# Dr. Preeti Global University

(Run Under the Aegis of Laxman Seth Educational Foundaiton)
{Established by M.P. Niji Vishwavidyalaya (Sthapna & Sanchalan) Ordinance No.-1 of 2022}

Campus :- Gram Dinara, Teh. Karera, Distt. Shivpuri (M.P.) 473665



UNIVERSITY GRANTS COMMISSION
आर.नं./R. No. 18-01/189
दिनांक/Date
30 SEP 2025
प्राप्त किया/RECEIVED
नई दिल्ली/New Delhi

विश्वविद्यालय अनुदान आयोग
UNIVERSITY GRANTS COMMISSION
आर. नं./R. No.
दिनांक/Date
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प्राप्त किया/RECEIVED
नई दिल्ली/New Delhi


Ref. No. DPGU/UGC/2025/01 Date 29/09/2025

To,

The Secretary,
University Grants Commission (UGC),
Bahadur Shah Zafar Marg,
New Delhi-110002, India.

Subject: Submission of Information Proforma to University Grants Commission (UGC) regarding of Dr Preeti Global University, Shivpuri (MP) Under Section 13 of the UGC Act. 1956.

Ref. No.: UGC Letter F.NO.1-4/2023 (CPP-I/PU)-2/132024 Dated: 04/09/2025

Respected Sir,

With reference to your letter and subject cited above, please find enclosed the duly filled Information Proforma along with all relevant Appendices and Annexures, attested by the Registrar of Dr Preeti Global University, Shivpuri (MP).

This submission is for your kind perusal and necessary action for the recognition of Dr Preeti Global University, Shivpuri (MP) under section 13 of the UGC Act. 1956.

**All the Information and Documents/Appendix(s)/Annexure(s) of Under section 13 of UGC Act. 1956 uploaded at the university website with out any login.**

Thank you.

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

Yours Sincerely,

Registrar
Dr. Preeti Global University
Dinara, Shivpuri, MP

Enclosures:
1. Letter from UGC regarding the establishment of Dr Preeti Global University
2. Duly filled UGC Proforma
3. All Annexures & Appendices attached

Ref. No. DPGU/204/RO/4832 Date. 29/04/24

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Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

ज्ञान-विज्ञान विमुक्तये

**UNIVERSITY GRANTS COMMISSION**
**BAHADUR SHAH ZAFAR MARG**
**NEW DELHI-110 002**

**Proforma for submission of information by State Private Universities for ascertaining their norms and standards**

## A. Legal Status

| | | |
|---|---|---|
| 1.1 | Name and Address of the University | DR. PREETI GLOBAL UNIVERSITY, VILLAGE DINARA, TEHSIL KARERA, DISTRICT SHIVPURI, MADHYA PRADESH – 473665 |
| 1.2 | Headquarters of the University | VILLAGE DINARA, TEHSIL KARERA, DISTRICT SHIVPURI, MADHYA PRADESH – 473665 |
| 1.3 | Information about University<br>a. Website _____<br>b. E-mail _____<br>c. Phone Nos. _____<br>d. Fax Nos. _____<br>Information about Authorities of the University<br>a. Ph. (including mobile), Fax Nos. and e-mail of Chancellor _____<br>b. Ph. (including mobile), Fax Nos. and e-mail of Vice-Chancellor _____<br>c. Ph. (including mobile), Fax Nos. and e-mail of Registrar _____<br>d. Ph. (including mobile), Fax Nos. and e-mail of Finance Officer _____ | https://www.drpreetiglobaluniversity.com/<br>dpguindia@gmail.com<br>7049755555<br>07049755555<br><br>7049755555<br>dpguindia@gmail.com<br>7049755555<br>dpguindia@gmail.com<br>7049755555<br>dpguindia@gmail.com<br>7049755555<br>dpguindia@gmail.com |
| 1.4 | Date of Establishment | 22 February 2022 |
| 1.5 | Name of the Society/Trust promoting the University (Information may be provided in the following format)<br>(Copy of the registered MoA/Trust Deed to be enclosed) | LAXMAN SETH EDUCATIONAL FOUNDATION<br>Enclosed as Annexure I |

<table>
<tr><td>1.6</td><td>Composition of the Society/Trust
<table>
<tr><th>Name</th><th>Address</th><th>Occupation</th><th>Designation in the Society/Trust</th></tr>
<tr><td>DR SANJEEV GUPTA</td><td>JHANSI UP</td><td>DIRECTOR</td><td>DIRECTOR</td></tr>
<tr><td>DR PREETI GUPTA</td><td>JHANSI UP</td><td>DIRECTOR</td><td>DIRECTOR</td></tr>
</table>
(Details to be provided in Appendix-I)</td><td>Enclosed as Appendix I</td></tr>
<tr><td>1.7</td><td>Whether the members of the Society/Trust are members in other Societies/Trusts or in the Board of Governors in companies? If yes, please provide details in the following format:-
<table>
<tr><th>Name of the member</th><th>Address</th><th>Name of the society/trust</th><th>Designation in the Society/Trust</th></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table>
(Details to be provided in Appendix-II)</td><td>NO</td></tr>
<tr><td>1.8</td><td>Whether the promoting Society/Trust is involved in promoting/ running any other University/ Educational Institution? If yes, please give details in the following format:-
<table>
<tr><th>Name of the University / Educational Institution</th><th>Activities</th></tr>
<tr><td></td><td></td></tr>
</table>
(Details to be provided in Appendix-III)</td><td>NO</td></tr>
<tr><td>1.9</td><td>Whether the promoting society/trust is involved in promoting/running activities other than educational? If yes, please give details in the following format:-
<table>
<tr><th>Name of the Organization</th><th>Activities</th></tr>
<tr><td></td><td></td></tr>
</table>
(Details to be provided in Appendix-IV)</td><td>NO</td></tr>
</table>

| | | |
|---|---|---|
| 1.10 | Act and Notification under which established (copy of the Act & Notification to be enclosed)<br><br>Enclosed Not enclosed | The Madhya Pradesh Niji Vishvavidylaya (Sthaapana Avam Sanchalan) Sanshodhan Adhiniyam, 2007 |
| 1.11 | Whether the University has been established by a separate State Act? | NO |

## B. Organization Description

| | | |
|---|---|---|
| 2.1 | Whether Unitary in nature (as per the UGC Regulation) | Yes |
| 2.2 | Territorial Jurisdiction of the University as per the Act | Madhya Pradesh |
| 2.3 | Details of the constituent units of the University, if any, as mentioned in the Act | Constituent units of the university as per MPPURC vide Letter no. 132/म.प्र.नि.वि.वि. आयोग, भोपाल/अका-1/2023-24, 128/म.प्र.नि.वि.वि. आयोग, भोपाल/अका-1/2023-24, dated 17/01/2024 are :<br>LAXMAN SETH EDUCATION COLLEGE<br>LAXMAN SETH PHARMACY COLLEGE<br>L S PHARMACY COLLEGE<br><br>Annexure III : Letter from MPPURC |
| 2.4 | Whether any off-campus centre(s) established? If yes, please give details of the approval granted by the State Government and UGC in the following format:-<br><br>a. Place of the off-campus _____<br>b. Letter No. & date of the approval of State Government _____<br>c. Letter No. & date of the approval of UGC ____<br><br>(Details to be provided in **Appendix-V**)<br><br>(Please attach attested copy of the approval) | NO |

| | | |
|---|---|---|
| 2.5 | Whether any off-shore campus established? If yes, please give details of the approval granted by the Government of India and the host country in the following format:-<br><br>a. Place of the off-shore campus _____<br>b. Letter No. & date of the approval of Host Country _____<br>c. Letter No. & date of the approval of Government of India ____<br><br>(Details to be provided in **Appendix-VI**)<br><br>(Please attach attested copy of the approval) | NO |
| 2.6 | Does the University offer a distance education programme? If yes, whether the courses run under distance mode are approved by the competent authority? (Please enclose attested copy of the course-wise approval of competent authority) | NO |
| 2.7 | Whether the University has established study centre(s)? If yes, please provide details and whether these study centres are approved by the competent authority of the University and UGC?<br><br>(Details to be provided in **Appendix-VII**)<br><br>(Please enclose attested copy of the approval from the competent authority) | NO |

## C. Academic Activities Description

### 3. Academic Programmes

<table>
<tr>
<td>3.1</td>
<td>Details of the programmes permitted to be offered by Gazette Notification of the State Government and its reference<br><br>(Details to be provided in Appendix-VIII)
<table>
<tr><th>Programme</th><th>Sanctioned Intake</th><th>Actual enrolment</th></tr>
<tr><td>UG</td><td></td><td></td></tr>
<tr><td>PG</td><td></td><td></td></tr>
<tr><td>Diploma</td><td></td><td></td></tr>
<tr><td>PG Diploma</td><td></td><td></td></tr>
<tr><td>Certificate course</td><td></td><td></td></tr>
<tr><td>M.Phil</td><td></td><td></td></tr>
<tr><td>Ph.D.</td><td></td><td></td></tr>
<tr><td>Any other (pl. Specify)</td><td></td><td></td></tr>
</table>
</td>
<td>Enclosed as Appendix VIII</td>
</tr>
<tr>
<td>3.2</td>
<td>Current number of academic programmes/ courses offered by the University<br><br>(Details to be provided in Appendix-IX)
<table>
<tr><th>Programme</th><th>Sanctioned Intake</th><th>Actual enrolment</th></tr>
<tr><td>UG</td><td></td><td></td></tr>
<tr><td>PG</td><td></td><td></td></tr>
<tr><td>Diploma</td><td></td><td></td></tr>
<tr><td>PG Diploma</td><td></td><td></td></tr>
<tr><td>Certificate course</td><td></td><td></td></tr>
<tr><td>M.Phil</td><td></td><td></td></tr>
<tr><td>Ph.D.</td><td></td><td></td></tr>
<tr><td>Any other (pl. Specify)</td><td></td><td></td></tr>
</table>
</td>
<td>Enclosed as Appendix IX</td>
</tr>
</table>

<table>
<tr><td>3.3</td><td>Whether approvals of relevant statutory council(s) such as AICTE, BCI, DEC, DCI, INC,<br>MCI, NCTE, PCI, etc. have been taken to:<br><br>a. Start new courses<br>b. To increase intake<br><br>If yes please enclose copy of approval and give course- wise details in the following format:-<br><br><table><tr><td>Name of the course</td><td>Statutory council</td><td>Whether approval taken</td></tr><tr><td></td><td></td><td></td></tr></table><br>(Details to be provided in Appendix-X)</td><td>Enclosed as Appendix X</td></tr>
<tr><td>3.4</td><td>If the University is running courses under distance mode, please provide details about the students enrolled in the following format:-<br><table><tr><td>Name of the Study</td><td>Courses offered</td><td>No. of Students enrolled</td></tr><tr><td></td><td></td><td></td></tr></table><br>(Details to be provided in Appendix-VII)<br><br>(Please enclose copy of the course-wise approval of the competent authority)</td><td>NO</td></tr>
<tr><td>3.5</td><td>Temporal plan of academic work in the University<br><br>Semester system/ Annual system</td><td>Semester System<br>(For D.Pharma Annual System as per PCI Norms)</td></tr>
</table>

| | | |
|---|---|---|
| 3.6 | Whether the University is running any course which is not specified under Section 22 of the UGC Act, 1956? If yes, please give details in the following format:-<br><br>a. Name of the course(s)<br>b. Since when started<br>c. Whether the University has applied for permission from UGC?<br><br>(Details to be provided in **Appendix-XI**) | NO |

## 4. Student Enrolment and Student Support

| | |
|---|---|
| 4.1 | Number of students enrolled in the University for the current academic year according to regions and countries (Please give separate information for main campus and off-campus/off-shore campus) |

| Particulars | | No. of students from the same State where the University is located | No. of students from other States | No. of NRI students | No. of overseas students excluding NRIs | | Grand Total |
|---|---|---|---|---|---|---|---|
| | | | | | Foreign Students | Person of Indian Origin students | |
| UG | M | 140 | 523 | 0 | 0 | 0 | 0 |
| | F | 19 | 118 | 0 | 0 | 0 | 0 |
| | T | 159 | 641 | 0 | 0 | 0 | 0 |
| PG | M | 288 | 138 | 0 | 0 | 0 | 0 |
| | F | 54 | 89 | 0 | 0 | 0 | 0 |
| | T | 342 | 227 | 0 | 0 | 0 | 0 |
| M.Phil | M | - | - | - | - | - | - |
| | F | - | - | - | - | - | - |
| | T | - | - | - | - | - | - |
| Ph.D. | M | - | - | - | - | - | - |
| | F | - | - | - | - | - | - |
| | T | - | - | - | - | - | - |
| Diploma | M | 138 | 182 | 0 | 0 | 0 | 0 |
| | F | 5 | 22 | 0 | 0 | 0 | 0 |
| | T | 143 | 204 | 0 | 0 | 0 | 0 |
| PG Diploma | M | 19 | 73 | 0 | 0 | 0 | 0 |
| | F | 9 | 13 | 0 | 0 | 0 | 0 |
| | T | 28 | 86 | 0 | 0 | 0 | 0 |
| Certificate | M | - | - | - | - | - | - |
| | F | - | - | - | - | - | - |
| | T | - | - | - | - | - | - |
| Any Other (Pl. Specify) | M | - | - | - | - | - | - |
| | F | - | - | - | - | - | - |
| | T | - | - | - | - | - | - |

M-Male, F-Female, T-Total

| 4.2 | Category-wise No. of students | |
|---|---|---|

| Category | Female | Male | Total |
|---|---|---|---|
| SC | 33 | 193 | 226 |
| ST | 0 | 13 | 13 |
| OBC | 54 | 378 | 432 |
| PH | - | - | - |
| General | 242 | 917 | 1159 |
| Total | 329 | 584 | 1830 |

| 4.3 | Details of two batches of students admitted |
|---|---|

| Particulars | Batch 1 | | | Batch 2 | | |
|---|---|---|---|---|---|---|
| | Year of Entry – 2023 | | | Year of Entry - | | |
| | UG | PG | Total | UG | PG | Total |
| No. admitted to the programme | 800 | 569 | 1369 | NA | | |
| No. of Drop-outs<br>(a) Within four months of Joining<br>(b) Afterwards | 23<br><br>12 | 14<br><br>05 | 37<br><br>17 | | | |
| No. appeared for the final year examination | NA | | | | | |
| No. passed in the final exam | | | | | | |
| No. passed in first class | | | | | | |

| | | |
|---|---|---|
| 4.4 | Does the University provide bridge/remedial courses to the educationally disadvantaged students? If yes, please give details | Yes<br>Special Clasees/Seminars/Courses are held for Educationally disadvantaged Students. |
| 4.5 | Does the University provide any financial help to the students from socially disadvantageous group? If yes, please give details | Yes, The university has an inclusive scholarship policy. The University also provides financial assistance to deserving and needy students as per the terms and conditions specified by the university from time to time. |
| 4.6 | In case the University is running M.Phil/Ph.D. programme, whether it is full time or part time and whether these programmes are run as per UGC Regulations,2009 on M.Phil/Ph.D. | Yes |

<table>
<tr><td>4.7</td><td>Whether the University have a website? If yes please give website address and whether the website is regularly updated?</td><td>https://www.drpreetiglobaluniversity.com/<br>Yes, the website is regularly updated.</td></tr>
<tr><td>4.8</td><td>How are the prospective students informed about the criteria for admission, rules & regulations, facilities available, etc?</td><td>Through Advertisement in Electronic Media, University Website, Prospectus etc.</td></tr>
<tr><td>4.9</td><td>Whether any grievance redressal mechanism is available in the University? If yes, please provide details about the complaints received against malpractices, etc in the University in the following format:-
<table>
<tr><th>Name of the complainant</th><th>Complaint against</th><th>Date of</th><th>Action taken by the University</th></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table>
(Details to be provided in Appendix-XII)</td><td>Yes, the university has a grievance redressal mechanism.<br><br>Details about complaints are enclosed as Appendix XII</td></tr>
</table>

## 5. Curriculum, Teaching Learning Process/Method, Examination/Evaluation System

| | | |
|---|---|---|
| 5.1 | Which University body finalized the curriculum? The composition of the body may be given. (Board of Studies, Academic Council, Board of Management) | Recommended by the Board of Studies and Finalized by the Academic Council |
| 5.2 | What are the Rules/regulations/procedure for revision of the curriculum and when was the curriculum last updated? | Board of Studies and Academic Council are finalizes. |
| 5.3 | Whether approval of statutory bodies such as Board of Studies, Academic Council and Board of Management of the University has been taken to start various courses? If yes, please enclose extracts of the minutes. | Attached as Annexure IV |
| 5.4 | Furnish details of the following aspects of curriculum design:<br><br>Innovation such as modular curricula<br>Inter/multidisciplinary approach | Dr. Preeti Global University conducts an annual review and update of its course curriculum, considering the following factors:<br><br>1. The latest industry trends.<br>2. Recent innovations and advancements in the industry.<br>3. Developments in new business ventures and events within the country.<br>4. Ethical values.<br>5. Modern teaching methods. |

<table>
<tr><td></td><td></td><td>6. The most recent equipment and infrastructure.<br>7. The introduction of new specializations.</td></tr>
<tr><td>5.5</td><td>Has the University conducted an academic audit? If yes, please give details regarding frequency and its usage.</td><td>Yes</td></tr>
<tr><td>5.6</td><td>Apart from classroom instruction, what are the other avenues of learning provided for the students? (Example: Projects, Internships, Field trainings, Seminars, etc.)</td><td>Projects, Internships, Field trainings, Workshop and Seminars, Industrial Visits, group discussions, guest lectures, outreach programs, case studies, conferences etc.</td></tr>
<tr><td>5.7</td><td>Please provide details of the examination system (Whether examination based or practical based)</td><td>The examination system includes theory papers and practical examinations. The practical examination may include a written/practical/design/drawing examination with a built-in part for laboratory/design/drawing courses.</td></tr>
<tr><td>5.8</td><td>What methods of evaluation of answer scripts does the University follow? Whether external experts are invited for evaluation?</td><td>The evaluation is done by Internal and External Subject Experts in accordance with the approved ordinance of the University.</td></tr>
<tr><td>5.9</td><td>Mention the number of malpractice cases reported during the last 3 years and how they are dealt with.</td><td>No case reported</td></tr>
<tr><td>5.10</td><td>Does the University have a continuous internal evaluation system?</td><td>Yes</td></tr>
<tr><td>5.12</td><td>How are the question papers set to ensure the achievement of the course objectives?</td><td>As per the Dr Preeti Global University Statutes, the Examination Committee under the chairmanship of the Vice-Chancellor, shall submit the paper-setters to the Vice-Chancellor and the Vice-Chancellor shall appoint the paper-setters from amongst the panel of experts. The paper setters prepared the question papers mapped with course objectives including both objective and subjective questions.</td></tr>
<tr><td>5.13</td><td>State the policy of the University for the constitution of board of question paper setters, board of examiners and invigilators.</td><td>The paper setting is done Externally/Internally by appointing paper setters with the approval of the Vice-Chancellor</td></tr>
<tr><td>5.14</td><td>How regular and time-bound are conduct of examinations and announcement of results? Substantiate with details of dates of examinations and announcement of results for the last 3 years. Details to be provided in the following format:-
<table>
<tr><td>Year</td><td>Date of exams</td><td>Date announcement of results</td></tr>
<tr><td></td><td></td><td></td></tr>
</table></td><td>The University examinations are conducted as per the schedule mentioned in the Academic Calendar. The result is declared within two months after the Examinations are over.</td></tr>
</table>

## D. Admission Process

<table>
<tr><td>6.1</td><td>How are students selected for admission to various courses? Please provide faculty-wise information<br><br>a. Through special entrance tests<br>b. Through interviews<br>c. Through their academic record<br>d. Through combination of the above<br><br>Please also provide details about the weightage give to the above</td><td>b) Through interviews<br>And<br>c) Through their academic record<br><br>Weightage :<br>Academic Records : 80%<br>Interviews : 20%</td></tr>
<tr><td>6.2</td><td>Whether the University is admitting students from national level entrance test or state level entrance test? If yes, please provide following details:-
<table>
<tr><th>Name of the National/state level entrance exam</th><th>No.of students admitted</th><th>% of students from the total admitted</th><th>Remarks</th></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table></td><td>NA</td></tr>
<tr><td>6.3</td><td>Whether admission procedure is available on the University website and in the prospectus</td><td>YES</td></tr>
<tr><td>6.4</td><td>Please provide details of the eligibility criteria for admission in all the courses</td><td>The eligibility criteria for admission in all the courses are as per the approved ordinance.<br><br>Annexure V</td></tr>
<tr><td>6.5</td><td>Whether University is providing any reservation/ relaxation in admission? If yes, please provide details in the following format:-
<table>
<tr><th>Category</th><th>No. of students admitted</th><th>% of quota provided for reservation and preparation in respect of actual enrolment</th><th>Remarks</th></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table></td><td>As per the state policy as notified by the state govt. form time to time.</td></tr>
</table>

<table>
<tr><td>6.6</td><td>Whether any management quota is available for admission in the University? If yes, please provide details in the following format:-
<table>
<tr><th>Total No. of Seats (Course-wise)</th><th>No. of total students admitted</th><th>No. of students admitted under Management quota</th><th>% of students admitted under management quota</th></tr>
<tr><td></td><td></td><td></td><td></td></tr>
</table></td><td>NO</td></tr>
<tr><td>6.7</td><td>What is the admission policy of the University with regard to NRI and overseas students?</td><td>As per the government policy and the University ordinances (Attached as Annexure - VI)</td></tr>
</table>

## E. Fee Structure

| | | |
|---|---|---|
| 7.1 | Present Course-wise fee structure of the University (Please provide head-wise details of total fee charged) | Attached as Annexure VII |
| 7.2 | Any other fee charged by the University other than the fee displayed in the UGC website (e.g. Building Fee, Development Fee, Fee by any name, etc.) | NO |
| 7.3 | Whether fee structure is available on the University website and in the prospectus? | Yes |
| 7.4 | Whether fee is charged by the University as per fee structure displayed in the University website and in the prospects or some hidden charges are there? | The fee is charged as per the fee structure displayed on the website and in the prospects. There are no any hidden charges. |
| 7.5 | Mode of Fee collection | Cash/Online Banking/DD/Cheque payment in the univers bank account. |
| 7.8 | Whether University is providing any concession in fee to students? If yes, please provide details. | Yes, the concession is given on merit bases, mean bases, merit-cum-mean bases, category bases, and to the girls students. |
| 7.9 | Details of the Hostel Fee including mess charges | Hostel facility in the University campus is in the planning stage and will be available in due course of time. |
| 7.10 | Any other fee | No |

| | | |
|---|---|---|
| 7.11 | Basis of Fee Structure | In accordance with MPPURC |
| 7.12 | Whether the University has received any complaint with regard to fee charged or fee structure? If yes please give details about the action taken. | NO |
| 7.13 | Whether University is providing any scholarship to students? If yes, please provide details. | Yes, The University provides merit, merit cum means (MCM) scholarships etc. as per the university policy |

## F. Faculty

| | | |
|---|---|---|
| 8.1 | Total no. of Sanctioned and filled up posts (Institution-wise and Department-wise) **Attached as Annexure - VIII** | Attached as Annexure - VIII |

| Dept. | Professor | | Associate Professor | | Assistant Professor | |
|---|---|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled | Sanctioned | Filled |

| | |
|---|---|
| 8.2 | Details of teaching staff in the following format (Please provided details – Institution-wise and Department-wise)<br><br>(Details to be provided in **Appendix-XIII**)<br><br>**Teaching staff details are attached as Appendix XIII** |

| Dept | Name of the Teacher | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or adhoc | Scale of Pay | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |

| | | |
|---|---|---|
| 8.3 | Category-wise No. of Teaching Staff | |

| Category | Female | Male | Total |
|---|---|---|---|
| SC | 5 | 45 | 50 |
| ST | - | - | - |
| OBC | 12 | 69 | 81 |
| PH | - | - | - |
| General | 18 | 76 | 94 |
| Total | 35 | 190 | 225 |

| | |
|---|---|
| 8.4 | Details of the permanent and temporary faculty members in the following format |

| **Particulars** | **Female** | **Male** | **Total** |
|---|---|---|---|
| **Total no. of permanent teachers** | | | |
| No. of teachers with Ph.D. as the highest qualification | 6 | 35 | 41 |
| No. of teachers with M.Phil as the highest qualification | 3 | 7 | 10 |
| No. of teachers with PG as the highest qualification | 26 | 148 | 174 |
| **Total no. of temporary teachers** | | | |
| No. of teachers with Ph.D. as the highest qualification | - | - | - |

| | | | |
|---|---|---|---|
| No. of teachers with M.Phil as the highest qualification | - | - | - |
| No. of teachers with PG as the highest qualification | - | - | - |
| **Total no. of part-time teachers** | - | - | - |
| No. of teachers with Ph.D. as the highest qualification | - | - | - |
| No. of teachers with M.Phil as the highest qualification | - | - | - |
| No. of teachers with PG as the highest qualification | - | - | - |
| Total No. of visiting teachers | - | - | - |

| | | |
|---|---|---|
| 8.5 | Ratio of full-time teachers to part-time/contract teachers | All teachers ars full time employees. |
| 8.6 | Process of recruitment of faculty-<br><br>Whether advertised? (pl. attach copy of the ad) –<br><br>Whether selection committee was constituted as per the UGC Regulation? | <br><br>Yes<br><br>Advertisement as Annexure IX attached. |
| 8.7 | Does the University follow self-appraisal method to evaluate teachers on teaching, research and work satisfaction? If yes, how is the self-appraisal of teachers analysed and used? Whether:-<br><br>Self Appraisal Evaluation<br>Peer Review<br>Students evaluation<br>Others (specify) | Yes<br><br>Self Appraisal Evaluation |
| 8.8 | Institution-wise and Department-wise teacher student ratio (only full time faculty) | |

| S.NO. | DEPARTMENT NAME | Teacher - Students Ratio |
|---|---|---|
| 1 | Faculty of Arts, Huminities and Social Science | 01:20 |
| 2 | Faculty of Business Administration | 01:20 |
| 3 | Faculty of Commerce | 01:20 |
| 4 | Faculty of Computer | 01:20 |

| | | | | |
|---|---|---|---|---|
| | | | Application | |
| | | 5 | Faculty of EDUCATION & PHYSICAL EDUCATION | 01:30 |
| | | 6 | Faculty of Engineering | 01:20 |
| | | 7 | Faculty of Home Science | 01:20 |
| | | 8 | Faculty of Hotel Management | 01:20 |
| | | 9 | Faculty of Journalism & Mass Communication | 01:20 |
| | | 10 | Faculty of LAW | 01:40 |
| | | 11 | Faculty of Library Science | 01:20 |
| | | 12 | Faculty of PHARMACY | 01:20 |
| | | 13 | Faculty of Scienec | 01:20 |
| | | 14 | Faculty of Social Work | 01:20 |
| 8.9 | Whether the University is providing UGC Pay Scales to the Permanent Faculty? If yes, please provide the following details:- | Yes | | |
| | Scale of Pay with all the allowances<br><br>Professor –<br>Associate Prof.-<br>Assistant Prof. –<br><br>Mode of Payment – (Cash/Cheque) | Scales of pay as provided by the UGC:<br><br>Professor – 37400-67000<br>Associate Professor – 37400-67000<br>Assistant Professor – 15600-39100<br><br>Payment transfer to individual bank accounts | | |
| 8.10 | Pay /Remuneration provided to:-<br><br>Part-Time Faculty –<br>Temporary Faculty-<br>Guest Faculty – | <br><br>NIL<br>NIL<br>Through Cheque/Cash | | |
| 8.11 | Facilities for teaching staff (Please provide details about Residence, Rooms, Cubicals, Computers/Any other) | Transportation, Gratuity, Sponsorship for higher studies. Seminars, Workshops, Memberships of Professional Bodies, Financial support whenever required, incentives for projects, good performance etc. | | |

## G. Infrastructure

| | | |
|---|---|---|
| 9.1 | Does the University have sufficient space for Land & Building? | Yes |
| 9.2 | Does the University have sufficient class rooms? | Yes |

| | | |
|---|---|---|
| 9.3 | **Laboratories & Equipment**<br>(Details to be provided in **Appendix-XIV** and **Appendix-XV**) | Details are enclosed as Appendix XIV and Appendix XV |
| a) | Item Description (make and model) | |
| b) | Location (Department) | |
| c) | Value (Rs.) | |
| d) | Present Condition | |
| e) | Date of Purchase | |
| 9.4 | **Library** | |
| a) | Total Space (all Kinds) | 6000 sqft |
| b) | Computer / Communication facilities | Available |
| c) | Total no. of Ref. Books (Each Department) | 2500 |
| d) | All Research Journals subscribed on a regular basis | Available |
| 9.5 | **Sports Facilities**<br>(Details to be provided in **Appendix-XVI**) | Details are attached as Appendix XVI |
| a) | Open Play Ground(s) for outdoor sports (Athletics, Football, Hockey, Cricket, etc.) | Yes |
| b) | Track for Athletics | Yes |
| c) | Basketball courts | Yes |
| d) | Squash / Tennis Courts | Planned |
| e) | Swimming Pool (Size) | Yes |
| f) | Indoor Sports Facilities including Gymnasium | Yes |
| g) | Any other | Volley Ball, Kabaddi, Kho-Kho, Hand Ball |
| 9.6 | Does the University has provision for Residential Accommodation including hostels (boys & girls separately) | No |

## H. Financial Viability

<table>
<tr><td>10.1</td><td>Details of the Corpus Fund created by the University<br><br>Amount –<br>FDR No. Date –<br>Period -<br><br>(Documentary evidence to be given)</td><td>No Corpus fund created by the University</td></tr>
<tr><td>10.2</td><td>Financial position of the University (please provide audited income and expenditure statement for the last 3 years)</td><td><table><tr><th>S.No.</th><th>Year</th><th>Income</th><th>Expenditure</th></tr><tr><td>1</td><td>2023-24</td><td>Attached Audit Report</td><td>Attached Audit Repo</td></tr><tr><td>2</td><td>2024-25</td><td>Attached Audit Report</td><td>Attached Audit Repo</td></tr></table></td></tr>
<tr><td>10.3</td><td>Source of finance and quantum of funds available for running the University (for last audited year)<br><br>Fees –<br>Donations-<br>Loan –<br>Interest-<br>Any other (pl. Specify)-</td><td>Fees –<br>Donations-<br>Loan –<br>Interest-<br>other Income & Fees :</td></tr>
<tr><td>10.4</td><td>What is the University’s ‘unit cost’ of education? (Unit cost = total annual expenditure (budget accruals) divided by the number of students enrolled) Unit cost calculated excluding the salary component may also be given</td><td>Total Annual Expenditure Budget Year 2023-24 :<br><br>Total No. of Students Enrolled :<br><br>Unit Cost Incurred :</td></tr>
</table>

## I. Governance System

### 11. Organization, Governance and Management

| | | |
|---|---|---|
| 11.1 | Composition of the statutory bodies of the University (please give names, profession & full postal address of the members and date of constitution):-<br><br>Governing Board<br>Executive Council<br>Board of Management<br>Academic Council<br>Finance Committee<br>Board of Studies<br>Others<br><br>(Details to be provided in **Appendix-XVII**) | Details are attached as Appendix XVII |
| 11.2 | Dates of the meetings of the above bodies held during the last 2 years<br><br>(Enclose attested copy of the minutes of the meetings) | Guidelines for BOS attached. As per the statues of Dr. Preeti Global University. |
| 11.3 | What percentage of the members of the Boards of Studies, or such other academic committees, are external? Enclose the guidelines for BOS or such other Committees. | Academic Council is the head body to decide academic programs. |
| 11.4 | Are there other strategies to review academic programmes besides the academic council? If yes, give details about what, when and how often are such reviews made? | Academic Council is the head body to decide academic programs. |

**J. Research Profile**

| | | |
|---|---|---|
| 12.1 | Faculty-wise and Department-wise information to be provided in respect of the following:- | |
| | ➢ Student Teacher Ratio | 20:01 |
| | ➢ Class Rooms | Yes |
| | ➢ Teaching labs | Yes |
| | ➢ Research labs (Major Equipments) | Yes |
| | ➢ Research Scholars (M.Tech, Ph.D., Post Doctoral Scholars) | NA |
| | ➢ Publications in last 3 years (Year-wise list) | NA |
| | ➢ No. of Books Published | - |
| | ➢ Patents | - |
| | ➢ Transfer of Technology | Yes |
| | ➢ Inter-departmental Research (Inter-disciplinary) | Yes |
| | ➢ Consultancy | NA |
| | ➢ Externally funded Research Projects | NA |
| | ➢ Educational Programmes Arranged | Guest lectures, seminars etc. are conducted from time to time. |

**K. Misc.**

13. Details of Non-Teaching Staff

| 13.1 | Details of Non-Teaching Staff |
|---|---|

| Name | Designation | Age | Qualification | Scale of Pay | Date of Appointment | Trained Yes/No If yes, Details |
|---|---|---|---|---|---|---|
| Details Attached as Appendix XVIII | | | | | | |

(Details to be provided in **Appendix-XVIII**)

13.2 Summary of the Non-Teaching Staff

| Particulars | Female | Male | Total |
|---|---|---|---|
| Administrative Staff | | | |
| Group A | 5 | 11 | 16 |
| Group B | 8 | 12 | 20 |
| Group C | 12 | 18 | 30 |
| Group D | 3 | 8 | 11 |
| Sub total | 28 | 49 | 77 |
| Technical Staff | | | |
| Group A | 2 | 4 | 6 |
| Group B | 3 | 6 | 9 |
| Group C | 5 | 15 | 20 |
| Group D | - | 3 | 3 |
| Sub total | 10 | 28 | 38 |
| Grand Total | 38 | 77 | 115 |

13.3 No. of Non-teaching staff category wise

| Category | Female | Male | Total |
|---|---|---|---|
| Sc | 1 | 4 | 5 |
| ST | | | |
| OBC | 1 | 10 | 11 |
| PH | - | | |
| General | 1 | 13 | 14 |
| Total | 03 | 27 | 30 |

| 13.4 | Ratio of Non-teaching staff to students | 1:60 |
|---|---|---|
| 13.5 | Ratio of Non-teaching staff to faculty | 1:7.5 |

## 14. Academic Results

| | | |
|---|---|---|
| 14.1 | Faculty-wise and course-wise academic results of the past 3 years<br><br>**S.No.** \| **Course** \| **No. of Candidates appeared** \| **Result**<br>\| \| \| \| | NA |

## 15. Accreditation

| | | |
|---|---|---|
| 15.1 | Whether Accredited by NAAC? If yes please provide the following details:<br><br>Date of Accreditation<br>Period<br>Grade<br>CGPA<br>Grading System Followed | NA |
| 15.2 | Whether courses are accredited by NBA? If yes please provide course-wise details as under:-<br><br>S.No. \| Course \| Whether Accredited \| Period of Accreditation<br>\| \| \| \| | NA |
| 15.3 | Other Accreditations, if any | NA |
| 15.4 | Any other information<br>(including special achievements by the University which may be relevant for the University) | NA |

## 16. Strength and Weaknesses of the University

| | | |
|---|---|---|
| 16.1 | Strengths of the University | • Dynamic and Visionary Leadership<br>• Excellent Infrastructure<br>• Green and Clean Campus<br>• Quality teachers and students. Excellent teaching-learning.<br>• Integration of Indian Culture into the Campus life.<br>• Zero Ragging Campus |

| | | |
|---|---|---|
| 16.2 | Weaknesses of the University | NILL |

**Certificate**

This is to certify that all the information provided above is true to the best of my knowledge and belief. The University will adhere to the rules, regulations and guidelines of the UGC, Central Government and relevant Statutory Council(s) and abide by all the provisions under the UGC Regulation.

The above information is also posted on the website of the University www.drpreetiglobaluniversity.com/.

**Signed and Sealed by the Head of the Institution**

## University Grants Commission

## Appendix-I

### Composition of the Society/Trust

| S. No. | Name | Address | Occupation | Designation in the Society/Trust |
|---|---|---|---|---|
| 1 | DR. SANJEEV GUPTA | JHANSI UTTAR PRADESH | DIRECTOR | DIRECTOR |
| 2 | DR. PREETI GUPTA | JHANSI UTTAR PRADESH | DIRECTOR | DIRECTOR |




# प्रारुप 1
# पंजीकरण प्रमाण–पत्र

कॉर्पोरेट पहचान संख्या : U80210UP2011NPL044782 2011 - 2012

मैं एतदद्वारा सत्यापित करता हूँ कि मैसर्स

LAXMAN SETH EDUCATIONAL FOUNDATION

का पंजीकरण, कम्पनी अधिनियम 1956 (1956 का 1) की धारा 25 के अधीन आज किया जाता है और यह कम्पनी प्राइवेट लिमिटेड है।

यह निगमन–पत्र आज दिनांक बारह मई दो हजार ग्यारह को मेरे हस्ताक्षर से कानपुर में जारी किया जाता है।

---

# Form 1
# Certificate of Incorporation

Corporate Identity Number : U80210UP2011NPL044782 2011 - 2012

I hereby certify that LAXMAN SETH EDUCATIONAL FOUNDATION is this day incorporated under Section 25 of the Companies Act, 1956 (No. 1 of 1956) and that the company is private limited.

Given under my hand at Kanpur this Twelfth day of May Two Thousand Eleven.

(SANJAY BOSE)

सहायक कम्पनी रजिस्ट्रार / Assistant Registrar of Companies
उत्तर प्रदेश एवं उत्तराखण्ड
Uttar Pradesh and Uttarakhand

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कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में उपलब्ध पत्राचार का पता :
Mailing Address as per record available in Registrar of Companies office:
LAXMAN SETH EDUCATIONAL FOUNDATION
OPPOSITE MEDICAL COLLEGE, GATE NO. 2, KARGUANAJI ROAD,
JHANSI - 284001,
Uttar Pradesh, INDIA

**THE COMPANIES ACT, 1956**

**ARTICLES OF ASSOCIATION**

**OF**

# LAXMAN SETH EDUCATIONAL FOUNDATION

(A Company limited by shares, not for profit under Section 25 of the Companies Act 1956)

## INTERPRETATIONS

1. The regulation contained in Table A Schedule I shall apply unless the context otherwise requires. Words or expressions contained in these Articles shall bear the same meaning as in the Act and any statutory notification thereof in force.

   (a) "The Act" means Companies Act 1956 and includes where context so admit any re-enactment or statutory modification thereof for the time being in force.

   (b) 'The Company" means LAXMAN SETH EDUCATIONAL FOUNDATION, a private limited Company within the meaning of Sec 3 (iii) of the Companies Act 1956:-

      (i) Limits the number of its members to fifty not including:-

         (a) Persons who are in the employment of the Company and

         (b) Persons who having been formerly in the employment of the Company was members of the company while in that employment and have continued to be members after the employment ceased and

         (c) Prohibits any invitation to public to subscribe for any debentures of the Company and

         (d) Prohibits any invitation or acceptance of deposits from persons other than its members, Directors or their relatives.

   (c) "Members" Means a person & registered State Associations/ Organisations recognised by the Company and includes the subscribers to Memorandum of Association.

   (d) "The office" means Registered office of the Company.

   (e) "The Seal" means the common seal of the Company.

   (f) "Board Meeting" means meetings of the Directors duly called and constituted or, as the case may be, the Directors assembled at the Board.

   (g) "Director" means the Directors for the Company.

   (h) "The Advisory Board" mean the members for the time being of the Company nominated by Boards of Directors.

   (i) "General Meeting" means a meeting of members.

   (j) To these Articles, the Board may by a resolution vest in Advisory Board exercise such powers as it thinks fit and such power may be made exercisable for such period and upon such conditions and restrictions as the board may thinks fit.

   (k) The provisions of the Act and these Articles, the powers and the control of the company shall vest in Board, who may delegate such powers or any part thereof to the Advisory Board.

Words imparting the singular number shall include the plural number and vice versa.

(l) "Board" means Board of Director of the Company.

2. Unless the context otherwise requires, word or expression contained in these regulations shall bear the same meaning as in the Act or any statutory modification thereof in force at the date at which these regulations become binding on the Company.

## BOARD OF DIRECTORS

**Number of Directors**

3. Subject to provisions of these Articles, the number of the directors of the Company shall not be less two and not more than twelve.

4. The first Directors of the Company are:

| | | |
|---|---|---|
| **(i)** | **Mr. Sanjeev Gupta** | **Director** |
| **(ii)** | **Mrs. Preeti Gupta** | **Director** |

5. The activities of the Company shall be managed by the Directors who may be paid all expenses incurred in setting up and registering the Company and may exercise all such powers of the Federation.

6. The Board of Directors may, from time to time by ordinary resolution increase or reduce the number of Directors.

7. The Directors may appoint any person to be an alternate Director to act for a Director (hereinafter in this Article called the original Director) during his absence for a period not less than three months from the State in which meetings of the Directors are ordinarily held, but such alternate Director shall, ipso facto vacate office if and when the original Director returns to the State in which the meetings of the Directors are ordinarily held.

## PROCEEDINGS OF THE BOARD OF DIRECTORS

8. The Board of directors may meet for the dispatch of business, adjourn and otherwise regulate its meetings, as it thinks fit.

9. (i) Save as otherwise expressly provided in this Act, questions arising at any meeting of the Board shall be decided by a majority of the Votes.

(ii) In case of an equality of votes, the chairman shall have a second or casting vote.

10. The quorum necessary for the transaction of the business of Directors shall be minimum two/one Directors.

11. A meeting of the Board of Directors shall be held at least once in every three calendar months and at least four such meetings shall be held in each calendar year. The Directors may meet together for the discharge of the business, adjourn and otherwise regulate their meetings and proceedings, as they think fit.

12. Notice of the every meeting of the Board of Directors of the Company shall be given in writing to every Director for the time being in India and at the actual address in India to every other Director.

13. A meeting of the Directors for the time being, at which a quorum is present, shall be competent to exercise all or any of the authorities, powers and discretion by law or under the Articles and regulations for the time being vested in or exercisable by the Directors.

14. For any amendment of the existing constitution a notice of 15 days shall be essential and will be approved by majority of votes in Annual General Meeting.

## POWERS OF THE DIRECTORS

15. The Board of Director shall have the right to delegate any of their powers to such managers or any other persons as they may deem fit and may at their own discretion revoke such powers.

16. (i) The Directors shall have powers for the engagement and dismissal of Managers, Office Secretary, clerks and assistants and shall have power of general direction, management and superintendence of the business of the Company with full powers to do all such acts, matters and things deemed necessary, proper or expedient for carrying on the activities of the Company and to make and sign all such contracts and to draw and accept on behalf of the Company.

(ii) To form committees and sub-committees, time to time as they thinks fit and revoke such powers.

## SECRETARY GENERAL

17. (i) Secretary General may be appointed by the Board, for such term and conditions as it may think fit; at any Secretary General so appointed may be removed by the Board.

(ii) A director may be appointed as Secretary General.

18. A provision of the Act or these regulations requiring or authorizing a director as the Secretary General shall not be satisfied by its being done by or to the same person acting both as director and as, or in place of, the Secretary General.

## ADVISORY BOARD

19. The Advisory Board shall consist of President, Vice Presidents, Secretary General, Treasurer, Joint Secretaries, and Board of Directors.

20. The following office bearers namely:-

| | |
|---|---|
| (i) President | - One |
| (ii) Chairman | - One |
| (iii) Vice Presidents | - Five |
| (iv) Secretary General | - One |
| (v) Joint Secretaries | - Three |
| (vi) Treasurer | - One |

The above office bearer shall be nominated by Board of Directors and hold offices for four years. All other remaining office bearers of Advisory Board shall

be nominated by the Board of Directors. The retiring office bearers shall be eligible for re-nominated for two terms only.

21. All the aforestated office bearers/ advisory board members may be nominated wholly or partly by unanimous decision of the Board of Directors meeting.

22. Any member of the Advisory Board absent (except on account of illness or with the consent of the Advisory Board) for three consecutive Board Meeting shall be deemed to have vacated his post.

23. The Advisory Board shall meet not less than once in every twelve months of each calendar year for the transaction of business.

24. Five members of the ADVISORY BOARD shall form quorum for the meeting of the Advisory Board. MANAGEMENT BOARD shall form quorum for the meeting two members personally present.

25. The President or Executive Director shall be chairman of all meetings of the Advisory Board at which he is present. In the absence of the President in the Advisory Board, the Executive Director shall be as Chairman of the Advisory Board in case of equality of votes shall have a second or casting vote.

26. The office of an Advisory Board member shall become vacant if:-

(a) He is found to be of unsound mind of a Court of competent jurisdiction: or

(b) He applies to be adjudicating as an insolvent: or

(c) He is adjudicated an insolvent: or

(d) he absents himself from three consecutive meetings of the Advisory Board or from all meeting of the Advisory Board without obtaining leave of absence from the Advisory Board : or

(e) He is convicted by a Court of any offence involving moral turpitude and sentenced in respect thereof to imprisonment "MEMBERS"

27; (i) The number of members with which the Company proposes to be registered is 3 but the Board of Directors and Advisory Board may, From time to time, and in accordance with, whenever the Company or objects of the Company requires, register an increase its members. Subject to the provision of the act.

(ii) The subscribers to the Memorandum and such other persons as the Advisory Board shall admit to membership shall be members of the Company after proper scrutiny and interview of the applicant and payment of requisite fee as decided from time to

time.

**PROCEEDING OF ADVISORY BOARD MEETINGS**

28. "Advisory Board Meetings" means a meeting of Advisory Board members.

29. (i) No business shall be transacted at Advisory Board Meetings unless a quorum of members is present at the time when the meeting proceeds to business.

(ii) Said as herein otherwise provided, five members present in person shall be a quorum.

30. (i) In any other case, the meeting shall stand adjourned to the same day in the next week, at the same time and place, or to such other day and at such other time and place as the Board may determine.

(ii) If at the adjourned meeting a quorum is not present within half an hour from the time appointed for the meeting, the members present shall be a quorum.

31. The chairman, if any, of the Board shall preside as chairman at every meeting of the Company.

32. If there is no such chairman, or if he is not present within fifteen minutes after the time appointed for holding the meeting, or is unwilling to act as chairman of the meeting, the directors present shall elect one of their numbers to be chairman of the meeting.

33. If at any meeting no director is willing to act as chairman or if no director is present within fifteen minutes after the time appointed for holding the meeting, the members present one of their numbers to choose chairman of the meeting.

(i) The chairman may, with the consent of any meeting at which a quorum is present, and, shall if so directed by the meeting, adjourn the meeting from time to time and from place to place.

(ii) No business shall be transacted at any adjourned meeting other than the business left unfinished at the meeting from which the adjournment took place.

(iii) When a meeting is adjourned for thirty days or more, notice of the adjourned meeting shall be given as in the case of an original meeting.

(iv) Save as aforesaid, it shall not be necessary to give any notice of an adjournment or of the business to be transacted at an adjourned meeting.

34. In the case of an equality of votes, whether on a show of hands or on a poll, the chairman of the meeting at which the show of hands takes place, or at which the poll is demanded, shall be entitled to a second or casting vote.

35. Any business other than that upon which a poll has been demanded may be preceded with, pending the taking of the poll.

**GENERAL MEETINGS**

36. All General Meetings other than the Annual General Meeting shall be called Extraordinary General Meetings.

37. (i) The Board of Director may, whenever it thinks fit, call Extraordinary General Meeting.

(ii) If at any time there are not within India, Directors capable of acting who are sufficient in number to form a quorum, any Director or any two members of the Company may call an extraordinary general meeting in the same manner, as nearly as possible, as that in which such a meeting may be called by the Board.

(iii) A General Meeting may be called by giving notice not less than 14 days.

**PROCEEDINGS AT GENERAL MEETING**

38. (i) No business shall be transacted at any general meeting unless a specified quorum of members is present at the time when the meeting proceeds to transact business.

(ii) Minimum two members present in person shall be quorum.

39. Board of Director shall preside as Chairman at every general meeting of the Company.

40. If there is no director present within fifteen minutes after the time appointed for holding the meeting or is unwilling to act as Chairman of the meeting, the Directors present shall elect one of their members to be Chairman of the Meeting.

41. If a meeting no Director is willing to act as Chairman and if no Director is present within 15 (Fifteen) minutes after the time appointed for holding the meeting, the members present shall choose one of their to be Chairman of the meeting.

42. (i) The Chairman may with the consent of any meeting at which a quorum is present and shall, if so directed by the Meeting, adjourn the meeting, from time to time and from place to place.

    (ii) No business shall be transacted at any adjourned meeting other than the business left unfinished at the meeting from which the adjournment took place.

    (iii) When a meeting is adjourned for thirty days or more, notice of the adjourned meeting shall be given as in the case of an original meeting.

    (iv) Save as aforesaid, it shall not be necessary to give any notice of an adjournment or of the business to be transacted at an adjourned meeting.

43. In case of equality of votes, whether on a show of hands or on a poll the Chairman of the meeting at which the show of hands takes place or at which the poll is demanded, shall be entitled to a second or casting vote.

44. Any business other than that upon which a poll has been demanded may be preceded with, pending the taking of the poll.

**ANNUAL GENERAL MEETINGS**

POWERS AND FUNCTIONS OF THE BOARD:

45. The Annual General Meetings shall be formulating the policies of the Company and the principles on which this shall be aimed out.

46. It shall also consider the audited statements of accounts and the annual report of each year.

47. Any other matter with the permission of the chair.

**VOTE OF MEMBERS**

48. Every member shall have one vote. Save as otherwise expressly provided in this Act, questions arising at any meeting of the Board shall be decided by a majority of the Votes.

49. (i) No member shall be entitled to attend any meeting unless all sums presently payable by him to the Company have been paid.

    (ii) Any such objection made in due time shall be referred to the chairman of the meeting, whose decision shall be final and conclusive.

**CORPORATE/ INSTITUTIONAL MEMBERS**

50. A Corporate/ Institutional member, on admission to the company, will be entitled to all the privileges and rights of member of the company for a period of four years, excepting the rights of attending a meeting. The Corporate/ Institutional member will pay annual subscription. Corporate/ Institutional membership shall be open only to firms, companies, corporations and departments.

## ORDINARY MEMBERS

51. An ordinary member (Regd State Association) on admission to the company and payment of such entrance fee and subscription for the time being in force for members, will be entitled to all rights and privileges of membership including the right of attending at meeting and shall also be liable to pay annual subscription for time being in force for members.

## MEMBERSHIP FEE

52. The Advisory Board shall fix the lump sum and annual subscription payable for the membership, Corporate/Institutional/departments membership and entrance fee payable by the members and other subscription payable by the guests. The Advisory Board shall have powers to increase or decrease the subscription from time to time.

## FORM OF APPLICATION

53. The application for the membership of every candidate shall be in writing. Signed by the candidate and President or Secretary General or Board of members. The form for the various-categories or membership shall be prescribed by the Advisory Board from time to time.
54. The application of every organizations and candidates for the admission as member shall be submitted for approval to a meeting of the Advisory Board or management board for the purpose of admitting members, the decision of which shall be final and binding. The Advisory or Management board shall admit new members only after proper scrutiny.

55. On the admission of any member, the Secretary General/ Directors shall place his name on the Register of member of the company.

## NOTIFICATION OF ADDRESS

56. Each member of the company shall communicate his address Telephone No. and change of address to the Director of the company. Any member residing outside India shall provide e-mail or fax number at which all notice shall be served upon him.

## TERMINATION OF THE MEMBERSHIP

57. (A) The member shall cease to be member of the Federation.

    (i) On his resignation:

    (ii) On his being adjudged insolvent and/or becoming of unsound mind:

    (iii) On his conviction by a competent court of any offence involving moral turpitude:

    (iv) On failure to pay debts and dues to the company after his name has been posted for non-payment as required under sub-clause (c) hereof:

    (v) On expulsion from the company under sub-clause (c) hereof:

    (b) If any member refuses or neglects to comply with any provisions of the Memorandum or of Articles of Association or any by-law made there under or is guilty of conduct such as the Advisory Board consider likely to endanger the harmony or effect the character or stability or interest of Company, such member shall be liable to expulsion on the vote of two-third of the members present at special meeting of the Advisory Board summoned for the purpose of investigating and deciding the case, provided that at least one week before meeting, such members shall have had notice thereof, and of the intended resolution for his expulsion, and that he shall at such

meeting and before the passing of such resolution have an opportunity of giving orally or in -writing any explanation or defence he may think fit.

(c) If any members fails to pay his subscription or bills to the Company after the same have, in the opinion of the Advisory Board, been duly demanded of him in writing, he shall be liable to have his name posted in the premises of the Company for a period of 15 days and notice of such posting shall be sent to the registered address of the member immediately. If at the expiration of the period aforesaid, the amount due or any part thereof remaining unpaid the member shall cease to be a Member of the Company and his name shall be erased from the register of Members of the Company but may be re-admitted without formal re-nominated, if satisfies the Advisory Board that there was sufficient cause, of which the Board of Directors shall be the sole final judge, for his failure to pay such subscription or bills and the payments within 2 weeks there from the amount, thereof and of any subscription falling due in intervals. No member who is posted as a defaulter shall be entitled during default to exercise any of the right and privileges of Membership.

## NOTICE

58. Subject to provision of the act a notice given personally or sent by e-mails/posts against under postal certificate to the address of a member as entered in the books of the Company shall be deemed to have been duly delivered and received.

59. A notice pasted at the registered office of the Company shall be deemed to be well served or any member who has not a registered place of address. At the expiration of twenty-four hours after it is so pasted.

60. A certificate of posting by the Secretary General and /or treasurer presenting or pasting up the registered office of any notice bill or other communication shall be conclusive evidence of the service on or presentation to any member of such notices, bill or other communication.

## OPERATION OF BANK ACCOUNTS

61. The Directors shall have power to open Bank accounts jointly (any two), to sign cheque on behalf of the Company and to operate all banking accounts of the Company and to receive payments, make endorsements draw and accept or may authorize and other person or persons to exercise such powers.

62. The financial year of the Company shall be on the 1st April or such other date as the Board of Directors shall fix in each year to which date the Accounts of the Company shall be balanced/closed.

63. The accounts of the Company shall as soon as practicable after the end of financial year be audited by an Auditor, who shall be' appointed at each Annual General Meeting.

## SECRECY

64. Each member of the Advisory Board, Director, auditor, member of committees, officers, servants, accountant and other person employed in the Company, shall if so required by the Board before entering upon his duties, sign a declaration pledging himself to observe strict secrecy respecting all transactions and affairs of the Company with the outsiders and the state of accounts with individuals and in matters related there-to and shall by such declaration pledge himself not to reveal any of the matters, which may come to his knowledge in the discharge of his duties except when required so to do by

the Board or by laws or by the person to whom such matters relate and except so far as may be necessary in order to comply with any of the provisions of these presents contained.

## THE SEAL

65. (a) The Board shall provide for the safe custody of the seal.

(b) The seal of the Company shall not be affixed to any instrument except by the authority of a resolution of the Board of Directors, and except in the presence of at least two Directors and of the Secretary General or such other person as the Board may appoint for the purpose; and those two Directors and the Secretary General or other person as aforesaid shall sign every instrument to which the seal of the Company is so affixed in there presence.

We the several persons whose names, address and descriptions are subscribed are desirous of being formed into a company in pursuance of these Articles of Association and we respectively agree to take the number of shares in the capital of the company set opposite our names.

| S.No | NAME, ADDRESS DESCRIPTIONS, OCCUPATION OF SUBSCRIBERS | SIGNATURE OF SUBSCRIBER | SIGNATURE NAME, ADDRESS, DESCRIPTIONS AND OCCUPATION OF WITNESS |
|---|---|---|---|
| 1 | SANJEEV GUPTA S/o Late Shri L.D. Gupta, 80, Pasrat Bada Bajar, Jhansi (U.P.) Lecturer. | | Witness to All<br>Neelesh Gupta<br>S/o Shri R.B. Gupta<br>C-1, Railway Apartment<br>125, Malviya Nagar, Indore<br>(M.P.)<br>Govt. Servant<br>Company |
| 2. | PREETI GUPTA C/o Dr. S.K GUPTA 80 PASRAT, BADA BAZAR JHANSI (U.P.) DOCTOR | | |
| 3. | श्रीमती शान्ती देवी गुप्ता पत्नी स्वर्गीय लालदासजी गुप्ता 20, पसरट बड़ा बाजार झाँसी | श्रीमती शान्ती देवी गुप्ता | |

**Date:** 20/10/2010
**Place :** Jhansi

**THE COMPANIES ACT, 1956**

**MEMORANDUM OF ASSOCIATION**

**OF**

# LAXMAN SETH EDUCATIONAL FOUNDATION

**(A Company limited by shares not for profit under section 25 of the companies Act 1956).**

I. The name of the Company (THEREAFTER CALLED THE COMPANY) **LAXMAN SETH EDUCATIONAL FOUNDATION.**

II. The Registered Office of the Company shall be situated in the State of Uttar Pradesh.

III. The main objects for which the company is established are:-

A. MAIN OBJECTS TO BE PURSUED BY THE COMPANY ON ITS INCORPORATION:

1. To establish, manage, maintain, own, administer, promote and subsidise educational institutions for study and research, centres of learning, reading rooms, and other institutions for basic education, adult literacy, advanced studies and other educational forum with the permission of competent authority.

2. To organize and provide knowledge and education on non commercial basis.

3. To provide scholarships to students and grant aid including supply of books, stipends, medals, prizes, grants, awards, medicines, educational career support, bursaries and other incentives for purposes of advancement of knowledge, education and literacy on non commercial basis and subject to prevailing laws.

4. To undertake on its own and/or in collaboration with other educational and research institutions, research for promotion and development of Professional Studies of any kinds and related subjects and delineation of standards thereon and to organize, hold and conduct short term programs, continuing education programs, research projects, seminars, conferences, study programs for the purpose of exchange and dissemination of information and knowledge in all areas.

5. To design and develop instructional resource curricula, teaching aids, teaching materials, evaluation system, educational technologies and learning resource centers and to collect, analyze, collate, tabulate and circulate data, statistics, information etc. relating to or connected with any discipline of Studies of any kind and allied fields on non commercial basis and subject to prevailing laws.

6. No objects of the Company will be carried out without obtaining prior approval, No objection Certificate from the concerned authority wherever required and or prescribed.

7. None of the objects of the Company will be carried out on commercial basis.

B. THE OBJECTS INCIDENTAL OR ANCILLARY TO THE ATTAINMENT OF THE MAIN OBJECTS ARE:

1. To organise and establish branches, and offices of the Company at any place in India and to discontinue the same;

2. To promote and establish such Associations/Organisations, advisory boards and other suitable bodies in the different States Associations/ Organisations as well as Union Territories as may be deemed necessary in carrying out the aforesaid effectively;

3. To enter into any arrangement with any government or municipal, local or other authorities, and to obtain from any such government or authority all rights, concessions and privileges that may seem conducive to the Company's objects or any of them;

4. To convene when thought necessary or expedient, tournaments, training camps, conferences, seminars, exhibitions, or meetings at such places and at such times as considered desirable so as to further the objects of the Company;

5. To acquire by gift, donation, purchase or take on lease or license or hire or otherwise, lands and all other property (movable or immovable) or any rights or privileges, for the purpose thereof which the Company may from time to time think proper to acquire.

6. To invest and deal with the money of the Company, not immediately required, in such manner as from time to time may be determined by the Board;

7. To construct upon any premises acquired for the purpose of the Company any building or buildings for the purpose of the Company and to alter, add or remove any building upon such premises.

8. To establish, maintain and expand a library of books and publications on statistical, technical and other general interest so as to diffuse knowledge and information in connection with main objects of the Company.

9. To recruit, train and develop staff, organize conference and to conduct training programmes for official staff.

10. To act as consultants and render services in relation to the activities carried on by the Company.

11. To acquire from any person, firm or body corporate, whether in India or elsewhere, technical information, know-how, processes and data, for any of the activities of the Company and to acquire any grant or license and other rights and benefits in the foregoing matters and to enter into collaboration agreements, to employ and engage foreign personnel and to pay or remunerate such persons not being members for the same, either in lump-sum or by installment or by way or fees or royalties or otherwise either in Indian rupees or in foreign currencies;

12. To register under Section 25 of the Act, to amalgamate with Company carrying on or about to carry on any business or transaction included in the objects of the Company in India or abroad;

13. To open current accounts with any bank or bankers within India or financial institutions and to pay money into and to withdraw money from such accounts;

14. To receive aid from any other Company or Institution whether incorporated or not, whose objects are similar or in part similar to the Company.

15. To buy, repair, make, supply, in all kinds of apparatus and appliances to persons using the Company buildings.

16. To raise money by subscriptions and to grant right and privileges to subscribers;

17. To hire and employ office secretary, accountants, clerks, managers, coaches, referees, professionals, umpires, scorers, servants and workmen not being members and pay them and other persons not being members in returns for services rendered to the Company, salaries, wages, gratuities and pensions;

18. To borrow or to raise money or secure the payments of money in such manner as the Company shall think fit upon bonds, debentures, bills of exchange, Promissory notes or other obligations, or securities of the Company or by mortgage or charge of the Company property both present and future and to purchase, redeem, or pay off any such securities;

19. To sell, improve, manage, develop, lease, mortgage dispose off or other wise deal with all or any part of the property of the Company, whether movable or immovable for the benefit of the Company;

20. To give granted /donation to such persons, association, club and companies and on such terms and conditions-as may deem expedient for any of the object of Company.

21. To form committees and sub-committees, Management Board, Advisory Board or any other form of set up for running and maintenance of day to day activities of the Company or to make any other rules and regulations for effective functioning of the Company;

22 Provided that the company shall not support with its funds, or endeavor to impose on, or procure to be observed by its members or others, any regulations or others, any regulations, restrictions which, if an object of the Company would make it a Trade Union.

23 To elaborate objective point 1 & 4 establish and manage different professional education Courses in the field of Nursing, Pharmacy, Teachers training courses, Schools, Law Courses, Agricultural courses, Engineering, Management, Computers, Medical education in Medicine, Surgery, Ayurved, Homeopathy, Unani, School and other professional Education and training program after due permission from concerned Government bodies.

24 To run nursing home under Unani, Allopathy, Homeopathy, Ayurvedic system of Medicine After taking permission from different governing bodies.

25 Computer/IT training and outsourcing

26 Skill development program.

27 To conduct rural development and health campaign program.

IV The objects of the Company extended to the whole of India

V 1.The income and property of the Company, when so ever derived shall be applied solely for the promotion of its objects as set forth in this Memorandum of Association.

2. No portion of the income or property aforesaid shall be paid or transferred directly or indirectly, by way of dividend, bonus or other wise by way of profits to persons who, at any time are or have been members of the Company or to any, one or more of them or to any person claiming through any one or more of them.

3. Except with the previous approval of Central Government no remuneration or other benefits in money or money's worth shall be given by the Company to any of its members whether officers or servants of the Company or not, except payment of out-of-pocket expenses, reasonable and proper interest on money lent or reasonable and proper rent on premises let to the Company

4. Except with the previous approval of Central Government no members shall be appointed to any office under the Company, which is remunerated by salary, fees or in any other manner not accepted by sub clause (3).

5. Nothing in this clause shall prevent the payment by the Company in good faith of reasonable remuneration to any of its officer's or servant (not being members) or to any other person (not being a member) in return for any services actually rendered to the Company.

VI. No alteration shall be made to the Memorandum of Association or to the Articles of Association of the Company, which are for the time being in force, unless the alterations has been previously submitted to and approved by the Regional Director.

VII. The liabilities of Members are limited.

VIII. The Authorized Share Capital of the Company is Rs. 100,000/- (Rupees One Lac only) divided into 10,000 (Ten Thousand) equity shares of Rs. 10 (Rupees Ten) each.

IX. True accounts shall be kept of all sums of money received and expended by the Company and the matters in respect of which such receipts and expenditure take place, and of the property, credits and liabilities of the Company and subject to any reasonable restrictions as to the time and manner of inspecting the same that may be imposed in accordance with the regulations of the Company for the time being in force, the accounts shall be open to the inspection of the member. Once at least in every year, the accounts of the Company shall be examined and the correctness of the Balance sheet and the Income and Expenditure account ascertained by one or more properly qualified Auditor or Auditors.

X. If upon a winding up of dissolution of the Company there remains after the satisfaction of all the debts and liabilities and property whatsoever, the same shall not be distributed amongst the members of the Company but shall be given or transferred to such other company having similar objects of this Company to be determined by the member's at or before the time of dissolution or in default thereof, by the High Court of Judicature that has or may acquire jurisdiction in the matter.

Pendency Subsidy + not for Profit

We, the several persons, whose names and addresses are hereunder subscribed, are desirous of being formed into a company, in pursuance of this Memorandum of Association and we respectively agree to take the number of shares in the Capital of the Company set opposite our respective names:

| Name, Father's Name, address, description and occupation of subscriber | No. of Equity shares taken by each subscriber | Signature of subscriber | Signature, name, address, description and occupation of witness |
|---|---|---|---|
| 1. SANJEEV GUPTA S/o late Shri L.D. Gupta 8C, Pasrat, Bada Bazar Jhansi (U.P.), Lecturer | 3500 (Three Thousand Five Hundred Only) | | |
| 2. PREETI GUPTA W/o Dr. S.K. GUPTA 8o, PASRAT BADA BAZAR JHANSI (U.P.) DOCTOR | 3500 (Three Thousand Five Hundred only) | | Witness to All Neeleh Gupta W/o Shri R.B. Gupta C-1, Rohan Apartment 125, Malviya Nagar Indore (MP) Pin 452001 Company Secretary 6814 |
| 3 श्रीमती शान्ती देवी W/o श्री स्वामी जगन्नाथ कान्वेन्ट 20, अस्पताल पत्थर मॉसी समाजिक कार्यकर्ता | 3000 (तीन हजार मात्र) | | शान्ती देवी |
| Total | (Ten Thousand Only) | | |

Dated: 20/10/2010
Place: Jhansi

Pendency Subsidy




# प्रारुप 1
# पंजीकरण प्रमाण–पत्र

कॉर्पोरेट पहचान संख्या : U80210UP2011NPL044782 2011 - 2012

मैं एतदद्वारा सत्यापित करता हूँ कि मैसर्स

LAXMAN SETH EDUCATIONAL FOUNDATION

का पंजीकरण, कम्पनी अधिनियम 1956 (1956 का 1) की धारा 25 के अधीन आज किया जाता है और यह कम्पनी प्राइवेट लिमिटेड है।

यह निगमन–पत्र आज दिनांक बारह मई दो हजार ग्यारह को मेरे हस्ताक्षर से कानपुर में जारी किया जाता है।

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# Form 1
# Certificate of Incorporation

Corporate Identity Number : U80210UP2011NPL044782 2011 - 2012

I hereby certify that LAXMAN SETH EDUCATIONAL FOUNDATION is this day incorporated under Section 25 of the Companies Act, 1956 (No. 1 of 1956) and that the company is private limited.

Given under my hand at Kanpur this Twelfth day of May Two Thousand Eleven.

(SANJAY BOSE)

सहायक कम्पनी रजिस्ट्रार / Assistant Registrar of Companies
उत्तर प्रदेश एवं उत्तराखण्ड
Uttar Pradesh and Uttarakhand

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कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में उपलब्ध पत्राचार का पता :
Mailing Address as per record available in Registrar of Companies office:
LAXMAN SETH EDUCATIONAL FOUNDATION
OPPOSITE MEDICAL COLLEGE, GATE NO. 2, KARGUANAJI ROAD,
JHANSI - 284001,
Uttar Pradesh, INDIA

विश्वविद्यालय अनुदान आयोग
University Grants Commission
शिक्षा मंत्रालय, भारत सरकार
(Ministry of Education , Govt. of India)
बहादुरशाह जफर मार्ग नई दिल्ली– 110 002
Bahadurshah Zafar Marg, New Delhi-110002
Phone : 011-23604407, 011-23604424

सत्यमेव जयते

ज्ञान-विज्ञान विमुक्तये

**BY E-MAIL**

F.No.8-28/2022 (CPP-I/PU)

January, 2023

25 JAN 2023

**The Vice Chancellor,**
**Dr. Preeti Global University,**
**Gram Dinara, Teh Karera,**
**District- Shivpuri,**
**Madhya Pradesh- 473665**

**E-Mail- spogupta@yahoo.com.**

Subject:- Establishment of Dr. Preeti Global University, Gram Dinara, Teh Karera, District-Shivpuri, Madhya Pradesh- 473665 - regarding

Sir,

With reference to the letter No.DPGU/2022/146 dated 29.11.2022 on the subject cited above, I am directed to inform you that the UGC has received **Act No.25 of 2022 (Notification No.15668-261-इक्कीस-अ (प्रा.) dated 17.10.2022),** further to amend the Madhya Pradesh Niji Vishwavidyalaya (Sthapana Avam Sanchalan) Adhiniyam 2007 wherein **Dr. Preeti Global University,** Gram Dinara, Teh Karera, District- Shivpuri, Madhya Pradesh- 473665 has been established as a Private University with effect from **17.10.2022.** In view of the establishment of **Dr. Preeti Global University,** Gram Dinara, Teh Karera, District- Shivpuri, Madhya Pradesh- 473665 by the Act, the name of the university has been included in the list of universities established as per section 2(f) of UGC Act. 1956 as maintained by the UGC on its website www.ugc.ac.in.

1. The inclusion of the name of the University in the list of universities maintained by the UGC does not by itself allow the University to make admissions in its programmes. This may be done only after creation of required academic and physical infrastructure facilities, including library, laboratories and appointment of teaching and supporting staff as per the norms and standards laid down by the UGC and Statutory Council(s) concerned.
2. The University is now requested to submit detailed information in the enclosed format **(Annexure-I) (soft copy as well as hard copy)** along with supporting documents duly attested by the Registrar of the University within a period of **3 months** from the receipt of this letter. This format along with appendices is also available on the UGC website www.ugc.ac.in. **The University is also requested to upload this filled in format and appendices on its website by giving a link on the home page so that the information is accessible to the students and general public.**
3. After receipt of the Information in the above mentioned format, the following procedure would be adopted by the UGC for inspection of the University:-

    a. The information received from the University in the prescribed format would be posted on the UGC website within 10 days of the receipt of the information (Annexure-I). Comments would be invited from the general public within 1 month thereafter about

25 JAN 2023

the information submitted by the University. The comments received from the general public would be placed before the visiting UGC Expert Committee for perusal.

b. An Expert Committee would be constituted by the UGC to ascertain whether the University fulfills the criteria in terms of programmes, faculty, infrastructural facilities, financial viability, etc. as laid down from time to time by the UGC and other concerned statutory bodies such as AICTE, BCI, NMC, DCI, INC, NCTE, PCI, etc.

c. The UGC Expert Committee would inspect the University within 3 months of the receipt of the information (Annexure-I) for assessment of infrastructure and other facilities available with the University. The report submitted by the UGC Expert Committee would be sent to the University within 2 weeks of the completion of the visit for comments.

d. The University may respond to the report within a period of two weeks after its receipt. In case no comments are received from the University within the time frame, it would be presumed that the University has no comments to offer and further action would be taken on the report. After receipt of comments from the University, the report and comments received from the University, if any, would be placed before a Standing Committee of the UGC. The recommendations of the Standing Committee would be then placed before the Commission for consideration.

e. The Commission shall take final decision in the matter. It may require the University to submit further compliance report in respect of the observations/suggestions of the UGC Expert Committee/Standing Committee. The compliance report submitted by the University shall be placed before the Commission for consideration.

f. On approval of the Commission, a letter would be issued by the UGC to the effect that the University fulfills the criteria in terms of programmes, faculty, infrastructural facilities, financial viability, etc. as laid down from time to time by the UGC and other concerned statutory bodies.

g. If it is found that the Private University has, even after getting an opportunity to do so, failed to comply with the provisions of the various UGC Regulations including UGC (Establishment of and maintenance of standards in Private Universities) Regulations, 2003 and suggestions given by the UGC Expert Committee, the Commission may pass an order prohibiting the University from offering any course for the award of the degree and/or the post-graduate degree/diploma, as the case may be, till the deficiency is rectified.

h. The UGC may also take necessary action against a University awarding a first degree and /or a post-graduate degree, which are not specified by the UGC and inform the public in general through a public notification.

4. As per the judgment of the Hon'ble Supreme Court in the case of Prof. Yashpal Vs. State of Chhattisgarh, there is no provision to have Regional Centres / off-campus centres beyond the territorial jurisdiction of the State. In view of the judgement of Hon'ble apex court, the University is requested to adhere to the following:-

a. No off-campus centre(s) is opened by the University outside the territorial jurisdiction of the State in view of the judgement of Hon'ble Supreme Court of India in case of Prof. Yashpal Vs. State of Chhattisgarh.

b. In case the University has already started any off campus centre outside the State, it must be closed down immediately. It may also be ensured that any off campus centre within the State shall be opened only as per the provision laid down in the UGC (Establishment of and maintenance of standards in Private Universities) Regulations, 2003 and with the prior approval of UGC.

c. The University shall not have any affiliated Colleges.

d. The University must ensure that there is no franchising of higher education even for the purpose of distance education.

e. The University has to follow University Grants Commission (Minimum Standards and Procedures for Award of Ph.D.Degree) Regulations, 2022, as amended from time to time.

25 JAN 2023

5. No Open and Distance Learning programmes and on-line programmes shall be started without the prior recognition of UGC. Relevant UGC Regulations are available on the UGC website www.ugc.ac.in.
6. The University is required to follow the UGC Notification on Specification of Degrees 2014 and its amendments issued from time to time wherein consolidated list of UGC approved nomenclature of degrees has been specified under Section 22 of the UGC Act, 1956 wherein entry level of each degree has been provided. The approved nomenclature may be followed by the specific area of specialization to be reflected in the parentheses. The universities can award only such degrees as specified by UGC. This notification is available on the UGC website www.ugc.ac.in under the link https://www.ugc.ac.in/pdfnews/1061840_specification-of-degrees-july-2014.pdf.
7. The University is required to follow the UGC (Establishment of and Maintenance of Standards in Private Universities) Regulation, 2003 and other Regulations issued from time to time and posted on UGC website www.ugc.ac.in for compliance by all HEIs.

Encl as above.

Yours faithfully,

**(R.I.S Bhardwaj)**
Under Secretary

इसे वेबसाईट **www.govtpressmp.nic.in** से भी डाउन लोड किया जा सकता है.


# मध्यप्रदेश राजपत्र

## ( असाधारण )

## प्राधिकार से प्रकाशित

क्रमांक 91] भोपाल, मंगलवार, दिनांक 22 फरवरी 2022—फाल्गुन 3, शक 1943


### विधि और विधायी कार्य विभाग

भोपाल, दिनांक 22 फरवरी 2022

क्र. 2402-47-इक्कीस-अ(प्रा.).—भारत के संविधान के अनुच्छेद 213 के अधीन मध्यप्रदेश के राज्यपाल द्वारा प्रख्यापित किया गया निम्नलिखित अध्यादेश सर्वसाधारण की जानकारी हेतु प्रकाशित किया जाता है.

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,
**आर. पी. गुप्ता,** अवर सचिव.

# मध्यप्रदेश अध्यादेश

क्रमांक १ सन् २०२२

## मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) संशोधन अध्यादेश, २०२२

[''मध्यप्रदेश राजपत्र (असाधारण)'' में दिनांक २२ फरवरी, २०२२ को प्रथमबार प्रकाशित किया गया.]

भारत गणराज्य के तिहत्तरवें वर्ष में राज्यपाल द्वारा प्रख्यापित किया गया.

**मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, २००७ को और संशोधित करने हेतु अध्यादेश.**

यतः, राज्य के विधान-मण्डल का सत्र चालू नहीं है और मध्यप्रदेश के राज्यपाल का यह समाधान हो गया है कि ऐसी परिस्थितियाँ विद्यमान हैं जिनके कारण यह आवश्यक हो गया है कि वे तुरन्त कार्रवाई करें.

अतएव, भारत के संविधान के अनुच्छेद २१३ के खण्ड (१) द्वारा प्रदत्त शक्तियों को प्रयोग में लाते हुए मध्यप्रदेश के राज्यपाल निम्नलिखित अध्यादेश प्रख्यापित करते हैं :—

**संक्षिप्त नाम.**

१. इस अध्यादेश का संक्षिप्त नाम मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) संशोधन अध्यादेश, २०२२ है.

**मध्यप्रदेश अधिनियम क्रमांक १७ सन् २००७ का अस्थायी रूप से संशोधन किया जाना.**

२. इस अध्यादेश के प्रवर्तित रहने की कालावधि के दौरान, मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, २००७ (क्रमांक १७ सन् २००७) (जो इसमें इसके पश्चात् मूल अधिनियम के नाम से निर्दिष्ट है) धारा ३ में विनिर्दिष्ट संशोधनों के अध्यधीन रहते हुए प्रभावी होगा.

**अनुसूची का संशोधन.**

३. मूल अधिनियम की अनुसूची में, अनुक्रमांक ४० तथा उससे संबंधित प्रविष्टियों के पश्चात्, निम्नलिखित अनुक्रमांक तथा उनसे संबंधित प्रविष्टियां जोड़ी जाएं, अर्थात् :—

| अनु-क्रमांक (१) | निजी विश्वविद्यालय का नाम (२) | प्रायोजी निकाय का नाम (३) | प्रायोजी निकाय की स्थापना की पद्धति (४) | मुख्य परिसर (५) | अधिकारिता (६) |
|---|---|---|---|---|---|
| ''४१. | प्रेस्टीज विश्वविद्यालय, इन्दौर. | प्रेस्टीज एज्यूकेशन फाउन्डेशन, इंदौर. | कंपनी अधिनियम, २०१३ (२०१३ का १८) के अधीन रजिस्ट्रीकृत कंपनी. | प्रेस्टीज विश्वविद्यालय, ग्राम-रिंगनोदिया, इन्दौर-उज्जैन स्टेट हाइवे, इन्दौर. | सम्पूर्ण मध्यप्रदेश |
| ४२. | टाइम्स विश्वविद्यालय, भोपाल. | साईंनाथ एज्यूकेशनल ट्रस्ट, आगरा (उ. प्र.) | भारतीय न्यास अधिनियम, १८८२ (१८८२ का २) के अधीन रजिस्ट्रीकृत लोक न्यास. | टाइम्स विश्वविद्यालय, सेमरा सैयद, तहसील हुजूर, जिला भोपाल. | सम्पूर्ण मध्यप्रदेश |
| ४३. | डॉ. प्रीति ग्लोबल विश्वविद्यालय, शिवपुरी. | लक्ष्मण सेठ एज्यूकेशन फाउन्डेशन, झांसी (उ. प्र.) | कंपनी अधिनियम, १९५६ (१९५६ का १) के अधीन रजिस्ट्रीकृत कंपनी. | डॉ. प्रीति ग्लोबल विश्वविद्यालय, ग्राम-दिनारा, तहसील-करेरा, जिला-शिवपुरी. | सम्पूर्ण मध्यप्रदेश |
| ४४. | एल एन सी टी विद्यापीठ विश्वविद्यालय, इंदौर. | श्री आस्था फाउन्डेशन फॉर एज्यूकेशन सोसाइटी, इंदौर. | मध्यप्रदेश सोसाइटी रजिस्ट्रीकरण अधिनियम, १९७३ (क्रमांक ४४ सन् १९७३) के अधीन रजिस्ट्रीकृत सोसाइटी. | एल एन सी टी केम्पस, ग्राम-कनाड़िया, कनाड़िया रोड, इंदौर. | सम्पूर्ण मध्यप्रदेश.''. |

भोपाल :
तारीख २१ फरवरी, २०२२.

**मंगुभाई छ. पटेल**
राज्यपाल,
मध्यप्रदेश.

भोपाल, दिनांक 22 फरवरी 2022

क्र. 2402-47-इक्कीस-अ(प्रा.).—भारत के संविधान के अनुच्छेद 348 के खण्ड (3) के अनुसरण में, मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) संशोधन अध्यादेश, 2022 (क्रमांक 1 सन् 2022) का अंग्रेजी अनुवाद राज्यपाल के प्राधिकार से एतद्द्वारा प्रकाशित किया जाता है.

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,
आर. पी. गुप्ता, अवर सचिव.

## MADHYA PRADESH ORDINANCE
## No. 1 OF 2022

## THE MADHYA PRADESH NIJI VISHWAVIDYALAYA (STHAPANA AVAM SANCHALAN) SANSHODHAN ADHYADESH, 2022

**[First published in the "Madhya Pradesh Gazette (Extra-ordinary)", dated the 22nd February, 2022.]**

Promulgated by the Governor in the seventy third year of the Republic of India.

**An Ordinance further to amend the Madhya Pradesh Niji Vishwavidyalaya (Sthapana Avam Sanchalan) Adhiniyam, 2007.**

WHEREAS the State Legislature is not in session and the Governor of Madhya Pradesh is satisfied that circumstances exist which render it necessary for him to take immediate action;

NOW, THEREFORE, in exercise of the powers conferred by clause (1) of Article 213 of the Constitution of India, the Governor of Madhya Pradesh is pleased to promulgate the following Ordinance :—

**Short title.**

1. This Ordinance may be called the Madhya Pradesh Niji Vishwavidyalaya (Sthapana Avam Sanchalan) Sanshodhan Adhyadesh, 2022.

**Madhya Pradesh Act No. 17 of 2007 to be temporarily amended.**

2. During the period of operation of this Ordinance, the Madhya Pradesh Niji Vishwavidyalaya (Sthapana Avam Sanchalan) Adhiniyam, 2007 (No. 17 of 2007) (hereinafter referred to as the principal Act) shall have effect subject to the amendments specified in Section 3.

**Amendment of Schedule.**

3. In the Schedule to the principal Act, after serial number 40 and entries relating thereto, the following serial number and entries relating thereto shall be added, namely :—

| S. No. | Name of Private university | Name of sponsoring body | Mode of forming sponsoring body | Main campus | Jurisdiction |
|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| "41. | Prestige University Indore. | Prestige Education Foundation, Indore. | Company registered under the Companies Act, 2013 (No. 18 of 2013). | Prestige University, Gram-Ringnodia, Indore-Ujjain State Highway, Indore. | Whole of Madhya Pradesh. |
| 42. | Times University Bhopal. | Sainth Educational Trust, Agra (U. P.) | Public Trust, registered under the Indian Trusts Act, 1882 (No. 2 of 1882). | Times University, Semra Saiyad, Tehsil Huzur, District Bhopal. | Whole of Madhya Pradesh. |
| 43. | Dr. Preeti Global University Shivpuri. | Laxman Seth Education Foundation, Jhansi (U. P.) | Company registered under the Companies Act, 1956 (No. 1 of 1956). | Dr. Preeti Global University, Gram-Dinara, Tehsil-Karera, District Shivpuri. | Whole of Madhya Pradesh. |
| 44. | LNCT Vidhyapeeth University Indore. | Shri Astha Foundation, for Education Society, Indore. | Registered society under the Madhya Pradesh Society Registrikaran Adhiniyam, 1973 (No. 44 of 1973). | LNCT Campus, Village-Kanadiya, Kanadiya Road, Indore. | Whole of Madhya Pradesh.". |

BHOPAL :
Dated, the 21st February, 2022.

MANGUBHAI C. PATEL
*Governor,*
*Madhya Pradesh.*

नियंत्रक, शासकीय मुद्रण तथा लेखन सामग्री, मध्यप्रदेश द्वारा शासकीय केन्द्रीय मुद्रणालय, भोपाल से मुद्रित तथा प्रकाशित—2022.

क्र. 132/म.प्र.नि.वि.वि.आयोग,भोपाल/अका–1/2023–24 दिनांक 17/1/24

**//आदेश//**

प्रायोजी संस्था लक्ष्मण सेठ एजुकेशनल फाऊण्डेशन ट्रस्ट, शिवपुरी द्वारा जिले में निजी विश्वविद्यालय की स्थापना हेतु प्रस्तुत परियोजना प्रस्ताव क्रं. 2020/12 दिनांक 08/03/2020 एवं अनुपालन प्रस्ताव 12.01.2021 में प्रस्तावित निजी विश्वविद्यालय के एकल मुख्य परिसर में संस्था द्वारा पूर्व से संचालित निजी महाविद्यालयों को भविष्य में विश्वविद्यालय की संघटक ईकाई के रूप में सम्मिलित किए जाने का उल्लेख किया गया था।

डॉ. प्रीति ग्लोबल विश्वविद्यालय, शिवपुरी की स्थापना मध्यप्रदेश विधानसभा द्वारा पारित अधिनियम के द्वारा हुई जिसकी अधिसूचना क्र. 91 दिनांक 22.02.2022 को मध्यप्रदेश राजपत्र में प्रकाशित हुई। विश्वविद्यालय के कुलपति द्वारा पत्र एलएसईएफ/13 दिनांक 22.06.2023 एवं क्रमांक डीपीजीयु/12/ए दिनांक 19.09.2023 के माध्यम से विश्वविद्यालय के मुख्य परिसर स्थित महाविद्यालयों को मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 यथासंशोधित 2013 एवं 2016 की धारा 9 (क) के प्रावधानों के अंतर्गत विश्वविद्यालय की संघटक ईकाई के रूप में मान्य करने हेतु आवश्यक प्रपत्र में राजीव गॉधी प्रौद्योगिकी विश्वविद्यालय, भोपाल एवं जीवाजी विश्वविद्यालय, ग्वालियर से अनापत्ति प्रमाण पत्र एवं केन्द्र/राज्य की विभिन्न विनियामक परिषदों की अनुमति हेतु आवेदन की प्रति संलग्न कर आवेदन प्रस्तुत किया गया।

विश्वविद्यालय द्वारा प्रस्तुत प्रस्ताव का परीक्षण किया गया जिसमें जीवाजी विश्वविद्यालय, ग्वालियर से संबंद्ध लक्ष्मण सेठ एज्यूकेशनल कॉलेज, करैरा शिवपुरी एवं राजीव गांधी प्रौद्योगिकी विश्वविद्यालय, भोपाल से संबंद्ध लक्ष्मण सेठ फार्मेसी कॉलेज, ग्राम दिनारा, तहसील करेरा, जिला शिवपुरी में संचालित पाठ्यक्रमों को शैक्षणिक सत्र 2023–24 से असंबद्ध किया गया है। भारतीय भेषजी परिषद् द्वारा लक्ष्मण सेठ फार्मेसी कॉलेज, शिवपुरी को एंव राष्ट्रीय अध्यापक शिक्षक परिषद् द्वारा लक्ष्मण सेठ एजुकेशनल कॉलेज, शिवपुरी को फैकल्टी ऑफ एजुकेशन एवं फिजिकल एजुकेशन में परिवर्तित करके डॉ प्रीति ग्लोबल विश्वविद्यालय, शिवपुरी के अंतर्गत परीक्षा प्राधिकारी/सम्बंद्ध इकाई हेतु अनुमति प्रदान की गई है।

विश्वविद्यालय द्वारा प्रस्तुत आवेदन एवं संलग्न सहपत्रों के परीक्षण हेतु कार्यालयीन पत्र कमांक 2707/म.प्र.नि.वि.वि.आयोग, भोपाल/अका–1/2023–24 दिनांक 03/11/2023 के द्वारा एक सदस्य समिति का गठन किया गया। समिति द्वारा अधिनियम की धारा 9(क)(ख) के अंतर्गत की गई जांच उपरांत प्रस्तुत प्रतिवेदन एवं मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 यथासंशोधित 2013 एवं 2016 की धारा 9(क)(3) में विनिर्दिष्ट प्रावधानांतर्गत तथा आयोग सभा की 188 वीं बैठक दिनांक 20.12.2023 में निर्णय के अनुक्रम में डॉ. प्रीति ग्लोबल विश्वविद्यालय, शिवपुरी के मुख्य परिसर स्थित निम्नलिखित दो महाविद्यालयों को संघटक ईकाईयों के रूप में सशर्त एवं प्रावधिक रूप से मान्य किया जाता है:–

1. लक्ष्मण सेठ फार्मेसी कॉलेज, शिवपुरी
2. लक्ष्मण सेठ एजुकेशनल कॉलेज, शिवपुरी

निरंतर.....

उक्त महाविद्यालयों में संचालित किए जाने वाले पाठ्यक्रमों का विवरण निम्नानुसार है:–

| क्र. | संस्था का नाम | संकाय का नाम | पाठ्यक्रम का नाम | वर्तमान में स्वीकृत सीट संख्या (9 बी अनुसार) | प्रस्तावित नवीन/ वृद्धि सीट संख्या | स्वीकृत कुल सीट संख्या | संबधित विनियामक परिषद् का आदेश क्रमांक एवं दिनांक | प्रकाशित अध्यादेश क्रमांक |
|---|---|---|---|---|---|---|---|---|
| 1- | Laxman Seth Education College | Faculty of Education & Physical Education | Bachelor of Education (B.Ed.) | 50 | - | 50 | F.No. WRC/APP2597& APP 2700/B.Ed. & B.P.E.D./391st/M. P./2023/223892 Date-08.08.2023 | 32 |
| | | | Bachelor of Physical Education (B.P.Ed.) | 100 | - | 100 | | 36 |
| 2- | Laxman Seth Pharmacy College | Faculty of Pharmacy | Diploma in Pharmacy | 60 | - | 60 | PCI- 1200/2022 Date- 27.09.2023 | 55 |
| | | | Bachelor in Pharmacy | 100 | - | 100 | | 56 |

मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम की धारा 9(क) की उपधारा (1) से (4) तक में अंतर्विष्ट किसी बात के होते हुए भी इस धारा के अधीन किए गए आदेश में विनिर्दिष्ट तारीख के पूर्व उक्त महाविद्यालयों में प्रवेशित छात्र विद्यमान विश्वविद्यालयों के विद्यार्थी बने रहेगें।

विश्वविद्यालय में संचालित पाठ्यक्रमों से संबंधित विनियामक परिषदों से नियमानुसार प्राप्त अनुमति के आधार पर प्रतिवर्ष पाठ्यक्रम में प्रवेश किया जाएगा।

**शर्त :–**

1. उपरोक्त पाठ्यक्रमों के संचालन हेतु यू.जी.सी. एवं अन्य संबधित परिषदों, के मापण्दडों के अनुसार अनिवार्य रूप से अनुमति प्राप्त होने की शर्त पर उपरोक्त पाठ्यक्रमों को संचालित करने की अनुमति प्रदान की जाती है।
2. उपरोक्त पाठ्यक्रमों के संचालन हेतु यू.जी.सी. एवं अन्य संबधित परिषदों मापण्दडों के अनुसार शैक्षणिक स्टाफ की नियुक्ति सुनिश्चित की जाना अनिवार्य होगा।
3. विश्वविद्यालय में संचालित पाठ्यक्रमों में विद्यार्थियों के प्रवेश संबन्धित विनियामक परिषदों की गाईडलाईन के अनुसार दिये जायेगें।
4. पाठ्यक्रम संचालन से संबंधित विनियामक परिषद की अनुमति प्रतिवर्ष नियमानुसार प्राप्त की जायेगी।
5. विश्वविद्यालय अनुदान आयोग द्वारा निर्धारित की गई गाईड लाईन/मापदण्डों का पालन सुनिशिचत किया जाना अनिवार्य होगा।
6. विश्वविद्यालय को उच्च शिक्षा विभाग, म.प्र. शासन एवं म.प्र.नि.वि.वि.वि. आयोग के द्वारा समय–समय पर जारी निर्देशों का पालन सुनिश्चित करना होगा।
7. विश्वविद्यालय अनुदान आयोग नई दिल्ली से निरीक्षण कराना अनिवार्य होगा तथा नेक प्रत्यायन एवं मूल्याकन अनिवार्यतः कराना होगा।
8. व्यवसायिक पाठ्यक्रमों हेतु मानक एजेंसियों से ग्रेडिंग/मूल्याकंन आवश्यक रूप से प्राप्त करना होगा तथा पाठ्यक्रमों की गुणवत्ता सुनिश्चित करने हेतु रेंकिंग संस्था/ऐजेंसियो के मापदण्डों की पूर्ति करना होगा।
9. यू.जी.सी. के प्रावधानानुसार पाठ्यक्रमों में प्रवेशित विद्यार्थियों का डिप्लोमा, डिग्री एवं अन्य शैक्षणिक प्रमाण पत्रों का डिजिटल रिकार्ड (एन.ए.डी.) संधारित करना होगा।

निरंतर....

10. पाठ्यक्रमों के संचालन में किसी प्रकार की अनियमितता पाये जाने पर एवं निरीक्षण के दौरान किसी प्रकार की न्यूनता पाये जाने पर नियमानुसार अनुमति निरस्त की जावेगी।

**(अध्यक्ष, महो. द्वारा अनुमोदित)**

**प्रबंधक (वित्त एवं प्रशासन)**
**म0प्र0नि0वि0वि0वि0आयोग, भोपाल**
**दिनांक**

**पृष्ठांकन...../म.प्र.नि.वि.वि.वि.आयोग/भोपाल**
**प्रतिलिपि :–**

1. मान.अध्यक्ष महोदय, म.प्र.नि.वि.वि.वि.आयोग, भोपाल की ओर सूचनार्थ।
2. मूल नस्ति।
3. गार्ड फाइल।

**प्रबंधक (वित्त एवं प्रशासन)**
**म0प्र0नि0वि0वि0वि0आयोग, भोपाल**

# म.प्र. निजी विश्वविद्यालय विनियामक आयोग, भोपाल
मध्यप्रदेश शासन
M.P. PRIVATE UNIVERSITY REGULATORY COMMISSION, BHOPAL
Governmernt of Madhya Pradesh


क्र. 128 दिनांक 17/1/24

क्रमांक...../म.प्र.नि.वि.वि.वि.आयोग,भोपाल/अका–1/2023–24

//आदेश//

मध्य प्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 यथासंशोधित 2013 एवं 2016 की धारा 9(ख) में विनिर्दिष्ट प्रावधानों के अंतर्गत गठित की गई निरीक्षण समिति के प्रतिवेदन के आधार पर आयोग की 188 वीं सभा की बैठक दिनांक 20/12/2023 में लिये गये निर्णय के अनुक्रम में डॉ. प्रीति ग्लोबल विश्वविद्यालय, शिवपुरी (म.प्र.) द्वारा संचालित विभाग एल.एस. फार्मेसी कॉलेज के अंतर्गत नवीन पाठ्यक्रम को शैक्षणिक सत्र 2023–24 से तालिका में दर्शित सीट संख्या के अनुसार संचालन करने की कार्योत्तर एवं प्रावधिक अनुमति निम्न शर्तों के अध्यधीन प्रदान की जाती है :–

| क्र. | संकाय का नाम | पाठ्यक्रम का नाम | वर्तमान में स्वीकृत सीट संख्या (9 बी अनुसार) | प्रस्तावित नवीन/ वृद्धि सीट संख्या | स्वीकृत कुल सीट संख्या | संबधित विनियामक परिषद् का आदेश क्रमांक एवं दिनांक | प्रकाशित अध्यादेश क्रमांक |
|---|---|---|---|---|---|---|---|
| 1 | Faculty of Pharmacy | Diploma in Pharmacy | - | 60 | 60 | PCI-6145 Date – 24/05/2023 | 55 |

शर्त :–

1. उपरोक्त पाठ्यक्रमों के संचालन हेतु यू.जी.सी. एवं अन्य संबधित परिषदों के मापण्दडों के अनुसार अनिवार्य रूप से अनुमति प्राप्त होने की शर्त पर उपरोक्त पाठ्यक्रमों को संचालित करने की अनुमति प्रदान की जाती है।

2. उपरोक्त पाठ्यक्रमों के संचालन हेतु यू.जी.सी. एवं अन्य संबधित परिषदों मापण्दडों के अनुसार शैक्षणिक स्टाफ की नियुक्ति सुनिश्चित की जाना अनिवार्य होगा।

3. उपरोक्त पाठ्यक्रमों में विद्यार्थियों के प्रवेश संबन्धित विनियामक परिषदों की गाईडलाईन के अनुसार दिये जायेगें।

4. विश्वविद्यालय अनुदान आयोग द्वारा निर्धारित की गई गाईड लाईन/मापदण्डों का पालन सुनिशिचत किया जाना अनिवार्य होगा।

5. विश्वविद्यालय को उच्च शिक्षा विभाग, म.प्र. शासन एवं म.प्र.नि.वि.वि.वि. आयोग के द्वारा समय–समय पर जारी निर्देशों का पालन सुनिश्चित करना होगा।

6. विश्वविद्यालय अनुदान आयोग नई दिल्ली से निरीक्षण कराना अनिवार्य होगा तथा नेक प्रत्यायन एवं मूल्याकन अनिवार्यतः कराना होगा।

7. व्यवसायिक पाठ्यक्रमों हेतु मानक एजेंसियों से ग्रेडिंग/मूल्याकंन आवश्यक रूप से प्राप्त करना होगा तथा पाठ्यक्रमों की गुणवत्ता सुनिश्चित करने हेतु रैंकिंग संस्था/ऐजेंसियो के मापदण्डों की पूर्ति करना होगा।

निरंतर...

8. यू.जी.सी. के प्रावधानानुसार पाठ्यक्रमों में प्रवेशित विद्यार्थियों का डिप्लोमा, डिग्री एवं अन्य शैक्षणिक प्रमाण पत्रों का डिजिटल रिकार्ड (एन.ए.डी.) संधारित करना होगा।

9. पाठ्यक्रमों के संचालन में किसी प्रकार की अनियमितता पाये जाने पर एवं निरीक्षण के दौरान किसी प्रकार की न्यूनता पाये जाने पर नियमानुसार अनुमति निरस्त की जावेगी।

**(मा. अध्यक्ष महो. द्वारा अनुमोदित)**

Anjali

**प्रबंधक (वित्त एवं प्रशासन)**
**म0प्र0नि0वि0वि0वि0आयोग, भोपाल**

**पृष्ठांकन...../ म.प्र.नि.वि.वि.वि.आयोग,भोपाल/अका–1/2023–24** **दिनांक /01/2024**

**प्रतिलिपि–**

1. निज सहायक के माध्यम से मा. अध्यक्ष महो, म.प्र. नि.वि.वि.वि.आयोग,भोपाल।
2. कुलसचिव, डॉ. प्रीति ग्लोबल विश्वविद्यालय, शिवपुरी (म.प्र.) की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
3. प्रभारी आई.टी. प्रकोष्ठ, म.प्र. नि.वि.वि.वि.आयोग की ओर सूचनार्थ।
4. प्रभारी छात्रवृत्ति प्रकोष्ठ, म.प्र. नि.वि.वि.वि.आयोग की ओर सूचनार्थ।
5. प्रभारी शुल्क नियतन प्रकोष्ठ, म.प्र. नि.वि.वि.वि.आयोग की ओर सूचनार्थ।
6. मूल नस्ती।

**प्रबंधक (वित्त एवं प्रशासन)**
**म0प्र0नि0वि0वि0वि0आयोग, भोपाल**

**University Grants Commission**

**Appendix-VIII**

**Information about the programmes permitted to be offered by the Gazette Notification of the State Government**

इसे वेबसाइट **www.govtpress.nic.in** से भी डाउन लोड किया जा सकता है.



# मध्यप्रदेश राजपत्र

## प्राधिकार से प्रकाशित

क्रमांक 19] भोपाल, शुक्रवार, दिनांक 12 मई 2023—वैशाख 22, शक 1945

## भाग ४

विषय–सूची


| | | | |
|---|---|---|---|
| (क) | (1) मध्यप्रदेश विधेयक, | (2) प्रवर समिति के प्रतिवेदन | (3) संसद् में पुरःस्थापित विधेयक. |
| (ख) | (1) अध्यादेश | (2) मध्यप्रदेश अधिनियम, | (3) संसद् के अधिनियम. |
| (ग) | (1) प्रारूप नियम, | (2) अन्तिम नियम. | |


## भाग ४ (क)—कुछ नहीं

## भाग ४ (ख)

### अध्यादेश

**उच्च शिक्षा विभाग**

मंत्रालय, वल्लभ भवन, भोपाल

भोपाल, दिनांक 11 मई 2023

क्र. आर–18–सीसी–23–अड़तीस.– मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, 2007 की धारा 28(1) के अनुक्रम में, डॉ. प्रीति ग्लोबल निजी विश्वविद्यालय, शिवपुरी के प्रथम अध्यादेश क्रमांक 01 से 70 तक के साधारण राजपत्र में प्रकाशन राज्य शासन के निर्देशों के अनुसार अधिनियम, 2007 की धारा 35 अनुसार प्रकाशित किया जाता है. संस्था के उक्त अध्यादेश प्रकाशित होने की तारीख से प्रवृत्त होंगे.

**प्रथम अध्यादेश क्रमांक 01 से 70**

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,
**वीरन सिंह भलावी,** अवर सचिव.

# DR. PREETI GLOBAL UNIVERSITY, DINARA-SHIVPURI (MP)

## ORDINANCES

In pursuance of the provisions of sub-section (1) of section 28 of the MP Private University Act 2007, the University herewith makes and submits the Ordinances to the M.P. Private University Regulatory Commission, Bhopal, for its approval.

## ORDINANCES

| Ordinances No | Contents |
|---|---|
| 1 | Admissions |
| 2 | Courses of Studies |
| 3 | Academic Calendar |
| 4 | Examinations and Assessment<br>4(A) New Education Policy<br>4(B) Old Education System |
| 5 | Award of Degrees, Diplomas and Certificates |
| 6 | University Fellowships, Scholarships, Stipends, Medals and Prizes |
| 7 | Institutions of Fellowships, Scholarships, Stipends, Medals and Prizes Instituted by Donors |
| 8. | Conditions of Residence of Students in Hostels |
| 9 | Disciplinary Action against the Students |
| 10 | Manner of Cooperation and Collaboration with Other Universities |
| 11 | Doctor of Philosophy (Ph.D.) Programs |
| | **Faculty Of Art** |
| 12 | Bachelor of Arts (BA) |
| 13 | Master of Arts (MA) |
| | **Faculty of Commerce** |
| 14 | Bachelor of Commerce (B. Com) |
| 15 | Master of Commerce (M. Com) |
| | **Faculty of Home Science** |
| 16 | Bachelor of Science (B.Sc.) Home Science |
| 17 | Master of Science (M.Sc. ) Home Science |

| | |
|---|---|
| | **Faculty of Science** |
| 18 | Bachelor of Science |
| 19 | Master of Science |
| | **The Faculty of Social** |
| 20 | Bachelor of Social Work (BSW) |
| 21 | Master of Social work (MSW) |
| | **Faculty of Library Sciences** |
| 22 | Bachelor of Library Sciences |
| 23 | Master of Library Sciences |
| | **Faculty of Journalism** |
| 24 | Bachelor of Journalism & Mass Communication |
| 25 | Master of Journalism & Mass Communication |
| | **Faculty of Law** |
| 26 | Bachelor of LAW |
| 27 | B.A. LL.B. / B.A. LL.B. |
| 28 | B.B.A. LL.B. / B.B.A. LL.B. |
| 29 | B.Com. LL.B. / B.Com. LL.B. |
| 30 | Master of LAW (LL.M.) |
| | |
| | **Faculty of Education and Physical Education** |
| 31 | DIPLOMA IN ELEMENTARY EDUCATION (D.El.Ed.) |
| 32 | Bachelor of Education (B.Ed.) |
| 33 | FOUR YEAR INTEGRATED PREGAME OF B.Sc.BEd./ B.A.B.Ed. / B.Com B.Ed |
| 34 | Four-year Integrated Teacher Education Programme (ITEP) |
| 35 | Master of Education (M.Ed.) |

| | |
|---|---|
| 36 | Bachelor of Physical Education (B.P.Ed.) |
| 37 | Master of Physical Education (M.P.Ed.) |
| | **Faculty of Computer Application** |
| 38 | POST GRADUATE DEGREE IN COMPUTER APPLICATION |
| 39 | GRADUATE DEGREE IN COMPUTER APPLICATION |
| 40 | POST GRADUATE DIPLOMA IN COMPUTER APPLICATION |
| 41 | DIPLOMA IN COMPUTER APPLICATION |
| | **Faculty of Management Studies** |
| 42 | Bachelor of Business Administration (BBA) |
| 43 | Master of Business Administration |
| 44 | Post Graduate Diploma Courses in Business Management (PGDBM) |
| 45 | Diploma Courses in Business Management |
| | **Faculty of Hotel Management** |
| 46 | Bachelor in Hotel Management and Catering Technology (BHMCT) |
| 47 | Diploma in Hotel Management and Catering Technology (DHMCT) |
| | **Faculty of Architecture** |
| 48 | Bachelor of Architecture (B.Arch.) |
| 49 | Master of Architecture (M.Arch.) |
| 50 | Diploma in Architecture (D. Arch.). |
| | **Faculty of Engineering** |
| 51 | Diploma Courses of Studies in the Faculty of Engineering (Polytechnic) |
| 52 | Bachelor of Technology (B.Tech.) |
| 53 | Master of Technology (M.Tech.) |

| | |
|---|---|
| 54 | INTEGRATED DUAL DEGREE PROGRAM (I.D.P) (B.TECH. + M.Tech. / MBA ) |
| | **Faculty of Pharmacy** |
| 55 | Diploma in Pharmacy (D.Pharm.) |
| 56 | Bachelor of Pharmacy (B.Pharm.) |
| 57 | Master of Pharmacy (M.Pharm.) |
| | **Faculty of Nursing** |
| 58 | Bachelor of Science (Nursing) |
| 59 | Diploma in General Nursing & Midwifery (GNM) |
| 60 | Post Basic (B.Sc.) Nursing |
| 61 | MASTER OF SCIENCE (NURSING) |
| | |
| | **Faculty of Veterinary** |
| 62 | Bachelor of Veterinary Science & Animal Husbandry (BVSc &AH) |
| 63 | Diploma in Veterinary Science & Animal Husbandry (DVSc &AH) |
| | **Faculty of Ayurveda** |
| 64 | AYURVEDACHARYA (BACHELOR OF AYURVEDIC MEDICINE AND SURGERY) BAMS |
| | **Faculty of Paramedical Science** |
| 65 | BACHELOR OF SCIENCE B.Sc. (PARAMEDICAL & HEALTH SCIENCES) |
| 66 | Bachelor of Science in Medical Laboratory Technology (BMLT) |
| 67 | Diploma in Paramedial Science |
| 68 | CERTIFICATE COURSES In Medical/Nursing/Paramedical |
| 69 | Bachelor of Physiotherapy (B.PT) |
| 70 | Master of Physiotherapy (MPT) |

**University Grants Commission**

**Appendix-IX**

**Information about the programmes now offered**

**For Session 2023-24 :**

| S.No. | Programme | Sanctioned Intake | Actual enrolment |
|---|---|---|---|
| | UG | 2295 | 761 |
| | | | |
| | PG | 1300 | 534 |
| | | | |
| | Diploma | 530 | 331 |
| | | | |
| | PG Diploma | 120 | 114 |
| | | | |
| | Certificate course | - | - |
| | M.Phil | - | - |
| | Ph.D. | - | - |
| | Any other (pl. Specify) | - | - |

**University Grants Commission**

**Appendix-IX**

**Information about the programmes now offered**

**For Session 2024-25 :**

| S.No. | Programme | Sanctioned Intake | Actual enrolment |
|---|---|---|---|
| | UG | 2608 | 1176 |
| | | | |
| | PG | 1300 | 657 |
| | | | |
| | Diploma | 633 | 431 |
| | | | |
| | PG Diploma | 120 | 57 |
| | | | |
| | Certificate course | - | - |
| | M.Phil | - | - |
| | Ph.D. | - | - |
| | Any other (pl. Specify) | - | - |

## University Grants Commission

## Appendix-X

## Information about the approval of the courses by the concerned statutory council(s)

| S.No. | Course | Name of the Statutory Council | Whether approval has been taken |
|---|---|---|---|
| 1. | B.PHARMA | PHARMACY COUNCIL OF INDIA | PCI – 1200 DATE : 27-09-2023<br>PCI – 1200 DATE : 24-05-2023<br>PCI – 1200 DATE : 10-09-2024 |
| 2. | D.PHARMA | PHARMACY COUNCIL OF INDIA | PCI – 1200 DATE : 27-09-2023<br>PCI – 1200 DATE : 24-05-2023<br>PCI – 1200 DATE : 10-09-2024<br>PCI – 6145 DATE : 24-05-2023<br>PCI – 6145 DATE : 11-09-2024 |
| 3. | B.ED. | NCET,NEW DELHI | WRC/A992597APP2700/B.ED.&B.P.ED./391st /M.P./2023/2238992 DATED : 08/08/2023 |
| 4. | B.P.ED. | NCET,NEW DELHI | WRC/A992597APP2700/B.ED.&B.P.ED./391st /M.P./2023/2238992 DATED : 08/08/2023 |
| 5. | LL.B. | BAR COUNCIL OF INDIA | BCI:D:18602023(LE/Std. 18/11/2023) DATED : 02/12/2023 |
| 6. | B.A.LL.B. | BAR COUNCIL OF INDIA | BCI:D:18602023(LE/Std. 18/11/2023) DATED : 02/12/2023 |

# PHARMACY COUNCIL OF INDIA

*A Statutory body under Ministry of Health and Family Welfare*
*Government of India*


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**WEBSITE :** www.pci.nic.in
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Plot No.2, Community Centre
Maa Anandamai Marg
Okhla Phase I
NEW DELHI - 110020


## DECISION LETTER

**Institute Name / Inst ID** L S Pharmacy College / PCI-6145
**State** MADHYA PRADESH
**District** SHIVPURI
**Sub-District** Karera
**Village/Town/City** DINARA
**Pin Code** 473665

**Sir / Madam**

**With reference to the subject cited above i am directed to convey the approval of PCI as per Following Details**

| Course | Name of Affiliation body/University | Decision | Approval Status | Approval Upto | Approval Intake |
|---|---|---|---|---|---|
| D.Pharm | | D.Pharm Grant approval for 2023-2024 academic session for the conduct of 2nd year for 60 admissions for D.Pharm course. Allow 60 admissions in 2023-2024 academic session in 1st year. | Approved | 2023-2024 | 60 |

**Date** 24th May 2023

**For**
**(I/C) Registrar-cum-Secretary**
**PCI**

**Copy to**

**i) Registrar of the University**

**ii) Principal of the college**

**iii) Secretary/Chairman of the Trust/Society**

**iv) Guard File (PCI)**

**Note: Validity of the course details may be verified at** www.pci.nic.in

भारतीय भेषजी परिषद्
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय के अंतर्गत सांविधिक निकाय)
भारत सरकार
एन बी सी सी सैन्टर, तृतीय तल, प्लॉट नम्बर 2,
कॉमुन्युटी सैन्टर, मां आनन्दमयी मार्ग,
ओखला, फेस–I, नई दिल्ली–110020
दूरभाष 011-61299900-03

PHARMACY COUNCIL OF INDIA
(Statutory body under Ministry of Health & Family Welfare)
Government of India
NBCC Centre, 3rd Floor, Plot No. 2,
Community Centre, Maa Anandmai Marg,
Okhla, Phase-I,New Delhi-110020
Telephone No. 011-61299900-03

## DECISION LETTER

| | |
|---|---|
| Institute Name/Inst ID | L S Pharmacy College / PCI-6145 |
| State | MADHYA PRADESH |
| District | - |
| Village/Town/City | DINARA |
| Pin Code | 473665 |

Sir/Madam

With reference to the subject cited above i am directed to convey the approval of PCI as per Following Details

| Course | Name of Affiliation body/University | Decision | Approval Status | Approval Upto | Intake |
|---|---|---|---|---|---|
| D.Pharm | Dr. Preeti Global University, Gram Dinara, Teh. Karera Dist.Shivpuri-473665 (Madhya Pradesh) | 414th EC meeting held on 04.09.2024 has decided as under:<br><br>D.Pharm<br>Grant approval from 2022-2023 to 2024-2025 academic session for 60 admissions u/s 12 of the Pharmacy Act for D.Pharm course.<br><br>The above approval is granted subject to inspection during the year. | Approved | 2024-2025 | 60 |

EC Meeting Number: -

EC Meeting Date: -

Communication Date: 11 Sep 2024

For
Registrar-cum-Secretary
PCI

Copy to

i) Registrar of the University

ii) Principal of the college

iii) Secretary/Chairman of the Trust/Society

iv) Guard File (PCI)

Note: Validity of the course details may be verified at pcionline.co.in

## PCI Approval letter

1 message

**Registrar PCI** <registrar@pci.nic.in> Wed, 27 Sep 2023 at 17:39
To: spogupta@yahoo.com
Cc: rgvpoly@rediffmail.com, dpguindia@gmail.com


भारतीय भेषजी परिषद्
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय के अंतर्गत सांविधिक निकाय)
भारत सरकार
एन बी सी सी सैन्टर, तृतीय तल, प्लॉट नम्बर 2,
कॉमुन्युटी सैन्टर, मां आनन्दमयी मार्ग,
ओखला, फेस–I , नई दिल्ली–110020
दूरभाष: 011-61299900-03
ईमेल registrar@pci.nic.in

कामये दु:खतप्तानाम् प्राणिनामार्तिनाशनम्

PHARMACY COUNCIL OF INDIA
(Statutory body under Ministry of Health & Family Welfare)
Government of India
NBCC Centre, 3rd Floor, Plot No. 2,
Community Centre, Maa Anandmai Marg,
Okhla, Phase-I, New Delhi-110020
Telephone No. 011-61299900-03
E-mail: registrar@pci.nic.in


**E-mail**

Ref. No. PCI-1200/2022

| | |
|---|---|
| The Principal<br>Laxman Seth Pharmacy College<br>Dinara Tah Karera<br>**Dist Shivpuri (Madhya Pradesh)**<br><br>Email- spogupta@yahoo.com | Dr. Preeti Global University,<br>Gram Dinara, Teh. Karera<br>Dist.Shivpuri-473665<br>(Madhya Pradesh).<br>Email- dpguindia@gmail.com |

**Subject: PCI Approval letter.**

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Sir/Madam

With reference to the subject cited above. I am directed to convey the decision regarding change in the name of examining authority of PCI as under-

| S. No. | Institution Name /ID/ Course | From | To |
|---|---|---|---|
| 1. | **MADHYA PRADESH**<br>Laxman Seth Pharmacy CollegeDinara Tah Karera Dist Shivpuri<br><br>**PCI – 1200**<br><br>D.Pharm<br>B.Pharm | The Registrar,<br>Rajiv Gandhi Proudyogiki Vishwavidyalaya<br>Airport, Byepass Road,<br>Gandhi Nagar,<br>Bhopal – 462 036.<br>(Madhya Pradesh) | Dr. Preeti Global University,<br>Gram Dinara, Teh. Karera<br>Dist.Shivpuri-473665<br>(Madhya Pradesh). |

This is for your information.

Yours faithfully

**(PRATIMA TIWARI)**
**Assistant Secretary**




# PHARMACY COUNCIL OF INDIA

*A Statutory body under Ministry of Health and Family Welfare*
*Government of India*


**E - MAIL :** registrar@pci.nic.in
**WEBSITE :** www.pci.nic.in
**Telephone :** 011-61299900
011 - 61299901, 011 - 61299902
011-61299903

NBCC Centre, 3rd Floor
Plot No.2, Community Centre
Maa Anandamai Marg
Okhla Phase I
NEW DELHI - 110020


## DECISION LETTER

**Institute Name / Inst ID** Laxman Seth Pharmacy College Dinara Tah Karera Dist Shivpuri / PCI-1200
**State** MADHYA PRADESH
**District** SHIVPURI
**Sub-District** Karera
**Village/Town/City** DINARA
**Pin Code** 473665

**Sir / Madam**

**With reference to the subject cited above i am directed to convey the approval of PCI as per Following Details**

| Course | Name of Affiliation body/University | Decision | Approval Status | Approval Upto | Approval Intake |
|---|---|---|---|---|---|
| B.Pharm | The Registrar Rajiv Gandhi Proudyogiki Vishwavidyalaya Airport Byepass Raod Gandhi Nagar Bhopal | B.Pharm i) Grant approval from 2019-2020 to 2020-2021 academic session for 60 admissions u/s 12 of the Pharmacy Act. ii) Grant approval for 2021-2022 to 2023-2024 academic session for 100 admissions u/s 12 of the Pharmacy Act. (permitted raise in admission 60 to 100 from 2021-2022 academic session) | Approved | 2023-2024 | 100 |
| D.Pharm | The Registrar Rajiv Gandhi Proudyogiki Vishwavidyalaya Airport Byepass Raod Gandhi Nagar Bhopal | D.Pharm Extend approval upto 2023-2024 academic session for 60 admissions for D.Pharm course. | Approved | 2023-2024 | 60 |

**Date** 24th May 2023

**For**
**(I/C) Registrar-cum-Secretary**
**PCI**

**Copy to**

**i) Registrar of the University**

**ii) Principal of the college**

**iii) Secretary/Chairman of the Trust/Society**

**iv) Guard File (PCI)**

**Note: Validity of the course details may be verified at** www.pci.nic.in

भारतीय भेषजी परिषद्
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय के अंतर्गत सांविधिक निकाय)
भारत सरकार
एन बी सी सी सैन्टर, तृतीय तल, प्लॉट नम्बर 2,
कॉमुन्युटी सैन्टर, मां आनन्दमयी मार्ग,
ओखला, फेस–I, नई दिल्ली–110020
दूरभाष 011-61299900-03

PHARMACY COUNCIL OF INDIA
(Statutory body under Ministry of Health & Family Welfare)
Government of India
NBCC Centre, 3rd Floor, Plot No. 2,
Community Centre, Maa Anandmai Marg,
Okhla, Phase-I,New Delhi-110020
Telephone No. 011-61299900-03

## DECISION LETTER

| | |
|---|---|
| Institute Name/Inst ID | Laxman Seth Pharmacy College Dinara Tah Karera Dist Shivpuri / PCI-1200 |
| State | MADHYA PRADESH |
| District | - |
| Village/Town/City | DINARA |
| Pin Code | 473665 |

Sir/Madam

With reference to the subject cited above i am directed to convey the approval of PCI as per Following Details

| Course | Name of Affiliation body/University | Decision | Approval Status | Approval Upto | Intake |
|---|---|---|---|---|---|
| B.Pharm | Dr. Preeti Global University, Gram Dinara, Teh. Karera Dist.Shivpuri-473665 (Madhya Pradesh) | 412nd/EC held on 10.8.2024, decision is as under :-<br><br>B.Pharm<br>Extend approval upto 2024-2025 academic session for 100 admissions for B.Pharm course.<br><br>(To Permitted raise in admission 60 to 100 from 2021-2022 academic session is already Approved)<br><br>The above extension of approval is granted subject to inspection throughout the year. | Approved | 2024-2025 | 100 |
| D.Pharm | Dr. Preeti Global University, Gram Dinara, Teh. Karera Dist.Shivpuri-473665 (Madhya Pradesh) | 412nd/EC held on 10.8.2024, decision is as under :-<br><br>D.Pharm<br>Extend approval upto 2024-2025 academic session for 60 admissions for D.Pharm course.<br><br>The above extension of approval is granted subject to inspection throughout the year. | Approved | 2024-2025 | 60 |

EC Meeting Number: -

EC Meeting Date: -

Communication Date: 10 Sep 2024

For
Registrar-cum-Secretary
PCI

Copy to

i) Registrar of the University

ii) Principal of the college

iii) Secretary/Chairman of the Trust/Society

iv) Guard File (PCI)

Note: Validity of the course details may be verified at pcionline.co.in

राष्ट्रीय अध्यापक शिक्षा परिषद
(भारत सरकार का एक विधिक संस्थान)

गुरुर्गुरुतमो धाम
NCTE

**National Council for Teacher Education**
(A Statutory Body of the Government of India)
**Western Regional Committee**

**TO BE PUBLISHED IN GAZETTE OF INDIA PART III SECTION 4**

**F. NO. WRC/APP2597&APP2700/B.Ed. & B.P.Ed./391st/M.P./2023** 223892 **Date:** 08/08/2023

**ORDER**

**WHEREAS,** the recognition was granted to LAXMAN SETH EDUCATION COLLEGE, PLOT NO-66, VILLAGE-DINARA, POST OFFICE-DINARA, TEHSIL-KARERA, CITY-DINARA, DISTRICT-SHIVPURI, MADHYA PRADESH-473665 for B.Ed. Course vide order No. WRC/APP2597/ 223 / 245th / 2016/162382 dated 03.03.2016 for intake of 50 students and for B.P.Ed. Course vide order No. WRC/APP2700/224/ 245th / B.P.Ed. / {M.P.} / 2016/162757 dated 03.03.2016 for intake of 100 students respectively.

2. **AND WHEREAS**, the above institution is running under the Laxman Seth Educational Foundation, Plot No-66, Street-Shivpuri Road, Village+Post Office-Dinara, District-Shivpuri, Madhya Pradesh.

3. **AND WHEREAS**, the above society has created University namely Dr. Preeti Global University, Shivpuri, Madhya Pradesh by the Act, passed by the Govt. of Madhya Pradesh and requested to convert the above institution as Faculty of Education & Physical Education, Dr. Preeti Global University, Shivpuri, Madhya Pradesh for its B.Ed. and B.P.Ed. Course.

4. **AND WHEREAS**, the case of the above institution was considered by the Western Regional Committee (WRC), NCTE in its 391st meeting held on 03rd-04th August, 2023 and WRC decided that "on creation of Dr. Preeti Global University, Shivpuri, M.P. by the Govt. of Madhya Pradesh, under Laxman Seth Educational Foundation the institution namely Laxman Seth Education College, Shivpuri, run under the Laxman Seth Education Foundation is hereby converted as Faculty of Education & Physical Education, Dr. Preeti Global University, Shivpuri, Madhya Pradesh for its B.Ed. and B.P.Ed. Courses. Order to Change the name of the institution and affiliating body be issued accordingly."

5. **NOW, THEREFORE**, In terms of above decision taken by WRC, the above institution namely Laxman Seth Education College, Plot No-66, Street-66, Village-Dinara, Post Office-Dinara, District-Shivpuri, Madhya Pradesh is hereby converted as Faculty of Education & Physical Education, Dr. Preeti Global University, Shivpuri, Madhya Pradesh for its above B.Ed. and B.P.Ed. Course with the change of affiliating University from Jiwaji University, Gwalior to Dr. Preeti Global University, Shivpuri.

07/08/2023

**(Ravindra Singh)**
**Regional Director**

To,
The Manager,
Government of India Press,
Department of Publications (Gazette Section),
Civil Lines, Delhi-110054.

**Cont...2**

Copy to:

1. **The Principal**, Laxman Seth Education College, Plot No-66, Street-66, Village-Dinara, Post Office-Dinara, District-Shivpuri, Madhya Pradesh-473665.
2. **The Secretary**, Laxman Seth Educational Foundation, Plot No-66, Street-Shivpuri Road, Village+Post Office-Dinara, District-Shivpuri, Madhya Pradesh473665.
3. **The Registrar,** Dr. Preeti Global University, Shivpuri, Madhya Pradesh.
4. **The Registrar**, Jiwaji University, Gwalior, Madhya Pradesh.
5. **The Secretary**, Department of Higher Education, Govt. of M.P, Satpura Bhawan, Bhopal, Madhya Pradesh.
6. **The Secretary,** Department of School Education & Literacy, Ministry of Education, Government of India, Shastri Bhawan, New Delhi - 110001.
7. **The Under Secretary, IT and e-Governance,** National Council for Teacher Education, G-7, Sector – 10, Dwarka, New Delhi – 110075.
8. **IT Section, NCTE, G-7, Sector-10, Dwarka, New Delhi-110075.**
9. **Office file- APP2597 & APP2700 (B.Ed. & B.P.Ed.)**

**Regional Director**

E-mail : bciinfo21@gmail.com
info@barcouncilofindia.org
Website : www.barcouncilofindia.org

Tel. :(91) 011-4922 5000
Fax :(91) 011-4922 5011

# भारतीय विधिज्ञ परिषद्
# BAR COUNCIL OF INDIA

(Statutory Body Constituted under the Advocates Act, 1961)
21, Rouse Avenue Institutional Area, Near Bal Bhawan, New Delhi - 110002

**BCI: D: 1860 : 2023 (LE/Std. 18.11.2023)** **02.12.2023**

| | |
|---|---|
| **1.** | **The Registrar,**<br>**Dr. Preeti Global University,**<br>**Village Dinara, Tehsil Karera,**<br>**District Shivpuri,**<br>**Madhya Pradesh-473665** |
| **2.** | **The Dean/HOD,**<br>**Faculty of Law,**<br>**Dr. Preeti Global University,**<br>**Village Dinara, Tehsil Karera,**<br>**District Shivpuri,**<br>**Madhya Pradesh-473665**<br>**dpguindia@gmail.com** |

**Sub: Recognition to Dr. Preeti Global University, Shivpuri, Madhya Pradesh as per Section 7(1)(i) of the Advocates Act, 1961 for the purpose of conferring the Degrees in Law and fresh approval to its Faculty of Law, Dr. Preeti Global University, Shivpuri, Madhya Pradesh for imparting three year LL.B course and five year BA LL.B course with intake of two sections of 60 students in each course for a period of two years i.e. for the academic years 2023-2024 and 2024-2025.**

Sir/Ma'am,

This is to bring to your kind knowledge that the Standing Committee of Legal Education Committee of Bar Council of India by virtue of its meeting held on 18th November 2023 considered the matter of Dr. Preeti Global University, Shivpuri, Madhya Pradesh.

After consideration, recognition has been granted to Dr. Preeti Global University, Shivpuri, Madhya Pradesh as per Section 7(1)(i) of the Advocates Act, 1961 for the purpose of conferring the Degrees in Law and also granted fresh approval to its Faculty of Law, Dr. Preeti Global University, Shivpuri, Madhya Pradesh for imparting three year LL.B course and five year BA LL.B course with intake of two sections of 60 students in each course for a period of two years i.e. for the academic years 2023-2024 and 2024-2025.

**Specific conditions imposed by the inspection team and approved by the Committee which are required to be complied with are as follows :-**

1. Faculty of Law, Dr. Preeti Global Universityshould give salary to all of its teachers as per UGC scale and through bank transfer only. Faculty of Law, Dr. Preeti Global Universitymust maintain students and core faculty ratio at 40:1. The College is required to recruit Associate Professors and Professors on priority basis.

Typed by : SG

2. Faculty of Law, Dr. Preeti Global Universityhas to ensure that only those students are *allowed to appear in End Semester tests who do not fail to attend minimum number of classes/moot court/practical training etc* in terms of rule 12 of Chapter II of Legal Education Rules, 2008 and also to maintain credible record reflecting such attendance.

3. Faculty of Law, Dr. Preeti Global Universityshould*buy more reference books & text books of latest edition* worth minimum of Rs Ten (10) Lakhs.Faculty of Law, Dr. Preeti Global Universityshould subscribe adequate numbers of Journals including Local/Regional Law Journals. The online provision needs to be added to the library. The constituent Assembly Debates needs to kept in the library. Atleast 20 Computers should be in the library. The library needs to be kept open for the reasonable time. The overall infra structure of the library was found very weak. The whole library needs to be upgraded within no time. The management must subscribe Indian Bar Review and purchase set of selected judgments on professional Ethics published by the Bar Council of India Trust. The reading space for the students should be created on immediate basis.

4. Faculty of Law, Dr. Preeti Global Universityshould also *develop e-library by subscribing to e-law journals of repute* and by buying e-data based law journals in terms of clause 15 of Schedule III of Rules of Legal Education.

5. Faculty of Law, Dr. Preeti Global Universityhas to *set up/create/establish a smart Moot Court. The existing moot court needs to be developed.* The moot court is to put under the supervision/management of some senior Professors and a regular practicing advocate and to maintain a regular record of all its activities. Moot Court exercise to be done on regular basis to ensure that each student participates in it. New chairs for Judges as well as for the students need to be purchased for the moot court room. The portrait of Mahatma Gandhi and Dr. B.R. Ambedkar to be installed in the moot court room. The inspecting team got assurance from the management regarding removal of all above shortcomings in moot court within 30 days from the date of approval. Faculty of Law, Dr. Preeti Global Universityhas to ensure that moot court exercises, court visits and internship in terms of clause 24 of Part II (B) of Schedule III of Rules of Legal Education, 2008 are done on regular basis.

6. Faculty of Law, Dr. Preeti Global Universityhas to provide free legal aid services to public at large of the locality by adequate publicity in collaboration with the District Legal Services Authority as per

   Clause 11, Schedule- III of Rule 11, Legal Education Rules, 2008 and should also maintain register & records.

7. Faculty of Law, Dr. Preeti Global Universityshould bring *more comfortable chairs in Boy's and Girl's Common Room.* Girls Common Room needs to be improved regarding security & privacy of girl students of Institute.Faculty of Law, Dr. Preeti Global Universityshould keep two beds in the Common rooms and the windows should be covered with curtains in Girls Common Room. Separate Common Room for boys needs to be created on priority basis. Separate washroom facility attached with the common rooms need to be created. Tea makers to be installed in both the common rooms. Medical aid/ facility needs to be kept in the Common Rooms.

Typed by : SG

8. Faculty of Law, Dr. Preeti Global Universityshould*keep the disposal of wastes management properly.*

9. Faculty of Law, Dr. Preeti Global Universityshould *make all provisions including construction of lift & Braille Symbols in its building* to make it more friendly & convenient for the differently abled students considering their right to access.

## AFFIDAVIT-

✓ **----An undertaking of complying with all the conditions mentioned above must be fulfilled/submitted to BCI within 15 days of receipt of this letter.**

✓ **Thereafter compliance has to be done at the earliest, within a period of 6 weeks from the date of receipt of this letter. A compliance affidavit (duly notarized) along with supporting documents has to be filed within the same period.**

You are requested to kindly note that you will be required to seek extension of approval of affiliation for the above said course/s after approval of affiliation given by BCI ceases.

Kindly note that upon grant of approval, it shall be necessary for the Centre of Legal Education to deposit Rupees Five Lakh per course in shape of guarantee fee to fulfill all the norms of the Bar Council of India.

The same shall be liable to be forfeited if norms are not complied with and same shall carry no interest.

The letter is thus also subject to the payment of guarantee amount as mentioned effective from date of approval of affiliation.

**Further details regarding payments including any Institutional Development fee etc, due, if any, shall be intimated to you in due course.**

You may kindly bear in mind that the Bar Council of India is the sole and supreme sanctioning authority for seats and as a general rule it does not allow any supernumerary quota of seats for law degree courses, over and above the sanctioned strength of seats and whatever reservation of seats is to done by the University as a general rule has to be done within sanctioned strength of seats.

## A. Conditions/Rules of Legal Education regarding which compliance affidavit has to be filed.

**-----Further kindly ensure to furnish authenticated and signed bank statements of salary transferred to your faculty bearing bank stamp/seal and signature of the bank manager for a period of three months with effect from the date of receipt of this letter for the preceding period of three months must be furnished immediately. This must be continued to be submitted every three months without fail.**

**Kindly also furnish purchase receipts of Indian Bar Review and other minimum Library requirement , failing which the Centre of Legal Educations shall be liable to the natural consequences, which may include revocation of recognition/approval granted.**

**<u>Centre of Legal Education (CLE) as defined under the Rules of Legal Education stands for the following and is being reproduced below for convenience:</u>**

Typed by : SG

***"Centres of Legal Education" means (a) All approved Departments of Law of Universities, Colleges of Law, Constituent Colleges under recognized Universities and affiliated Colleges or Schools of law of recognized Universities so approved.***

***Provided that a Department or College or Institution conducting correspondence courses through distance education shall not be included.***

## B. The Centre of Legal Education is directed to ensure compliance of the conditions stipulated above and also comply with Legal Education Rules 2008, failure of which may lead to subsequent necessary and proper action being taken in this regard :-

1. The **Centre of Legal Education** is directed to **ensure establishment and continuance** of a Legal Aid Centre as per Clause-11, Schedule-III of Rule-11 of the Part-IV of the Legal Education Rules – 2008. CLE **should keep activated** Legal Aid Clinic.

2. **Centre of Legal Education** must ensure to teach clinical subjects and give marks as per the schedule.

3. **Centre of Legal Education** should ensure the payment of salary to teachers as per Rules 22 schedule III, Part IV of BCI Rules.

4. The library should be furnished as per Clause 15 of Schedule III of Legal Education Rules 2008 given below :-
   **Minimum Library requirement: To start with, a Law Library shall have a set of AIR manual, Combo offer of CD of AIR Pvt. Ltd. (containing electronic version of AIR Supreme Court and High Court Data bases Research 1950-2015 (four connections each) Cr. L.J. Data Base 1950-2015(four connections) AIR Privy Council Data Base 1900-1950 (four connections) AIR Mannual latest 6th Edition(1-45 Vols.) AIR Journal 2015, Cr. L.J. 2015, L.I.C. 2015, AIR Civil Cases 2015, AIR Law Lines 2015, AIR Cheque Dishonour Reports 2015, AIR Accident Claims and compensation 2015, Institution shall get electronic versions updated every year by AIR Pvt. Ltd. Central Acts and Local Acts, Criminal law journal, SCC, Company cases, Indian Bar Review, selected Judgements on Professional Ethics and Journals with the back volumes for at least ten years and also such number of text books in each subjects taught during the period according to the minimum standard ratio of ten books for each registered students. For running integrated program, text books of such other subjects are also to be kept in the similar minimum ratio.**

5. The **Centre of Legal Education** should keep in mind that minimum 10 sets of Indian Bar Review, selected judgments and professional Ethics published by Bar Council of India Trust and the AIR volumes/set must be promptly ordered for the library if not already ordered, as it is an essential requirement to run a law college which is stipulated by Bar Council of India, Legal Education Rules 2008 framed under a Parliament Act.

6. The **Center of Legal Education** is directed to make a minimum investment as provided below for upgrading it's library as per the following guideline :-

   ***"Today with the increasing cost of journals, books, wi-fi, e-library and online facilities including I.T. facilities, the minimum investment by each university should be Rs. 10 lakhs for each year. However for any university/deemed university in rural area, the***

***investment should be Rs. 5 Lakh and for all other affiliated colleges in the urban area it should be Rs. 2 lakhs and in rural area it should be Rs. 1 lakh."***

7. Teacher Student ratio **shall be 1:40** as per Schedule-III, Rule-11, Clause-17, Part-IV of Bar Council of India Rules.

8. **Centre of Legal Education** is directed to inform the timings of the classes.

9. **Centre of Legal Education** must ensure that not less than three percent seats are reserved for persons with disabilities.

10. **Centre of Legal Education** shall equip itself to provide appropriate facilities in terms of the physical infrastructure, academic infrastructure and any other facilities required for the effective participation of disabled students, teachers and staff in their respective activities. For e.g. (a) ramps in public buildings and (b) Braille symbols and auditory signals in elevators or lifts.

**C. Further**, the **Centre of Legal Education** should maintain the timing which has to be minimum 5 ½ hours with half an hour break.

**Rule (xxiii), Chapter I**

**"(xxiii) "Regular Course of Study" means and includes a course which runs for at least five hours a day continuously with an additional half an hour recess every day and running not less than thirty hours of working schedule per week."**

**Rule 5 of Schedule III**

**"Classes may be conducted between 8 a.m. to 7 p.m. in a Centre of Legal Education, which is not fully residential. However the Library may remain open till 10 p.m."**

**D. Further, the Centre of Legal Education should follow the attendance rule and file affidavit that they are following the aforesaid and below mentioned rule. The next inspection team shall also see whether the said rules are being followed by the university or not. The relevant Rule 12 is given below :-**

***"12. End Semester Test: No student of any of the degree program shall be allowed to take the end semester test in a subject if the student concerned has not attended minimum of 70% of the classes held in the subject concerned as also the moot court room exercises, tutorials and practical training conducted in the subject taken together.***

***Provided that if a student for any exceptional reasons fail to attend 70% of the classes held in any subject, the Dean of the University or the Principal of the Centre of Legal Education, as the case may be, may allow the student to take the test if the student concerned attended at least 65% of the classes held in the subject concerned and attended 70% of classes in all the subjects taken together. The similar power shall rest with the Vice Chancellor or Director of a National Law University, or his authorized representative in the absence of the Dean of Law.***

Typed by : SG

***Provided further that a list of such students allowed to take the test with reasons recorded be forwarded to the Bar Council of India."***

**E.** **Centre of Legal Education should also admit students as per the below mentioned Rule:**

7.Minimum marks in qualifying examination for admission: Bar Council of India may from time to time, stipulate the minimum percentage of marks not below 45% of the total marks in case of general category applicants, 42% for OBC category and 40% of the total marks in case of SC and ST applicants, to be obtained for the qualifying examination, such as +2 Examination in case of Integrated Five Years' course or Degree course in any discipline for Three years' LL.B. course, for the purpose of applying for and getting admitted into a Law Degree Program of any recognized University in either of the streams.

Provided that such a minimum qualifying marks shall not automatically entitle a person to get admission into an institution but only shall entitle the person concerned to fulfill other institutional criteria notified by the institution concerned or by the government concerned from time to time to apply for admission.

**F.** **Centre of Legal Education** to follow Clause-24, Schedule-II of Legal Education Rule-2008 lays down Moot Court exercises and Internship; Clause-25, Schedule-III lays down Minimum period of Internship which is quoted hereunder.

***(i)*** ***24. Moot court exercise and Internship:***

***This paper may have three components of 30 marks each and a viva for 10 marks.***

***(a)*** *Moot Court (30 Marks). Every student may be required to do at least three moot courts in a year with 10 marks for each. The moot court work will be on assigned problem and it will be evaluated for 5 marks for written submissions and 5 marks for oral advocacy.*

***(b)*** *Observance of Trial in two cases, one Civil and one Criminal (30 marks):*

*Students may be required to attend two trials in the course of the last two or three years of LL.B. studies. They will maintain a record and enter the various steps observed during their attendance on different days in the court assignment. This scheme will carry 30 marks.*

***(c)*** *Interviewing techniques and Pre-trial preparations and Internship diary (30 marks):*

*Each student will observe two interviewing sessions of clients at the Lawyer's Office/Legal Aid Office and record the proceedings in a diary, which will carry 15 marks. Each student will further observe the preparation of documents and court papers by the Advocate and the procedure for the filing of the suit/petition. This will be recorded in the diary, which will carry 15 marks.*

***(d)****The fourth component of this paper will be Viva Voce examination on all the above three aspects. This will carry 10 marks.*

***(ii)*** ***25. Minimum Period of Internship: (a)*** *Each registered student shall have completed minimum of twelve weeks internship for Three Year Course stream and twenty weeks in case of Five Year Course stream*

*during the entire period of legal studies under NGO, Trial and Appellate Advocates, Judiciary, Legal Regulatory authorities, Legislatures and Parliament, Other Legal Functionaries, Market Institutions, Law Firms, Companies, Local Self Government and other such bodies as the University shall stipulate, where law is practiced either in action or in dispute resolution or in management.*

*Provided that internship in any year cannot be for a continuous period of more than Four Weeks and all students shall at least gone through once in the entire academic period with Trial and Appellate Advocates.*

***(b)** Each student shall keep Internship diary in such form as may be stipulated by the University concerned and the same shall be evaluated by the Guide in Internship and also a Core Faculty member of the staff each time. The total mark shall be assessed in the Final Semester of the course in the 4th Clinical course as stipulated under the Rules in Schedule II.*

**G. <u>Centre of Legal Education</u> should also follow Rule- 10 of Legal Education Rules 2008 which is quoted hereunder :-**

**10. <u>Semester system</u>**

*The course leading to either degree in law, unitary or on integrated double degree, shall be conducted in semester system in not less than 15 weeks for unitary degree course or not less than 18 weeks in double degree integrated course with not less than 30 class-hours per week including tutorials, moot court room exercise and seminars provided there shall be at least 24 lecture hours per week.*

*Provided further that in case of specialized and/or honours law courses there shall be not less than 36 class-hours per week including seminar, moot court and tutorial classes and 30 minimum lecture hours per week.*

*Provided further that Universities are free to adopt trimester system with appropriate division of courses per trimester with each of the trimester not less than 12 weeks.*

**H. <u>Centre of Legal Education</u> should also follow Rule 17 and Rule 18 of Schedule III of Legal Education Rules 2008 which is quoted hereunder :-**

**(i) <u>Rule 17. Core Faculty:</u>**

*There shall be sufficient number of full time faculty members in each Centre of Legal Education ( i.e. ,Department, constituent or affiliated college ) to teach each subject at all point of time for running courses who can be supported by part time or visiting faculty. Such a core faculty shall in no case be less than six in the first year of the approval with both streams in operation, eight in the second year and ten in the case of third year of law courses. In addition, for the integrated course qualification as is required under the UGC guideline or under such other standard setting body as the discipline is allotted to by any Act, statute, or Rules of the Government of India or of a State.*

*For the Three Year Bachelor of Law degree course only with two sections without the Honour program, there shall be minimum of 4 core faculty in the first year six in the second and eight in the third year in addition to the Principal/Head or Dean as the case may be.*

*Provided that an institution intending to run any specialized or honours course must have at least three faculty in the group in which specialization and honours courses are offered.*

*Provided further that each full time faculty shall take as many classes in the subject or subjects as may be assigned to them on the basis of standard prescribed by 'the standard setting institution' like UGC.*

*Provided further, if any institution of a University, which was already affiliated to the University and approved to run professional courses of either scheme or both by the Bar Council of India after inspection of the University, falls short of required full time faculty, the new admission in courses may be required to remain suspended until new required number of faculty is procured. The University shall before starting a new academic session, notify which institutions are only be allowed to admit fresh students.*

*Provided further that if while inspecting the University it was found that in any institution of the University adequate number of full time faculty was not there in the staff, the Bar Council after giving notice to the University might give a public notice directing the University not to admit students in the new academic year in that institution.*

*There shall be adequate faculty in the subjects offered in the liberal educational subjects as part of the course by the institution. These faculties in the liberal educational discipline in Arts, Science, Management, Commerce, Engineering, Technology or any other discipline shall possess*

**(ii) Rule -18 Minimum weekly class program per subject (paper):.**

*There shall be for each paper (with 4 credit) Four class-hours for one hour duration each and one hour of tutorial/ moot court/ project work per week.*

**AFFIDAVIT-**

✓ **Kindly ensure to comply with all the above stipulated and all other requisite Rules of Legal Education 2008 by way of duly notarized compliance affidavit by attaching adequate documentation proof with the same with a period of 6 weeks for being eligible to be issued further Approval for further subsequent academic years and failure to furnish the same shall make the CLE liable to the natural consequences which may include revocation of recognition/approval granted.**

**This letter is subject to final approval/confirmation of the Legal Education Committee and General Council of the Bar Council of India.**

**You are also requested to attach a copy of this letter with your compliance report/reply.**

**It is suggested that all information should be provided to Bar Council of India both in hard and soft copy/pen-drive and by email at** complianceaffiliationle2@gmail.com**.**

This is for your information and necessary action.

**Yours sincerely,**

**(Nalin Raj Chaturvedi)**
**Joint Secretary, BCI**
***[Legal Education Department]***

**(Ashok Kumar Pandey)**
**Joint Secretary**
**HOD, Legal Education Dept.**

Typed by : SG

**University Grants Commission**

**Appendix-XII**

**Information about the complaints received under Grievance Redressal Mechanism**

| S.No. | Name of the complainant | Complaint against | Date of complaint | Action taken by the University |
|---|---|---|---|---|
| NO COMPLAINTS HAVE BEEN RECEIVED TILL DATE | | | | |

## University Grants Commission

## Appendix-XVII

## Information about the composition of the statutory bodies of the University

Separately for Governing Board, Executive Council, Board of Management, Academic Council, Finance Committee, Board of Studies, Others

Ref. No. DPGU/2025/BOM/025

Date. 10/02/2025

## MINUTES OF MEETING

### Board of Management

Meeting of Board of Management of the University was held in the conference hall of Dr. Preeti Global University, Shivpuri on 10-02-2025 at 02:30 pm Under the Chairmanship of Dr. Dileep Sharma Vice-Chancellor of the University the Following Members were present in the meeting

| S.No. | Name | Organisation | Designation | Signatur |
|---|---|---|---|---|
| 1 | Dr. Dileep Sharma | DPGU ( Vice-Chancellor) | Chairperson | |
| 2 | Dr. Sanjeev Gupta | LSEP | Director | |
| 3 | Dr. Preeti Gupta | LSEP | Director | |
| 4 | State Govt. Nominee-1 | State Govt. | Waiting | |
| 5 | State Govt. Nominee-2 | State Govt. | Waiting | |
| 6 | Dr. Neelam Verma | DPGU | Member | Neelam V. |
| 7 | Mr. Amit Sahu | DPGU | Member | |
| 8 | Mr. Ankur Agarwal | DPGU | Member | |
| 9 | Mr. Harikishan Prajapati | DPGU | Member | |
| 10 | Mr. Ajay Rai | DPGU (Registrar) | Member Secratary | |

The Meeting started with Dr. Dileep Sharma Chairperson Welcoming all the members present In the meeting-

The Board of Management has discussed the agenda items & Following decision has been taken.

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

01/07

The following new courses & seat enhancement of courses of the University, as recommended by the Academic Council of the University, were discussed and approved. The committee also directed to send proposal to start new courses & seat enhancement to MPPURC, Bhopal for approval and further processing. The details of courses are as follows-

| S.No. | Department Name (Want to conduct university courses) | Name of Course | Branch | "Currently Sanctioned Seat Number (Section According to 9'B') (To enhancement seats in already running courses) According to 9'B') (To enhancement seats in the already running course) | Proposed enhancement in seat number | Proposed new seat number (for conducting new course) | Total number of seats proposed | "Published in the Gazette serial number of ordinance" |
|---|---|---|---|---|---|---|---|---|
| 1 | FACULTY OF AGRICULTURE | Bachelor of Science (B.Sc.) | Agriculture | - | - | 300 | 300 | 71 |
| 2 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | AGRONOMY | - | - | 30 | 30 | 72 |
| 3 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | GENETICS & PLANT BREEDING | - | - | 30 | 30 | 72 |
| 4 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | HORTICULTURE | - | - | 30 | 30 | 72 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agricultu re | SOIL SCIENCE | - | - | 30 | 30 | 72 |
| 6 | FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCE | Bachelor of Fine Arts (BFA) | PLAIN | - | - | 180 | 180 | 80 |
| 7 | FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCE | Master of Arts (MA) | Yoga | - | - | 60 | 60 | 13 |
| 8 | FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCE | Master of Fine Arts (MFA) | PLAIN | - | - | 90 | 90 | 81 |
| 9 | FACULTY OF BUSINESS ADMINISTRAT ION | Master of Business Administ ration (MBA) | E – Commer ce | - | - | 180 | 180 | 43 |
| 10 | FACULTY OF BUSINESS ADMINISTRAT ION | Master of Business Administ ration (MBA) | Supply Chain Manage ment | - | - | 180 | 180 | 43 |
| 11 | FACULTY OF BUSINESS ADMINISTRAT ION | Master of Business Administ ration (MBA) | HOSPIT AL | 60 | 180 | - | 103 | 43 |
| 12 | FACULTY OF BUSINESS ADMINISTRAT ION | Master of Business Administ | HOTEL | 50 | 180 | - | 93 | 43 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | ration (MBA) | | | | | | |
| 13 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | FINANCE | 40 | 180 | - | 83 | 43 |
| 14 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | HR | 40 | 180 | - | 83 | 43 |
| 15 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | MARKETING | 40 | 180 | - | 83 | 43 |
| 16 | FACULTY OF COMPUTER APPLICATION | Diploma in Computer Application (DCA) | PLAIN | 120 | 300 | - | 161 | 41 |
| 17 | FACULTY OF COMPUTER APPLICATION | PG Diploma in Computer Application (PGDCA) | PLAIN | 120 | 300 | - | 160 | 40 |
| 18 | FACULTY OF COMPUTER APPLICATION | Master of Computer Application (MCA) | PLAIN | 60 | 180 | - | 98 | 38 |
| 19 | FACULTY OF EDUCATION & PHYSICAL | Bachelor of Physical | PLAIN | - | - | 120 | 120 | 76 |

Registrar
Dr. Preeti Global University
Dinara Shivpuri (M.P.)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | EDUCATION | Education & Sports (BPES) | | | | | | |
| 20 | FACULTY OF EDUCATION & PHYSICAL EDUCATION | Master of Physical Education & Sports (MPES) | PLAIN | - | - | 60 | 60 | 79 |
| 21 | FACULTY OF ENGINEERING | Bachelor of Technology (B.Tech) | Chemical Engg. | - | - | 120 | 120 | 52 |
| 22 | FACULTY OF ENGINEERING | Bachelor of Technology (B.Tech) | Fire Safety | - | - | 120 | 120 | 52 |
| 23 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | Chemical Engg. | - | - | 120 | 120 | 51 |
| 24 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | Electrical & Electronic Engg. | - | - | 120 | 120 | 51 |
| 25 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | Fire Safety | - | - | 120 | 120 | 51 |
| 26 | FACULTY OF ENGINEERING | Master of Technology (M.Tech.) | Environment Engg. | - | - | 60 | 60 | 53 |
| 27 | FACULTY OF ENGINEERING | Master of Technology | Highway Technology | - | - | 60 | 60 | 53 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | (M.Tech.) | | | | | | |
| 28 | FACULTY OF ENGINEERING | Master of Technology (M.Tech.) | Construction Technology & Management | - | - | 60 | 60 | 53 |
| 29 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | CE | 60 | 180 | - | 111 | 51 |
| 30 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | CSE | 60 | 180 | - | 111 | 51 |
| 31 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | EE | 60 | 180 | - | 111 | 51 |
| 32 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | ME | 60 | 180 | - | 111 | 51 |
| 33 | FACULTY OF LIBRARY SCIENCE | Bachelor of Library Science (B.Lib) | PLAIN | 80 | 300 | - | 102 | 22 |
| 34 | FACULTY OF SCIENCE | Bachelor of Science (B.Sc.) | Embryology | - | - | 120 | 120 | 18 |
| 35 | FACULTY OF SCIENCE | Master of Science (M.Sc.) | Embryology | - | - | 60 | 60 | 19 |
| 36 | FACULTY OF VOCATIONAL STUDIES | B.Voc | PLAIN | - | - | 300 | 300 | 86 |
| 37 | FACULTY OF VOCATIONAL STUDIES | M.Voc | PLAIN | - | - | 300 | 300 | 87 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

06/03

The Meeting concluded with vote of Thanks form Mr. Ajay Rai (Registrar)

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

Registrar
Dr. Preeti Global University
Shivpuri (M.P.)

Copy To:

1. Chairman & All Member of Governing Body
2. Secretary to Hon'ble Chancellor

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

Registrar
Dr. Preeti Global University
Shivpuri (M.P.)

Ref. No. DPGU/2025/BOM/025

Date. 10/02/2025

## MINUTES OF MEETING

### Board of Management

Meeting of Board of Management of the University was held in the conference hall of Dr. Preeti Global University, Shivpuri on 10-02-2025 at 02:30 pm Under the Chairmanship of Dr. Dileep Sharma Vice-Chancellor of the University the Following Members were present in the meeting

| S.No. | Name | Organisation | Designation | Signatur |
|---|---|---|---|---|
| 1 | Dr. Dileep Sharma | DPGU ( Vice-Chancellor) | Chairperson | |
| 2 | Dr. Sanjeev Gupta | LSEP | Director | |
| 3 | Dr. Preeti Gupta | LSEP | Director | |
| 4 | State Govt. Nominee-1 | State Govt. | Waiting | |
| 5 | State Govt. Nominee-2 | State Govt. | Waiting | |
| 6 | Dr. Neelam Verma | DPGU | Member | Neelam V. |
| 7 | Mr. Amit Sahu | DPGU | Member | |
| 8 | Mr. Ankur Agarwal | DPGU | Member | |
| 9 | Mr. Harikishan Prajapati | DPGU | Member | |
| 10 | Mr. Ajay Rai | DPGU (Registrar) | Member Secratary | |

The Meeting started with Dr. Dileep Sharma Chairperson Welcoming all the members present In the meeting-

The Board of Management has discussed the agenda items & Following decision has been taken.

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

01/07

The following new courses & seat enhancement of courses of the University, as recommended by the Academic Council of the University, were discussed and approved. The committee also directed to send proposal to start new courses & seat enhancement to MPPURC, Bhopal for approval and further processing. The details of courses are as follows-

| S.No. | Department Name (Want to conduct university courses) | Name of Course | Branch | "Currently Sanctioned Seat Number (Section According to 9'B') (To enhancement seats in already running courses) According to 9'B') (To enhancement seats in the already running course) | Proposed enhancement in seat number | Proposed new seat number (for conducting new course) | Total number of seats proposed | "Published in the Gazette serial number of ordinance" |
|---|---|---|---|---|---|---|---|---|
| 1 | FACULTY OF AGRICULTURE | Bachelor of Science (B.Sc.) | Agriculture | - | - | 300 | 300 | 71 |
| 2 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | AGRONOMY | - | - | 30 | 30 | 72 |
| 3 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | GENETICS & PLANT BREEDING | - | - | 30 | 30 | 72 |
| 4 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | HORTICULTURE | - | - | 30 | 30 | 72 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agricultu re | SOIL SCIENCE | - | - | 30 | 30 | 72 |
| 6 | FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCE | Bachelor of Fine Arts (BFA) | PLAIN | - | - | 180 | 180 | 80 |
| 7 | FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCE | Master of Arts (MA) | Yoga | - | - | 60 | 60 | 13 |
| 8 | FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCE | Master of Fine Arts (MFA) | PLAIN | - | - | 90 | 90 | 81 |
| 9 | FACULTY OF BUSINESS ADMINISTRAT ION | Master of Business Administ ration (MBA) | E – Commer ce | - | - | 180 | 180 | 43 |
| 10 | FACULTY OF BUSINESS ADMINISTRAT ION | Master of Business Administ ration (MBA) | Supply Chain Manage ment | - | - | 180 | 180 | 43 |
| 11 | FACULTY OF BUSINESS ADMINISTRAT ION | Master of Business Administ ration (MBA) | HOSPIT AL | 60 | 180 | - | 103 | 43 |
| 12 | FACULTY OF BUSINESS ADMINISTRAT ION | Master of Business Administ | HOTEL | 50 | 180 | - | 93 | 43 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | ration (MBA) | | | | | | |
| 13 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | FINANCE | 40 | 180 | - | 83 | 43 |
| 14 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | HR | 40 | 180 | - | 83 | 43 |
| 15 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | MARKETING | 40 | 180 | - | 83 | 43 |
| 16 | FACULTY OF COMPUTER APPLICATION | Diploma in Computer Application (DCA) | PLAIN | 120 | 300 | - | 161 | 41 |
| 17 | FACULTY OF COMPUTER APPLICATION | PG Diploma in Computer Application (PGDCA) | PLAIN | 120 | 300 | - | 160 | 40 |
| 18 | FACULTY OF COMPUTER APPLICATION | Master of Computer Application (MCA) | PLAIN | 60 | 180 | - | 98 | 38 |
| 19 | FACULTY OF EDUCATION & PHYSICAL | Bachelor of Physical | PLAIN | - | - | 120 | 120 | 76 |

Registrar
Dr. Preeti Global University
Dinara Shivpuri (M.P.)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | EDUCATION | Education & Sports (BPES) | | | | | | |
| 20 | FACULTY OF EDUCATION & PHYSICAL EDUCATION | Master of Physical Education & Sports (MPES) | PLAIN | - | - | 60 | 60 | 79 |
| 21 | FACULTY OF ENGINEERING | Bachelor of Technology (B.Tech) | Chemical Engg. | - | - | 120 | 120 | 52 |
| 22 | FACULTY OF ENGINEERING | Bachelor of Technology (B.Tech) | Fire Safety | - | - | 120 | 120 | 52 |
| 23 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | Chemical Engg. | - | - | 120 | 120 | 51 |
| 24 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | Electrical & Electronic Engg. | - | - | 120 | 120 | 51 |
| 25 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | Fire Safety | - | - | 120 | 120 | 51 |
| 26 | FACULTY OF ENGINEERING | Master of Technology (M.Tech.) | Environment Engg. | - | - | 60 | 60 | 53 |
| 27 | FACULTY OF ENGINEERING | Master of Technology | Highway Technology | - | - | 60 | 60 | 53 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | (M.Tech.) | | | | | | |
| 28 | FACULTY OF ENGINEERING | Master of Technology (M.Tech.) | Construction Technology & Management | - | - | 60 | 60 | 53 |
| 29 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | CE | 60 | 180 | - | 111 | 51 |
| 30 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | CSE | 60 | 180 | - | 111 | 51 |
| 31 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | EE | 60 | 180 | - | 111 | 51 |
| 32 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | ME | 60 | 180 | - | 111 | 51 |
| 33 | FACULTY OF LIBRARY SCIENCE | Bachelor of Library Science (B.Lib) | PLAIN | 80 | 300 | - | 102 | 22 |
| 34 | FACULTY OF SCIENCE | Bachelor of Science (B.Sc.) | Embryology | - | - | 120 | 120 | 18 |
| 35 | FACULTY OF SCIENCE | Master of Science (M.Sc.) | Embryology | - | - | 60 | 60 | 19 |
| 36 | FACULTY OF VOCATIONAL STUDIES | B.Voc | PLAIN | - | - | 300 | 300 | 86 |
| 37 | FACULTY OF VOCATIONAL STUDIES | M.Voc | PLAIN | - | - | 300 | 300 | 87 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

06/03

The Meeting concluded with vote of Thanks form Mr. Ajay Rai (Registrar)

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

Registrar
Dr. Preeti Global University
Shivpuri (M.P.)

Copy To:

1. Chairman & All Member of Governing Body
2. Secretary to Hon'ble Chancellor

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

Registrar
Dr. Preeti Global University
Shivpuri (M.P.)

Ref. No. DPGU/2025/AC/015 Date...10/02/2025.....

## MINUTES OF MEETING

### Academic Council

Meeting of Academic Council of the University was held in the conference hall of Dr. Preeti Global University, Shivpuri on 10-02-2025 at 12:00 PM Under the Chairmanship of Dr. Dileep Sharma Vice-Chancellor of the University the Following Members were present in the meeting-

| S.No. | Name | Organisation | Designation | Signatur |
|---|---|---|---|---|
| 1 | Dr. Dileep Sharma | DPGU ( Vice-Chancellor) | Chairperson | |
| 2 | Dr. Vijay Bharadwaj | Medical college Jhansi | VC Nomanee | |
| 3 | Dr. Pramod Gupta | Medical college Jhansi | VC Nomanee | |
| 4 | Dr. Anil Gupta | DPGU | Member | |
| 5 | Dr. Devesh Sharma | DPGU | Member | |
| 6 | Dr. Abhishek Gupta | DPGU | Member | |
| 7 | Dr. Raghav Agrawal | DPGU | Member | |
| 8 | Dr. Vikash Sharma | DPGU | Member | |
| 9 | Mr Ajay Rai | DPGU (Registrar) | Member Secratary | |
| 10 | Govt. Nomanee | State Govt. | Waiting | — |

The Meeting started with Dr. Dileep Sharma Chairperson Welcoming all the members present in the meeting -

The agenda was for approving the new courses & seat enhancement of courses of the university. Prepared in consultation of Board of Studies (BOS) and subject experts were discussed and approved. Academic Council decided to send the proposal to MPPURC.

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

01/06

Bhopal for consideration as per provision of MPPURC, Bhopal, Act after approval of Board of Management (BOM).

The List of new courses & seat enhancement of courses are as under-

**List of Courses**

| S.No. | Department Name (Want to conduct university courses) | Name of Course | Branch | "Currently Sanctioned Seat Number (Section According to 9'B') (To enhancement seats in already running courses) According to 9'B') (To enhancement seats in the already running course) | Proposed enhancement in seat number | Proposed new seat number (for conducting new course) | Total number of seats proposed | "Published in the Gazette serial number of ordinance |
|---|---|---|---|---|---|---|---|---|
| 1 | FACULTY OF AGRICULTURE | Bachelor of Science (B.Sc.) | Agriculture | - | - | 300 | 300 | 71 |
| 2 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | AGRONOMY | - | - | 30 | 30 | 72 |
| 3 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | GENETICS & PLANT BREEDING | - | - | 30 | 30 | 72 |
| 4 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | HORTICULTURE | - | - | 30 | 30 | 72 |
| 5 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | SOIL SCIENCE | - | - | 30 | 30 | 72 |
| 6 | FACULTY OF ARTS, HUMANITIES AND SOCIAL | Bachelor of Fine Arts (BFA) | PLAIN | - | - | 180 | 180 | 80 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

02/06

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | SCIENCE | | | | | | | |
| 7 | FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCE | Master of Arts (MA) | Yoga | - | - | 60 | 60 | 13 |
| 8 | FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCE | Master of Fine Arts (MFA) | PLAIN | - | - | 90 | 90 | 81 |
| 9 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | E – Commerce | - | - | 180 | 180 | 43 |
| 10 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | Supply Chain Management | - | - | 180 | 180 | 43 |
| 11 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | HOSPITAL | 60 | 180 | - | 103 | 43 |
| 12 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | HOTEL | 50 | 180 | - | 93 | 43 |
| 13 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | FINANCE | 40 | 180 | - | 83 | 43 |
| 14 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | HR | 40 | 180 | - | 83 | 43 |
| 15 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | MARKETING | 40 | 180 | - | 83 | 43 |
| 16 | FACULTY OF COMPUTER APPLICATION | Diploma in Computer Application (DCA) | PLAIN | 120 | 300 | - | 161 | 41 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 17 | FACULTY OF COMPUTER APPLICATION | PG Diploma in Computer Applicatio n (PGDCA) | PLAIN | 120 | 300 | - | 160 | 40 |
| 18 | FACULTY OF COMPUTER APPLICATION | Master of Computer Applicatio n (MCA) | PLAIN | 60 | 180 | - | 98 | 38 |
| 19 | FACULTY OF EDUCATION & PHYSICAL EDUCATION | Bachelor of Physical Education & Sports (BPES) | PLAIN | - | - | 120 | 120 | 76 |
| 20 | FACULTY OF EDUCATION & PHYSICAL EDUCATION | Master of Physical Education & Sports (MPES) | PLAIN | - | - | 60 | 60 | 79 |
| 21 | FACULTY OF ENGINEERING | Bachelor of Technolog y (B.Tech) | Chemical Engg. | - | - | 120 | 120 | 52 |
| 22 | FACULTY OF ENGINEERING | Bachelor of Technolog y (B.Tech) | Fire Safety | - | - | 120 | 120 | 52 |
| 23 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechn ic) | Chemical Engg. | - | - | 120 | 120 | 51 |
| 24 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechn ic) | Electrical & Electronic Engg. | - | - | 120 | 120 | 51 |
| 25 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechn ic) | Fire Safety | - | - | 120 | 120 | 51 |
| 26 | FACULTY OF ENGINEERING | Master of Technolog y (M.Tech.) | Environm ent Engg. | - | - | 60 | 60 | 53 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

04/04

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 27 | FACULTY OF ENGINEERING | Master of Technology (M.Tech.) | Highway Technology | - | - | 60 | 60 | 53 |
| 28 | FACULTY OF ENGINEERING | Master of Technology (M.Tech.) | Construction Technology & Management | - | - | 60 | 60 | 53 |
| 29 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | CE | 60 | 180 | - | 111 | 51 |
| 30 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | CSE | 60 | 180 | - | 111 | 51 |
| 31 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | EE | 60 | 180 | - | 111 | 51 |
| 32 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | ME | 60 | 180 | - | 111 | 51 |
| 33 | FACULTY OF LIBRARY SCIENCE | Bachelor of Library Science (B.Lib) | PLAIN | 80 | 300 | - | 102 | 22 |
| 34 | FACULTY OF SCIENCE | Bachelor of Science (B.Sc.) | Embryology | - | - | 120 | 120 | 18 |
| 35 | FACULTY OF SCIENCE | Master of Science (M.Sc.) | Embryology | - | - | 60 | 60 | 19 |
| 36 | FACULTY OF VOCATIONAL STUDIES | B.Voc | PLAIN | - | - | 300 | 300 | 86 |
| 37 | FACULTY OF VOCATIONAL STUDIES | M.Voc | PLAIN | - | - | 300 | 300 | 87 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

The Meeting concluded with vote of Thanks form Mr Ajay Rai (Registrar)

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

Registrar
Dr. Preeti Global University,
Shivpuri (M.P.)

Copy To:

1. Chairman & All Member of Governing Body
2. Secretary to Hon'ble Chancellor

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

Registrar
Dr. Preeti Global University
Shivpuri (M.P.)

Ref. No. DPGU/2025/AC/015 Date...10/02/2025.....

## MINUTES OF MEETING

### Academic Council

Meeting of Academic Council of the University was held in the conference hall of Dr. Preeti Global University, Shivpuri on 10-02-2025 at 12:00 PM Under the Chairmanship of Dr. Dileep Sharma Vice-Chancellor of the University the Following Members were present in the meeting-

| S.No. | Name | Organisation | Designation | Signatur |
|---|---|---|---|---|
| 1 | Dr. Dileep Sharma | DPGU ( Vice-Chancellor) | Chairperson | |
| 2 | Dr. Vijay Bharadwaj | Medical college Jhansi | VC Nomanee | |
| 3 | Dr. Pramod Gupta | Medical college Jhansi | VC Nomanee | |
| 4 | Dr. Anil Gupta | DPGU | Member | |
| 5 | Dr. Devesh Sharma | DPGU | Member | |
| 6 | Dr. Abhishek Gupta | DPGU | Member | |
| 7 | Dr. Raghav Agrawal | DPGU | Member | |
| 8 | Dr. Vikash Sharma | DPGU | Member | |
| 9 | Mr Ajay Rai | DPGU (Registrar) | Member Secratary | |
| 10 | Govt. Nomanee | State Govt. | Waiting | — |

The Meeting started with Dr. Dileep Sharma Chairperson Welcoming all the members present in the meeting -

The agenda was for approving the new courses & seat enhancement of courses of the university. Prepared in consultation of Board of Studies (BOS) and subject experts were discussed and approved. Academic Council decided to send the proposal to MPPURC.

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

01/06

Bhopal for consideration as per provision of MPPURC, Bhopal, Act after approval of Board of Management (BOM).

The List of new courses & seat enhancement of courses are as under-

**List of Courses**

| S.No. | Department Name (Want to conduct university courses) | Name of Course | Branch | "Currently Sanctioned Seat Number (Section According to 9'B') (To enhancement seats in already running courses) According to 9'B') (To enhancement seats in the already running course) | Proposed enhancement in seat number | Proposed new seat number (for conducting new course) | Total number of seats proposed | "Published in the Gazette serial number of ordinance |
|---|---|---|---|---|---|---|---|---|
| 1 | FACULTY OF AGRICULTURE | Bachelor of Science (B.Sc.) | Agriculture | - | - | 300 | 300 | 71 |
| 2 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | AGRONOMY | - | - | 30 | 30 | 72 |
| 3 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | GENETICS & PLANT BREEDING | - | - | 30 | 30 | 72 |
| 4 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | HORTICULTURE | - | - | 30 | 30 | 72 |
| 5 | FACULTY OF AGRICULTURE | Master of Science (M.Sc.) Agriculture | SOIL SCIENCE | - | - | 30 | 30 | 72 |
| 6 | FACULTY OF ARTS, HUMANITIES AND SOCIAL | Bachelor of Fine Arts (BFA) | PLAIN | - | - | 180 | 180 | 80 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

02/06

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | SCIENCE | | | | | | | |
| 7 | FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCE | Master of Arts (MA) | Yoga | - | - | 60 | 60 | 13 |
| 8 | FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCE | Master of Fine Arts (MFA) | PLAIN | - | - | 90 | 90 | 81 |
| 9 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | E – Commerce | - | - | 180 | 180 | 43 |
| 10 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | Supply Chain Management | - | - | 180 | 180 | 43 |
| 11 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | HOSPITAL | 60 | 180 | - | 103 | 43 |
| 12 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | HOTEL | 50 | 180 | - | 93 | 43 |
| 13 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | FINANCE | 40 | 180 | - | 83 | 43 |
| 14 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | HR | 40 | 180 | - | 83 | 43 |
| 15 | FACULTY OF BUSINESS ADMINISTRATION | Master of Business Administration (MBA) | MARKETING | 40 | 180 | - | 83 | 43 |
| 16 | FACULTY OF COMPUTER APPLICATION | Diploma in Computer Application (DCA) | PLAIN | 120 | 300 | - | 161 | 41 |

Registrar
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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 17 | FACULTY OF COMPUTER APPLICATION | PG Diploma in Computer Applicatio n (PGDCA) | PLAIN | 120 | 300 | - | 160 | 40 |
| 18 | FACULTY OF COMPUTER APPLICATION | Master of Computer Applicatio n (MCA) | PLAIN | 60 | 180 | - | 98 | 38 |
| 19 | FACULTY OF EDUCATION & PHYSICAL EDUCATION | Bachelor of Physical Education & Sports (BPES) | PLAIN | - | - | 120 | 120 | 76 |
| 20 | FACULTY OF EDUCATION & PHYSICAL EDUCATION | Master of Physical Education & Sports (MPES) | PLAIN | - | - | 60 | 60 | 79 |
| 21 | FACULTY OF ENGINEERING | Bachelor of Technolog y (B.Tech) | Chemical Engg. | - | - | 120 | 120 | 52 |
| 22 | FACULTY OF ENGINEERING | Bachelor of Technolog y (B.Tech) | Fire Safety | - | - | 120 | 120 | 52 |
| 23 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechn ic) | Chemical Engg. | - | - | 120 | 120 | 51 |
| 24 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechn ic) | Electrical & Electronic Engg. | - | - | 120 | 120 | 51 |
| 25 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechn ic) | Fire Safety | - | - | 120 | 120 | 51 |
| 26 | FACULTY OF ENGINEERING | Master of Technolog y (M.Tech.) | Environm ent Engg. | - | - | 60 | 60 | 53 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

04/04

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 27 | FACULTY OF ENGINEERING | Master of Technology (M.Tech.) | Highway Technology | - | - | 60 | 60 | 53 |
| 28 | FACULTY OF ENGINEERING | Master of Technology (M.Tech.) | Construction Technology & Management | - | - | 60 | 60 | 53 |
| 29 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | CE | 60 | 180 | - | 111 | 51 |
| 30 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | CSE | 60 | 180 | - | 111 | 51 |
| 31 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | EE | 60 | 180 | - | 111 | 51 |
| 32 | FACULTY OF ENGINEERING | Diploma in Engg. (Polytechnic) | ME | 60 | 180 | - | 111 | 51 |
| 33 | FACULTY OF LIBRARY SCIENCE | Bachelor of Library Science (B.Lib) | PLAIN | 80 | 300 | - | 102 | 22 |
| 34 | FACULTY OF SCIENCE | Bachelor of Science (B.Sc.) | Embryology | - | - | 120 | 120 | 18 |
| 35 | FACULTY OF SCIENCE | Master of Science (M.Sc.) | Embryology | - | - | 60 | 60 | 19 |
| 36 | FACULTY OF VOCATIONAL STUDIES | B.Voc | PLAIN | - | - | 300 | 300 | 86 |
| 37 | FACULTY OF VOCATIONAL STUDIES | M.Voc | PLAIN | - | - | 300 | 300 | 87 |

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

The Meeting concluded with vote of Thanks form Mr Ajay Rai (Registrar)

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

Registrar
Dr. Preeti Global University,
Shivpuri (M.P.)

Copy To:

1. Chairman & All Member of Governing Body
2. Secretary to Hon'ble Chancellor

Registrar
Dr. Preeti Global University
Dinara, Shivpuri (M.P.)

Registrar
Dr. Preeti Global University
Shivpuri (M.P.)

इसे वेबसाइट **www.govtpress.nic.in** से भी डाउन लोड किया जा सकता है.

# मध्यप्रदेश राजपत्र

## प्राधिकार से प्रकाशित

क्रमांक 19] भोपाल, शुक्रवार, दिनांक 12 मई 2023—वैशाख 22, शक 1945

## भाग ४

### विषय—सूची


| | | | |
|---|---|---|---|
| (क) | (1) मध्यप्रदेश विधेयक, | (2) प्रवर समिति के प्रतिवेदन | (3) संसद् में पुरःस्थापित विधेयक. |
| (ख) | (1) अध्यादेश | (2) मध्यप्रदेश अधिनियम, | (3) संसद् के अधिनियम. |
| (ग) | (1) प्रारूप नियम, | (2) अन्तिम नियम. | |


## भाग ४ (क)—कुछ नहीं

## भाग ४ (ख)

## अध्यादेश

### उच्च शिक्षा विभाग

मंत्रालय, वल्लभ भवन, भोपाल

भोपाल, दिनांक 11 मई 2023

क्र. आर—18—सीसी—23—अड़तीस.— मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, 2007 की धारा 28(1) के अनुक्रम में, डॉ. प्रीति ग्लोबल निजी विश्वविद्यालय, शिवपुरी के प्रथम अध्यादेश क्रमांक 01 से 70 तक के साधारण राजपत्र में प्रकाशन राज्य शासन के निर्देशों के अनुसार अधिनियम, 2007 की धारा 35 अनुसार प्रकाशित किया जाता है. संस्था के उक्त अध्यादेश प्रकाशित होने की तारीख से प्रवृत्त होंगे.

**प्रथम अध्यादेश क्रमांक 01 से 70**

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,
**वीरन सिंह भलावी,** अवर सचिव.

# DR. PREETI GLOBAL UNIVERSITY, DINARA-SHIVPURI (MP)

## ORDINANCES

In pursuance of the provisions of sub-section (1) of section 28 of the MP Private University Act 2007, the University herewith makes and submits the Ordinances to the M.P. Private University Regulatory Commission, Bhopal, for its approval.

## ORDINANCES

| Ordinances No | Contents |
|---|---|
| 1 | Admissions |
| 2 | Courses of Studies |
| 3 | Academic Calendar |
| 4 | Examinations and Assessment<br>4(A) New Education Policy<br>4(B) Old Education System |
| 5 | Award of Degrees, Diplomas and Certificates |
| 6 | University Fellowships, Scholarships, Stipends, Medals and Prizes |
| 7 | Institutions of Fellowships, Scholarships, Stipends, Medals and Prizes Instituted by Donors |
| 8. | Conditions of Residence of Students in Hostels |
| 9 | Disciplinary Action against the Students |
| 10 | Manner of Cooperation and Collaboration with Other Universities |
| 11 | Doctor of Philosophy (Ph.D.) Programs |
| | **Faculty Of Art** |
| 12 | Bachelor of Arts (BA) |
| 13 | Master of Arts (MA) |
| | **Faculty of Commerce** |
| 14 | Bachelor of Commerce (B. Com) |
| 15 | Master of Commerce (M. Com) |
| | **Faculty of Home Science** |
| 16 | Bachelor of Science (B.Sc.) Home Science |
| 17 | Master of Science (M.Sc. ) Home Science |

| | |
|---|---|
| | **Faculty of Science** |
| 18 | Bachelor of Science |
| 19 | Master of Science |
| | **The Faculty of Social** |
| 20 | Bachelor of Social Work (BSW) |
| 21 | Master of Social work (MSW) |
| | **Faculty of Library Sciences** |
| 22 | Bachelor of Library Sciences |
| 23 | Master of Library Sciences |
| | **Faculty of Journalism** |
| 24 | Bachelor of Journalism & Mass Communication |
| 25 | Master of Journalism & Mass Communication |
| | **Faculty of Law** |
| 26 | Bachelor of LAW |
| 27 | B.A. LL.B. / B.A. LL.B. |
| 28 | B.B.A. LL.B. / B.B.A. LL.B. |
| 29 | B.Com. LL.B. / B.Com. LL.B. |
| 30 | Master of LAW (LL.M.) |
| | |
| | **Faculty of Education and Physical Education** |
| 31 | DIPLOMA IN ELEMENTARY EDUCATION (D.El.Ed.) |
| 32 | Bachelor of Education (B.Ed.) |
| 33 | FOUR YEAR INTEGRATED PREGAME OF B.Sc.BEd./ B.A.B.Ed. / B.Com B.Ed |
| 34 | Four-year Integrated Teacher Education Programme (ITEP) |
| 35 | Master of Education (M.Ed.) |

| | |
|---|---|
| 36 | Bachelor of Physical Education (B.P.Ed.) |
| 37 | Master of Physical Education (M.P.Ed.) |
| | **Faculty of Computer Application** |
| 38 | POST GRADUATE DEGREE IN COMPUTER APPLICATION |
| 39 | GRADUATE DEGREE IN COMPUTER APPLICATION |
| 40 | POST GRADUATE DIPLOMA IN COMPUTER APPLICATION |
| 41 | DIPLOMA IN COMPUTER APPLICATION |
| | **Faculty of Management Studies** |
| 42 | Bachelor of Business Administration (BBA) |
| 43 | Master of Business Administration |
| 44 | Post Graduate Diploma Courses in Business Management (PGDBM) |
| 45 | Diploma Courses in Business Management |
| | **Faculty of Hotel Management** |
| 46 | Bachelor in Hotel Management and Catering Technology (BHMCT) |
| 47 | Diploma in Hotel Management and Catering Technology (DHMCT) |
| | **Faculty of Architecture** |
| 48 | Bachelor of Architecture (B.Arch.) |
| 49 | Master of Architecture (M.Arch.) |
| 50 | Diploma in Architecture (D. Arch.). |
| | **Faculty of Engineering** |
| 51 | Diploma Courses of Studies in the Faculty of Engineering (Polytechnic) |
| 52 | Bachelor of Technology (B.Tech.) |
| 53 | Master of Technology (M.Tech.) |

| | |
|---|---|
| 54 | INTEGRATED DUAL DEGREE PROGRAM (I.D.P) (B.TECH. + M.Tech. / MBA ) |
| | **Faculty of Pharmacy** |
| 55 | Diploma in Pharmacy (D.Pharm.) |
| 56 | Bachelor of Pharmacy (B.Pharm.) |
| 57 | Master of Pharmacy (M.Pharm.) |
| | **Faculty of Nursing** |
| 58 | Bachelor of Science (Nursing) |
| 59 | Diploma in General Nursing & Midwifery (GNM) |
| 60 | Post Basic (B.Sc.) Nursing |
| 61 | MASTER OF SCIENCE (NURSING) |
| | |
| | **Faculty of Veterinary** |
| 62 | Bachelor of Veterinary Science & Animal Husbandry (BVSc &AH) |
| 63 | Diploma in Veterinary Science & Animal Husbandry (DVSc &AH) |
| | **Faculty of Ayurveda** |
| 64 | AYURVEDACHARYA (BACHELOR OF AYURVEDIC MEDICINE AND SURGERY) BAMS |
| | **Faculty of Paramedical Science** |
| 65 | BACHELOR OF SCIENCE B.Sc. (PARAMEDICAL & HEALTH SCIENCES) |
| 66 | Bachelor of Science in Medical Laboratory Technology (BMLT) |
| 67 | Diploma in Paramedial Science |
| 68 | CERTIFICATE COURSES In Medical/Nursing/Paramedical |
| 69 | Bachelor of Physiotherapy (B.PT) |
| 70 | Master of Physiotherapy (MPT) |

# म.प्र. निजी विश्वविद्यालय विनियामक आयोग, भोपाल

मध्यप्रदेश शासन

M.P. PRIVATE UNIVERSITY REGULATORY COMMISSION, BHOPAL

Government of Madhya Pradesh


क्र. 2387 /शुल्क/म.प्र.नि.वि.वि.वि.आयोग/2024 दिनांक 05/09/24

## आदेश

प्रति,

कुलसचिव,
डॉ. प्रीति ग्लोबल विश्वविद्यालय
शिवपुरी (म.प्र.)

**विषय– शैक्षणिक सत्र वर्ष 2024–25 में संचालित पाठ्यक्रमों की शुल्क समीक्षा।**

—00—

उपरोक्त विषयांतर्गत मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 की धारा 36(10)(ख) एवं (ड़) में निहित प्रावधानों के अनुपालन में प्रदेश के निजी विश्वविद्यालयों में वर्ष **2024–25** में संचालित पाठ्यक्रमों हेतु विश्वविद्यालय द्वारा प्रस्तावित प्राप्त शुल्क समीक्षा प्रस्ताव के परिप्रेक्ष्य में मध्यप्रदेश निजी विश्वविद्यालय विनियामक आयोग द्वारा शिक्षा की लागत के आधार पर समीक्षा की गई है। आयोग द्वारा गठित शुल्क समीक्षा समिति की बैठक दिनांक **24.08.2024** में की गयी अनुशंसा के परिप्रेक्ष्य में एवं आयोग की 192वीं सभा बैठक दिनांक **05.09.2024** में किये गये अनुमोदन उपरांत विश्वविद्यालय में संचालित विभिन्न पाठ्यक्रमों हेतु अनुमोदित शुल्क का विवरण निम्नानुसार है:–

**विश्वविद्यालय के शैक्षणिक सत्र 2024–25 में संचालित पाठ्यक्रमों हेतु अनुमोदित शुल्क का विवरण**
**(राशि रूपये में)**

| S.No | Faculty/ Name of Institute | Course Name | Proposed Fee by University | Fee Reviewed by Fee Review Committee | | |
|---|---|---|---|---|---|---|
| | | | | Tuition Fee (85%) | Development Fee & All other Miscellaneous fee (15%) | Total Fee |
| 1 | Department Of Arts, Humanities And Social Science- | BA | 11500 | 9350 | 1650 | **11000** |
| 2 | | MA (Economics/ History/Political Science/ Sociology/ Education/ Psychology/ Hindi/ English/ Home Science) | 17250 | 14450 | 2550 | **17000** |

विश्वविद्यालय के शैक्षणिक सत्र 2024–25 में संचालित पाठ्यक्रमों हेतु अनुमोदित शुल्क का विवरण
(राशि रूपये में)

| | | | | | | |
|---|---|---|---|---|---|---|
| 3 | Department Of Commerce | B.COM. | 13800 | 11475 | 2025 | **13500** |
| 4 | | B.COM.(Computer Application) | 13800 | 11475 | 2025 | **13500** |
| 5 | | M.COM. | 17250 | 14450 | 2550 | **17000** |
| 6 | | M.COM.(Computer Application) | 17250 | 14450 | 2550 | **17000** |
| 7 | Department Of Home Science | B.SC. (Home Science) | 17250 | 14450 | 2550 | **17000** |
| 8 | | M.SC. (Home Science) | 20700 | 17000 | 3000 | **20000** |
| 9 | Department Of Science | B.SC. | 17250 | 14450 | 2550 | **17000** |
| 10 | | M.SC.(Chemistry, Computer Science, Mathematics, Clinical Embryology, Bio-Technology, Biology, Forensic Science, Physics, Zoology, Botany) | 23000 | 18700 | 3300 | **22000** |
| 11 | Department Of Social Work | B.S.W. | 13800 | 11475 | 2025 | **13500** |
| 12 | | M.S.W. | 17250 | 14450 | 2550 | **17000** |
| 13 | Department Of Library Science | B.Lib. | 13800 | 11475 | 2025 | **13500** |
| 14 | | M.Lib. | 17250 | 14450 | 2550 | **17000** |
| 15 | Department Of Journalism & Mass Communication | BA:JMC | 23000 | 18700 | 3300 | **22000** |
| 16 | | MA:JMC | 28750 | 23800 | 4200 | **28000** |
| 17 | Department Of Computer Application | DCA | 13800 | 11475 | 2025 | **13500** |
| 18 | | BCA | 23000 | 18700 | 3300 | **22000** |
| 19 | | MCA | 34500 | 28050 | 4950 | **33000** |
| 20 | | PGDCA | 13800 | 11475 | 2025 | **13500** |
| 21 | Department Of Business Administration | B.B.A. | 23000 | 18700 | 3300 | **22000** |
| 22 | | MBA (HR/Finance / Marketing/Hospital Management/Hotel Management) | 69000 | 55250 | 9750 | **65000** |

**विश्वविद्यालय के शैक्षणिक सत्र 2024–25 में संचालित पाठ्यक्रमों हेतु अनुमोदित शुल्क का विवरण**
**(राशि रूपये में)**

| | | | | | | |
|---|---|---|---|---|---|---|
| 23 | **Department Of Hotel Management** | BHMCT | 34500 | 28050 | 4950 | **33000** |
| 24 | | DHMCT | 23000 | 18700 | 3300 | **22000** |
| 25 | **Department Of Engineering & Technology** | Diploma in Engineering (Civil/Mechanical/ Electrical/ Computer Science) | 36800 | 29750 | 5250 | **35000** |
| 26 | | B.Tech. (Civil/Mechanical/ Electrical/Computer Science/Information Technologies/EC | 57500 | 46750 | 8250 | **55000** |
| 27 | | M.TECH. (Civil/Structural/ Computer Science/ Electrical/VLSI & Embedded System/ Information Technology/ Production Engg/ Thermal Engg/ Cyber security/ Electronics & Communication) | 74750 | 59500 | 10500 | **70000** |
| 28 | **LS Pharmacy College** | Diploma In Pharmacy | 69000 | 51000 | 9000 | **60000** |
| 29 | **Department Of Law** | B.A.L.L.B. | 40250 | 32300 | 5700 | **38000** |
| 30 | | L.L.B. | 40250 | 32300 | 5700 | **38000** |
| 31 | | L.L.M. | 51750 | 39950 | 7050 | **47000** |
| 32 | **Laxman Seth Pharmacy College (Old College)** | D.PHARMA | 69000 | 52700 | 9300 | **62000** |
| 33 | | B.PHARMA | 86250 | 66300 | 11700 | **78000** |
| 34 | **Department Of Agriculture** | B.Sc.(Agriculture) | 60000 | 51000 | 9000 | **60000** |
| 35 | | M.Sc.(Agriculture) | 70000 | 59500 | 10500 | **70000** |
| 36 | **Department Of Education & Physical Education** | B.ED. | 40000 | 34000 | 6000 | **40000** |
| 37 | | B.P.ED. | 40000 | 34000 | 6000 | **40000** |

1. उपरोक्त शुल्क समीक्षा विश्वविद्यालय के प्रस्ताव एवं उनके सनद लेखापाल द्वारा प्रमाणित अंकेक्षित वित्तीय आकड़ों के आधार पर प्रावधिक रूप से की गई है।

**शैक्षणिक सत्र 2024–25 में संचालित पाठ्यकमों हेतु अनुमोदित शुल्क का विवरण**

2. उपरोक्त समीक्षित शुल्क के अंतर्गत रजिस्ट्रेशन, प्रवेश, शिक्षण, प्रयोगशाला, पुस्तकालय, खेलकूद, एवं अन्य पाठ्येतर गतिविधियों सहित शुल्क सम्मिलित है। विश्वविद्यालय द्वारा उपरोक्तानुसार समीक्षित शुल्क के अतिरिक्त लिये जाने वाले अन्य शुल्क शिक्षा की लागत से अधिक नहीं होंगे एवं अन्य शुल्को का लेखा भी पृथक से संधारित कर आयोग के समक्ष प्रस्तुत किया जायेगा।
3. अनुमोदित शुल्क में से विकास शुल्क का लेखा पृथक से संधारित किया जाना अनिवार्य है। अधिनियम के प्रावधानानुसार विकास शुल्क की राशि का उपयोग विश्वविद्यालय के विकास मे ही करना होगा एवं विकास शुल्क के उपयोग से संबंधित ब्यौरा पृथक से संधारित कर आयोग के समक्ष प्रस्तुत किया जायेगा।
4. सत्र हेतु उपरोक्त प्रक्षेपित वित्तीय आंकडों एवं अंकेक्षित वित्तीय वास्तविक आंकडों की परस्पर तुलना कर आगामी वित्तीय वर्ष की शुल्क संरचना का प्रस्ताव प्रस्तुत करना होगा तथा पूर्व वित्तीय वर्ष के शुल्क में अंतर होने पर कारण स्पष्ट किया जायेगा ।
5. यदि शिक्षण शुल्क की लागत में वृद्धि होती है तो उसकी पूर्ति किस प्रकार की जावेगी, यह स्पष्ट करना होगा। यदि शिक्षा की लागत में कमी होती है तो विद्यार्थियों से लिये गये अधिक शुल्क को अनिवार्यतः वापस करने हेतु संबंधित विश्वविद्यालय उत्तरदायी होगा।
6. म.प्र. निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 की धारा 28 एवं 29 के अंतर्गत पाठ्यक्रम संचालन के पूर्व अध्यादेशों के राजपत्र में प्रकाशन का प्रावधान विहित है। उपरोक्त सूची में सम्मिलित ऐसे पाठ्यक्रमों हेतु यह शुल्क आदेश लागू नही होगा जिन पाठ्यक्रमों के अध्यादेश म.प्र. राजपत्र में प्रकाशित नही है।
7. म.प्र. निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 यथासंशोधित द्वितीय संशोधन अध्यादेश 2016 की धारा 9(ख) के अंतर्गत निजी विश्वविद्यालय के कक्षाओं एवं पाठ्यक्रमों को प्रारंभ करने के पूर्व आयोग से अनुज्ञा प्राप्त करने का प्रावधान है। यह शुल्क आदेश केवल विश्वविद्यालय द्वारा आयोग से धारा 9(क) एवं (ख) की अनुमति प्राप्त करके संचालित किये जा रहे पाठ्यक्रमों हेतु लागू होगा।
8. विनियामक परिषदों की अनुमति से विश्वविद्यालय द्वारा संचालित पाठ्यक्रमों हेतु सत्र 2024–25 की अनुमति प्राप्त होने की स्थिति में शुल्क आदेश लागू होगा।

**(अध्यक्ष, म.प्र.नि.वि.वि.वि.आयोग,द्वारा अनुमोदित)**

**(सुनील खरे)**
**प्रबंधक**
**म.प्र.नि.वि.वि.वि.आयोग, भोपाल**

**पृ. क्रमांक...../म.प्र.नि.वि.वि.वि.आ/2024** **भोपाल, दिनांक .....**

प्रतिलिपि–

1. निज सहायक के माध्यम से अध्यक्ष, म.प्र.नि.वि.वि.वि. आयोग, भोपाल।
2. कुलपति, संबंधित विश्वविद्यालय, म.प्र.।
3. छात्रवृत्ति शाखा, म.प्र.नि.वि.वि.वि. आयोग, भोपाल।
4. आई.टी. शाखा, म.प्र.नि.वि.वि.वि. आयोग, भोपाल।
5. गार्ड फाईल।

..... की ओर आवश्यक कार्यवाही हेतु एवं सूचनार्थ।

**प्रबंधक**
**म.प्र.नि.वि.वि.वि.आयोग,भोपाल**

# म.प्र. निजी विश्वविद्यालय विनियामक आयोग, भोपाल

मध्यप्रदेश शासन

**M.P. PRIVATE UNIVERSITY REGULATORY COMMISSION, BHOPAL**

**Government of Madhya Pradesh**

~~/फीस/म.प्र.नि.वि.वि.वि.आयोग/2023~~

क्र. 282 **आदेश** दिनांक 06/2/24

प्रति,

कुलसचिव,
डॉ. प्रीति ग्लोबल विश्वविद्यालय
शिवपुरी (म.प्र.)

**विषय– शैक्षणिक सत्र वर्ष 2023–24 में संचालित पाठ्यक्रमों की शुल्क समीक्षा।**
**संदर्भ– विश्वविद्यालय का पत्र क्र. डीपीयूजी/18/17 दिनांक 18.01.2024**

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उपरोक्त विषयांतर्गत मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 की धारा 36(10)(ख) एवं (ड) में निहित प्रावधानों के अनुपालन में प्रदेश के निजी विश्वविद्यालयों में वर्ष 2023–24 में संचालित पाठ्यक्रमों हेतु विश्वविद्यालय द्वारा निर्धारित शुल्क की समीक्षा मध्यप्रदेश निजी विश्वविद्यालय विनियामक आयोग द्वारा शिक्षा की लागत के आधार पर अधोलिखित तथ्यों/शर्तो के अध्यधीन आयोग के पत्र क्र. 2653 दिनांक 30.10.2023 के माध्यम से की गई है। विश्वविद्यालय में संचालित शेष पाठ्यक्रमों हेतु अनुमोदित शुल्क का विवरण निम्नानुसार है:–

**शैक्षणिक सत्र 2023–24 में संचालित पाठ्यकमों हेतु अनुमोदित शुल्क का विवरण**
**(राशि रूपये में)**

| S.No | Faculty | Course Name | Proposed Fee by University | Fee Reviewed by Fee Review Committee | | |
|---|---|---|---|---|---|---|
| | | | | Tuition Fee (85%) | Development Fee & All other Miscellaneous fee (15%) | Total Fee |
| 1 | L S Pharmacy College | Diploma In Pharmacy | 60000 | 46750 | 8250 | 55000 |

**नोट– उपरोक्त शुल्क समीक्षा विश्वविद्यालय के प्रस्तावएवं उनके सनद लेखापाल द्वारा प्रमाणित अंकेक्षित वित्तीय आकड़ों के आधार पर प्रावधिक रूप से की गई है**

1. उपरोक्त समीक्षित शुल्क के अंतर्गत रजिस्ट्रेशन, प्रवेश, शिक्षण, परीक्षा, प्रयोगशाला, पुस्तकालय, खेलकूद, परीक्षा शुल्क एवं अन्य पाठ्येतर गतिविधियों सहित शुल्क सम्मिलित है। विश्वविद्यालय द्वारा समीक्षित शुल्क के अतिरिक्त लिये जाने वाले अन्य शुल्क शिक्षा की लागत से अधिक नहीं होंगे एवं अन्य शुल्को का लेखा भी पृथक से संधारित कर आयोग के समक्ष प्रस्तुत किया जाना होगा।
2. अनुमोदित शुल्क में से विकास शुल्क का लेखा पृथक से संधारित किया जाना अनिवार्य है। अधिनियम के प्रावधानानुसार विकास शुल्क की राशि का उपयोग विश्वविद्यालय के विकास मे ही करना होगा एवं विकास शुल्क के उपयोग से संबंधित ब्यौरा पृथक से संधारित कर आयोग के समक्ष प्रस्तुत किया जाना होगा।

**निरंतर–02**



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**शैक्षणिक सत्र 2023–24 में संचालित पाठ्यकमों हेतु अनुमोदित शुल्क का विवरण**

3. **सत्र 2023–24** हेतु उपरोक्त प्रक्षेपित वित्तीय आंकडों एवं अंकेक्षित वित्तीय वास्तविक आंकडों की परस्पर तुलना कर आगामी वित्तीय वर्ष की शुल्क संरचना का प्रस्ताव प्रस्तुत करना होगा तथा शुल्क में अंतर होने पर कारण स्पष्ट किया जाये ।
4. यदि शिक्षण शुल्क की लागत में वृद्धि होती है तो उसकी पूर्ति किस प्रकार की जावेगी, यह स्पष्ट करना होगा। यदि शिक्षा की लागत में कमी होती है तो विद्यार्थियों से लिये गये अधिक शुल्क को अनिवार्यतः वापस करने हेतु संबंधित विश्वविद्यालय उत्तरदायी होगा।
5. म.प्र. निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 की धारा 28 एवं 29 के अंतर्गत पाठ्यक्रम संचालन के पूर्व अध्यादेशों के राजपत्र में प्रकाशन का प्रावधान विहित है।
6. म.प्र. निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 यथासंशोधित द्वितीय संशोधन अध्यादेश 2016 की धारा 9(ख) के अंतर्गत निजी विश्वविद्यालय के कक्षाओं एवं पाठ्यक्रमों को प्रारंभ करने के पूर्व आयोग से अनुज्ञा प्राप्त करने का प्रावधान है। शुल्क नियमन किये गये पाठ्यक्रमों में यदि आयोग की अनुज्ञा प्राप्त नही है तो ऐसे पाठ्यक्रमों की आयोग से अनुज्ञा प्राप्त की जाये।

**(अध्यक्ष, म.प्र.नि.वि.वि.वि.आयोग,द्वारा अनुमोदित)**

(श्री सुनील खरे)
प्रबंधक (वित्त एवं प्रशासन)
म.प्र.नि.वि.वि.वि.आयोग, भोपाल

पृ. क्रमांक...../म.प्र.नि.वि.वि.वि.आ/2023 भोपाल, दिनांक

प्रतिलिपि–

1. निज सहायक के माध्यम से अध्यक्ष, म.प्र.नि.वि.वि.वि. आयोग, भोपाल को सूचनार्थ ।
2. कुलपति, संबंधित विश्वविद्यालय,की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
3. छात्रवृत्ति शाखा, म.प्र.नि.वि.वि.वि. आयोग, भोपाल को सूचनार्थ।
4. आई.टी. शाखा, म.प्र.नि.वि.वि.वि. आयोग, भोपाल को सूचनार्थ।
5. गार्ड फाईल।

प्रबंधक (वित्त एवं प्रशासन)
म.प्र.नि.वि.वि.वि.आयोग,भोपाल

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# म.प्र. निजी विश्वविद्यालय विनियामक आयोग, भोपाल

मध्यप्रदेश शासन

M.P. PRIVATE UNIVERSITY REGULATORY COMMISSION, BHOPAL

Government of Madhya Pradesh


255 /फीस/म.प्र.नि.वि.वि.वि.आयोग/2023

क्र.

दिनांक 31/1/24

## आदेश

प्रति,

कुलसचिव,
डॉ. प्रीति ग्लोबल विश्वविद्यालय
शिवपुरी (म.प्र.)

**विषय– शैक्षणिक सत्र वर्ष 2023–24 में संचालित पाठ्यक्रमों की शुल्क समीक्षा।**
**संदर्भ– विश्वविद्यालय का पत्र क्र. डीपीयूजी/18/17 दिनांक 18.01.2024**

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उपरोक्त विषयांतर्गत मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 की धारा 36(10)(ख) एवं (ड़) में निहित प्रावधानों के अनुपालन में प्रदेश के निजी विश्वविद्यालयों में वर्ष **2023–24** में संचालित पाठ्यक्रमों हेतु विश्वविद्यालय द्वारा निर्धारित शुल्क की समीक्षा मध्यप्रदेश निजी विश्वविद्यालय विनियामक आयोग द्वारा शिक्षा की लागत के आधार पर अधोलिखित तथ्यों/शर्तो के अध्यधीन आयोग के पत्र क्र. 2653 दिनांक 30.10.2023 के माध्यम से की गई है। विश्वविद्यालय में संचालित शेष पाठ्यक्रमों हेतु अनुमोदित शुल्क का विवरण निम्नानुसार है:–

**शैक्षणिक सत्र 2023–24 में संचालित पाठ्यकमों हेतु अनुमोदित शुल्क का विवरण**
**(राशि रूपये में)**

| S.No | Faculty | Course Name | Proposed Fee by University | Fee Reviewed by Fee Review Committee | | |
|---|---|---|---|---|---|---|
| | | | | Tuition Fee (85%) | Development Fee & All other Miscellaneous fee (15%) | Total Fee |
| 1 | Laxman Seth Pharmacy College (Old College) | D.PHARMA | 60000 | 51000 | 9000 | 60000 |
| 2 | | B.PHARMA | 75000 | 63750 | 11250 | 75000 |
| 3 | Department Of Education & Physical Education | B.ED. | 50000 | 34000 | 6000 | 40000 |
| 4 | | B.P.ED. | 50000 | 34000 | 6000 | 40000 |
| 5 | Department Of Law | B.A.L.L.B. | 40000 | 29750 | 5250 | 35000 |
| 6 | | L.L.B. | 40000 | 29750 | 5250 | 35000 |
| 7 | | L.L.M. | 50000 | 38250 | 6750 | 45000 |

**नोट– उपरोक्त शुल्क समीक्षा विश्वविद्यालय के प्रस्तावएवं उनके सनद लेखापाल द्वारा प्रमाणित अंकेक्षित वित्तीय आकड़ों के आधार पर प्रावधिक रूप से की गई है।**

निरंतर–02

## शैक्षणिक सत्र 2023–24 में संचालित पाठ्यक्रमों हेतु अनुमोदित शुल्क का विवरण

1. उपरोक्त समीक्षित शुल्क के अंतर्गत रजिस्ट्रेशन, प्रवेश, शिक्षण, परीक्षा, प्रयोगशाला, पुस्तकालय, खेलकूद, परीक्षा शुल्क एवं अन्य पाठ्येतर गतिविधियों सहित शुल्क सम्मिलित है। विश्वविद्यालय द्वारा समीक्षित शुल्क के अतिरिक्त लिये जाने वाले अन्य शुल्क शिक्षा की लागत से अधिक नहीं होंगे एवं अन्य शुल्को का लेखा भी पृथक से संधारित कर आयोग के समक्ष प्रस्तुत किया जाना होगा।
2. अनुमोदित शुल्क में से विकास शुल्क का लेखा पृथक से संधारित किया जाना अनिवार्य है। अधिनियम के प्रावधानानुसार विकास शुल्क की राशि का उपयोग विश्वविद्यालय के विकास मे ही करना होगा एवं विकास शुल्क के उपयोग से संबंधित ब्यौरा पृथक से संधारित कर आयोग के समक्ष प्रस्तुत किया जाना होगा।
3. **सत्र 2023–24** हेतु उपरोक्त प्रक्षेपित वित्तीय आंकडों एवं अंकेक्षित वित्तीय वास्तविक आंकडों की परस्पर तुलना कर आगामी वित्तीय वर्ष की शुल्क संरचना का प्रस्ताव प्रस्तुत करना होगा तथा शुल्क में अंतर होने पर कारण स्पष्ट किया जाये ।
4. यदि शिक्षण शुल्क की लागत में वृद्धि होती है तो उसकी पूर्ति किस प्रकार की जावेगी, यह स्पष्ट करना होगा। यदि शिक्षा की लागत में कमी होती है तो विद्यार्थियों से लिये गये अधिक शुल्क को अनिवार्यतः वापस करने हेतु संबंधित विश्वविद्यालय उत्तरदायी होगा।
5. म.प्र. निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 की धारा 28 एवं 29 के अंतर्गत पाठ्यक्रम संचालन के पूर्व अध्यादेशों के राजपत्र में प्रकाशन का प्रावधान विहित है।
6. म.प्र. निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 यथासंशोधित द्वितीय संशोधन अध्यादेश 2016 की धारा 9(ख) के अंतर्गत निजी विश्वविद्यालय के कक्षाओं एवं पाठ्यक्रमों को प्रारंभ करने के पूर्व आयोग से अनुज्ञा प्राप्त करने का प्रावधान है। शुल्क नियमन किये गये पाठ्यक्रमों में यदि आयोग की अनुज्ञा प्राप्त नही है तो ऐसे पाठ्यक्रमों की आयोग से अनुज्ञा प्राप्त की जाये।

**(अध्यक्ष, म.प्र.नि.वि.वि.वि.आयोग,द्वारा अनुमोदित)**

31/07/2023

**(डॉ. के.पी.साहू)**
**सचिव**
**म.प्र.नि.वि.वि.वि.आयोग, भोपाल**

**पृ. क्रमांक...../म.प्र.नि.वि.वि.वि.आ/2023** **भोपाल, दिनांक**

प्रतिलिपि–

1. निज सहायक के माध्यम से अध्यक्ष, म.प्र.नि.वि.वि.वि. आयोग, भोपाल को सूचनार्थ ।
2. कुलपति, संबंधित विश्वविद्यालय,की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
3. छात्रवृत्ति शाखा, म.प्र.नि.वि.वि.वि. आयोग, भोपाल को सूचनार्थ।
4. आई.टी. शाखा, म.प्र.नि.वि.वि.वि. आयोग, भोपाल को सूचनार्थ।
5. गार्ड फाईल।

**सचिव**
**म.प्र.नि.वि.वि.वि.आयोग,भोपाल**

# म.प्र. निजी विश्वविद्यालय विनियामक आयोग, भोपाल

मध्यप्रदेश शासन

**M.P. PRIVATE UNIVERSITY REGULATORY COMMISSION, BHOPAL**

Government of Madhya Pradesh

...../फीस/म.प्र.नि.वि.वि.आयोग/2023

क्र.

## आदेश

दिनांक .....

प्रति,

कुलसचिव,
डॉ. प्रीति ग्लोबल विश्वविद्यालय
शिवपुरी (म.प्र.)

**विषय– शैक्षणिक सत्र वर्ष 2023–24 में संचालित पाठ्यक्रमों की शुल्क समीक्षा।**

—00—

उपरोक्त विषयांतर्गत मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 की धारा 36(10)(ख) एवं (ड़) में निहित प्रावधानों के अनुपालन में प्रदेश के निजी विश्वविद्यालयों में वर्ष **2023–24** में संचालित पाठ्यक्रमों हेतु विश्वविद्यालय द्वारा निर्धारित शुल्क की समीक्षा मध्यप्रदेश निजी विश्वविद्यालय विनियामक आयोग द्वारा शिक्षा की लागत के आधार पर अधोलिखित तथ्यों/शर्तो के अध्यधीन की गई है। इस हेतु आयोग द्वारा गठित शुल्क समीक्षा समिति की **11.10.2023 एवं 18.10.2023** में की गयी अनुशंसा के परिप्रेक्ष्य में एवं आयोग की सभा बैठक में अनुमोदन की प्रत्याशा में विश्वविद्यालय में संचालित विभिन्न पाठ्यक्रमों हेतु अनुमोदित शुल्क का विवरण निम्नानुसार है:–

**शैक्षणिक सत्र 2023–24 में संचालित पाठ्यक्रमों हेतु अनुमोदित शुल्क का विवरण**

**(राशि रूपये में)**

| S.No | Faculty | Course Name | Proposed Fee by University | Fee Reviewed by Fee Review Committee | | |
|---|---|---|---|---|---|---|
| | | | | Tuition Fee (85%) | Development Fee & All other Miscellaneous fee (15%) | Total Fee |
| 1 | DEPARTMENT OF ARTS, HUMANITIES AND SOCIAL SCIENCE | BA | 10000 | 8500 | 1500 | 10000 |
| 2 | | MA (Economics/ History/Political Science/Sociology /Education/ Psychology/Hindi /English/ Home Science) | 15000 | 12750 | 2250 | 15000 |
| 3 | DEPARTMENT OF COMMERCE | B.COM. | 12000 | 10200 | 1800 | 12000 |
| 4 | | B.COM. (Computer Application) | 12000 | 10200 | 1800 | 12000 |
| 5 | | M.COM. | 15000 | 12750 | 2250 | 15000 |
| 6 | | M.COM. (Computer Application) | 15000 | 12750 | 2250 | 15000 |
| 7 | DEPARTMENT OF HOME SCIENCE | B.SC. (Home Science) | 15000 | 12750 | 2250 | 15000 |
| 8 | | M.SC. (Home Science) | 18000 | 15300 | 2700 | 18000 |

निरंतर–02

30/10/

शैक्षणिक सत्र 2023–24 में संचालित पाठ्यक्रमों हेतु अनुमोदित शुल्क का विवरण

| | | | | | | |
|---|---|---|---|---|---|---|
| 9 | DEPARTMENT OF SCIENCE | B.SC. | 15000 | 12750 | 2250 | **15000** |
| 10 | | M.SC. (Chemistry, Computer Science, Mathematics, Clinical Embryology, Bio-Technology, Biology, Forensic Science, Physics, Zoology, Botany) | 20000 | 17000 | 3000 | **20000** |
| 11 | DEPARTMENT OF SOCIAL WORK | B.S.W. | 12000 | 10200 | 1800 | **12000** |
| 12 | | M.S.W. | 15000 | 12750 | 2250 | **15000** |
| 13 | DEPARTMENT OF LIBRARY SCIENCE | B.Lib. | 12000 | 10200 | 1800 | **12000** |
| 14 | | M.Lib. | 15000 | 12750 | 2250 | **15000** |
| 15 | DEPARTMENT OF JOURNALISM & MASS COMMUNICATION | BA:JMC | 20000 | 17000 | 3000 | **20000** |
| 16 | | MA:JMC | 25000 | 21250 | 3750 | **25000** |
| 17 | DEPARTMENT OF COMPUTER APPLICATION | DCA | 12000 | 10200 | 1800 | **12000** |
| 18 | | BCA | 20000 | 17000 | 3000 | **20000** |
| 19 | | MCA | 30000 | 25500 | 4500 | **30000** |
| 20 | | PGDCA | 12000 | 10200 | 1800 | **12000** |
| 21 | DEPARTMENT OF BUSINESS ADMINISTRATION | B.B.A. | 20000 | 17000 | 3000 | **20000** |
| 22 | | MBA (HR/Finance / Marketing/Hospital Management/Hotel Management) | 60000 | 51000 | 9000 | **60000** |
| 23 | DEPARTMENT OF HOTEL MANAGEMENT | BHMCT | 30000 | 25500 | 4500 | **30000** |
| 24 | | DHMCT | 20000 | 17000 | 3000 | **20000** |
| 25 | | Ph.D. | 100000 | 72250 | 12750 | **85000** |
| 26 | DEPARTMENT OF ENGINEERING & TECHNOLOGY | Diploma in Engineering (Civil/Mechanical / Electrical/ Computer Science) | 40000 | 27200 | 4800 | **32000** |
| 27 | | B.Tech. (Civil/Mechanical /Electrical/ Computer Science/ Information Technologies/EC | 60000 | 42500 | 7500 | **50000** |

निरंतर–03

**शैक्षणिक सत्र 2023–24 में संचालित पाठ्यक्रमों हेतु अनुमोदित शुल्क का विवरण**

| | | | | | | |
|---|---|---|---|---|---|---|
| 28 | | M.TECH. (Civil/Structural/Computer Science/Electrical/ VLSI & Embedded System/ Information Technology/ Production Engg/ Thermal Engg/ Cyber security/ Electronics & Communication) | 80000 | 55250 | 9750 | **65000** |

नोट– **उपरोक्त शुल्क समीक्षा विश्वविद्यालय के प्रस्ताव एवं उनके सनद लेखापाल द्वारा प्रमाणित अंकेक्षित वित्तीय आकड़ों के आधार पर प्रावधिक रूप से की गई है।**

1. उपरोक्त समीक्षित शुल्क के अंतर्गत रजिस्ट्रेशन, प्रवेश, शिक्षण, परीक्षा, प्रयोगशाला, पुस्तकालय, खेलकूद, परीक्षा शुल्क एवं अन्य पाठ्येतर गतिविधियों सहित शुल्क सम्मिलित है। विश्वविद्यालय द्वारा समीक्षित शुल्क के अतिरिक्त लिये जाने वाले अन्य शुल्क शिक्षा की लागत से अधिक नहीं होंगे एवं अन्य शुल्को का लेखा भी पृथक से संधारित कर आयोग के समक्ष प्रस्तुत किया जाना होगा।
2. अनुमोदित शुल्क में से विकास शुल्क का लेखा पृथक से संधारित किया जाना अनिवार्य है। अधिनियम के प्रावधानानुसार विकास शुल्क की राशि का उपयोग विश्वविद्यालय के विकास मे ही करना होगा एवं विकास शुल्क के उपयोग से संबंधित ब्यौरा पृथक से संधारित कर आयोग के समक्ष प्रस्तुत किया जाना होगा।
3. **सत्र 2023–24** हेतु उपरोक्त प्रक्षेपित वित्तीय आंकडों एवं अंकेक्षित वित्तीय वास्तविक आंकडों की परस्पर तुलना कर आगामी वित्तीय वर्ष की शुल्क संरचना का प्रस्ताव प्रस्तुत करना होगा तथा शुल्क में अंतर होने पर कारण स्पष्ट किया जाये ।
4. यदि शिक्षण शुल्क की लागत में वृद्धि होती है तो उसकी पूर्ति किस प्रकार की जावेगी, यह स्पष्ट करना होगा। यदि शिक्षा की लागत में कमी होती है तो विद्यार्थियों से लिये गये अधिक शुल्क को अनिवार्यतः वापस करने हेतु संबंधित विश्वविद्यालय उत्तरदायी होगा।
5. म.प्र. निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 की धारा 28 एवं 29 के अंतर्गत पाठ्यक्रम संचालन के पूर्व अध्यादेशों के राजपत्र में प्रकाशन का प्रावधान विहित है।
6. म.प्र. निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम 2007 यथासंशोधित द्वितीय संशोधन अध्यादेश 2016 की धारा 9(ख) के अंतर्गत निजी विश्वविद्यालय के कक्षाओं एवं पाठ्यक्रमों को प्रारंभ करने के पूर्व आयोग से अनुज्ञा प्राप्त करने का प्रावधान है। शुल्क नियमन किये गये पाठ्यक्रमों में यदि आयोग की अनुज्ञा प्राप्त नही है तो ऐसे पाठ्यक्रमों की आयोग से अनुज्ञा प्राप्त की जाये।

**(अध्यक्ष, म.प्र.नि.वि.वि.वि.आयोग,द्वारा अनुमोदित)**

**(डॉ.के.पी.साहू)**
**सचिव**
**म.प्र.नि.वि.वि.वि.आयोग, भोपाल**

पृ. क्रमांक 2654/म.प्र.नि.वि.वि.वि.आ/2023

भोपाल, दिनांक 30/10/23

प्रतिलिपि–

1. निज सहायक के माध्यम से अध्यक्ष, म.प्र.नि.वि.वि.वि. आयोग, भोपाल को सूचनार्थ ।
2. कुलपति, संबंधित विश्वविद्यालय, की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
3. छात्रवृत्ति शाखा, म.प्र.नि.वि.वि.वि. आयोग, भोपाल को सूचनार्थ।
4. आई.टी. शाखा, म.प्र.नि.वि.वि.वि. आयोग, भोपाल को सूचनार्थ।
5. गार्ड फाईल।

30/10/2023

सचिव
म.प्र.नि.वि.वि.वि.आयोग,भोपाल

## University Grants Commission

## Appendix-XIII

### Information about the teaching staff

| Department | Name of the Teacher | Designation | Age | Educational Qualifications (whether qualified as per UGC Regulations) | Teaching experience in years | Date of appointment | Whether full time or part time | Regular or adhoc | Scale of Pay | No. of publications |
|---|---|---|---|---|---|---|---|---|---|---|
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | Dr Raju Kumar | Associate Proff | 40 | Ph.D. | 2 | 01-05-2023 | Full-time | Regular | 37400-67000 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | SHARDA SINGH | Asst. Professor | 32 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | NITYANAND PRADHAN | Associate Proff | 38 | NET | 4 | 05-05-2023 | Full-time | Regular | 37400-67000 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | SUJEET SHARMA | Asst. Professor | 30 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | PRAKASH KUMAR TRIPATHI | Asst. Professor | 31 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | ZUBEE KHANAM | Asst. Professor | 29 | PG | 1 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | JOGINDRA SINGH | Asst. Professor | 27 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | LOUIS JOHN | Asst. Professor | 32 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | MOHAN SWAROOP | Asst. Professor | 29 | PG | 4 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | SHASHANT KUMAR | Asst. Professor | 24 | PG | 2 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | LEEWIS KUL SHRESTHA | Asst. Professor | 26 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | DAULAT RAM | Asst. Professor | 29 | PG | 6 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |

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| ARTS AND HUMINITIES AND SOCIAL SCIENCE | PREM SINGH JATAV | Asst. Professor | 27 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | NAVARSH KUMAR | Associate Proff | 28 | NET | 4 | 05-05-2023 | Full-time | Regular | 37400-67000 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | AJIT PAL TRIVEDI | Asst. Professor | 34 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | TITHI BAIDYA | Asst. Professor | 31 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | MUZZAFAR AHAMAD MAGRAY | Asst. Professor | 37 | PG | 1 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | KHEYALI ROY | Asst. Professor | 32 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | MOSHAHID ANSARI | Asst. Professor | 29 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | SOMENDER SINGH | Asst. Professor | 24 | PG | 3 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | NISAR AHAMAD BHAT | Asst. Professor | 28 | PG | 2 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | PRAMOD GOUR | Asst. Professor | 32 | PG | 4 | 16-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | MOHAMAMAD ASIM CHODHARY | Asst. Professor | 34 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | MOHD INTAZAR | Asst. Professor | 30 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | DHEERAJ KUMAR | Asst. Professor | 25 | PG | 1 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | GULSHANA | Asst. Professor | 26 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | SANJU SHANKER LAL NAMA | Asst. Professor | 28 | PG | 2 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |

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| ARTS AND HUMINITIES AND SOCIAL SCIENCE | NAFEES KHAN | Asst. Professor | 36 | PG | 4 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | AKSHAY PRAKASH TIWARI | Asst. Professor | 27 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | NADEEM AHAMAD | Asst. Professor | 26 | PG | 5 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | ASIF AHMAD BHAT | Asst. Professor | 30 | PG | 6 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | DR ARVIND KUMAR SINGH | Professor | 42 | Ph.D. | 10 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | DR GANESH DUTT | Associate Proff | 40 | Ph.D. | 1 | 05-05-2023 | Full-time | Regular | 37400-67000 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | DR PRAMOD KUMAR PANDEY | Associate Proff | 38 | Ph.D. | 8 | 12-05-2023 | Full-time | Regular | 37400-67000 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | DR PRASANT SINGH | Associate Proff | 29 | Ph.D. | 5 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | DR SHOWKAT AHMAD DAR | Associate Proff | 35 | Ph.D. | 2 | 15-07-2023 | Full-time | Regular | 37400-67000 | - |
| ARTS AND HUMINITIES AND SOCIAL SCIENCE | DR ASHIWANI KUMAR | Associate Proff | 34 | Ph.D. | 5 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| COMMERCE | Dr Abhishek Bajpai | Associate Proff | 37 | Ph.D. | 6 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| COMMERCE | ASHISH GUPTA | Asst. Professor | 30 | PG | 3 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | ARUN SHAH | Asst. Professor | 29 | PG | 2 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | KAPIL SHARMA | Asst. Professor | 29 | PG | 4 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | KAMAL SINGH | Asst. Professor | 27 | PG | 5 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | SHASHANK JADHAV | Asst. Professor | 29 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |

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| COMMERCE | JIJI S.RAJU | Asst. Professor | 34 | PG | 1 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | MOHAR SINGH DHAKAD | Associate Proff | 35 | NET | 5 | 12-05-2023 | Full-time | Regular | 37400-67000 | - |
| COMMERCE | MOHIT SAHU | Asst. Professor | 31 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | SUMIT KUMAR PATHAK | Asst. Professor | 27 | PG | 4 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | OM PRAKASH MEHTA | Asst. Professor | 29 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | DR ASHISH KUMAR SRIVASTAVA | Asst. Professor | 27 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | DR ASHWANI KUMAR SRIVASTAVA | Asst. Professor | 34 | PG | 6 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | DR ZALA GHANSHYAMSINH PRAVINSINH | Asst. Professor | 33 | PG | 1 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | DR RAHUL KUMAR JAIN | Asst. Professor | 26 | PG | 4 | 16-06-2023 | Full-time | Regular | 15600-39100 | - |
| COMMERCE | DR RITWIKSAHAI BISARIYA | Asst. Professor | 29 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| COMPUTER APPLICATION | Dr Madhur Shrivastava | Associate Proff | 36 | Ph.D. | 1 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| COMPUTER APPLICATION | Dr Neeraj kumar rathore | Professor | 39 | Ph.D. | 10 | 01-05-2023 | Full-time | Regular | 37400-67000 | - |
| COMPUTER APPLICATION | Dr Girjesh Tiwari | Associate Proff | 36 | Ph.D. | 2 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| COMPUTER APPLICATION | Dr Abhishek Gupta | Associate Proff | 37 | Ph.D. | 5 | 05-05-2023 | Full-time | Regular | 37400-67000 | - |
| COMPUTER APPLICATION | AMIT KUMAR JAIN | Asst. Professor | 32 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| COMPUTER APPLICATION | SHIVAM KUMAR MAURYA | Asst. Professor | 30 | PG | 1 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |

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| COMPUTER APPLICATION | RASHMI RANJAN SAHOO | Asst. Professor | 30 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| COMPUTER APPLICATION | SHAILESH KUMAR | Asst. Professor | 36 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| COMPUTER APPLICATION | CHANDAN KUMAR MISHRA | Asst. Professor | 30 | PG | 4 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| COMPUTER APPLICATION | UTKARSH SHARMA | Asst. Professor | 28 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| COMPUTER APPLICATION | VIVEK KUMAR | Asst. Professor | 26 | PG | 3 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| EDUCATION AND PHYSICAL EDUCATION | Dr Dharmendra Kumar Binjhade | Associate Proff | 28 | Ph.D. | 5 | 12-05-2023 | Full-time | Regular | 37400-67000 | - |
| EDUCATION AND PHYSICAL EDUCATION | Dr Badam Singh | Associate Proff | 27 | Ph.D. | 8 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| EDUCATION AND PHYSICAL EDUCATION | Dr MUKESH KUMAR SAHU | Professor | 55 | Ph.D. | 15 | 15-07-2023 | Full-time | Regular | 37400-67000 | - |
| EDUCATION AND PHYSICAL EDUCATION | Dr Seema Pandey | Professor | 45 | Ph.D. | 10 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| EDUCATION AND PHYSICAL EDUCATION | RAVINDRA KUMAR DUBEY | Associate Proff | 38 | NET | 2 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| EDUCATION AND PHYSICAL EDUCATION | DHARMENDRA KUMAR BHARTI | Associate Proff | 34 | NET | 4 | 05-05-2023 | Full-time | Regular | 37400-67000 | - |
| EDUCATION AND PHYSICAL EDUCATION | GOPAL SHARMA | Associate Proff | 30 | NET | 5 | 12-05-2023 | Full-time | Regular | 37400-67000 | - |
| EDUCATION AND PHYSICAL EDUCATION | SUKHVIR SINGH | Associate Proff | 38 | NET | 1 | 16-06-2023 | Full-time | Regular | 37400-67000 | - |
| EDUCATION AND PHYSICAL EDUCATION | Dr SARAJ PORWAL | Professor | 48 | Ph.D. | 12 | 12-05-2023 | Full-time | Regular | 37400-67000 | - |
| EDUCATION AND PHYSICAL EDUCATION | Dr MRADULA CHAUHAN | Professor | 59 | Ph.D. | 15 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |

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| EDUCATION AND PHYSICAL EDUCATION | DR DEEPA GUPTA | Professor | 63 | Ph.D. | 18 | 01-05-2023 | Full-time | Regular | 37400-67000 | - |
| ENGINEERING | Dr Mohan Gupta | Associate Proff | 37 | Ph.D. | 3 | 01-05-2023 | Full-time | Regular | 37400-67000 | - |
| ENGINEERING | Dr Sanjeev Gupta | Associate Proff | 30 | Ph.D. | 2 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| ENGINEERING | Dr Niraj Soni | Associate Proff | 27 | Ph.D. | 5 | 05-05-2023 | Full-time | Regular | 37400-67000 | - |
| ENGINEERING | Dr Ankit Soni | Associate Proff | 28 | Ph.D. | 4 | 12-05-2023 | Full-time | Regular | 37400-67000 | - |
| ENGINEERING | Dr Anuj Kumar Verma | Associate Proff | 29 | Ph.D. | 5 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| ENGINEERING | saurabh Yadav | Asst. Professor | 30 | PG | 2 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Subroto ghosh | Asst. Professor | 28 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Ankit kumar Shrivastava | Asst. Professor | 26 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Anuj kumar Verma | Asst. Professor | 27 | PG | 4 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Abhishek kumar dubey | Asst. Professor | 40 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | karnesh kumar | Asst. Professor | 29 | PG | 5 | 16-06-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Manish kumar Jha | Asst. Professor | 41 | PG | 6 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Salil kumar Gupta | Asst. Professor | 38 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Harisha P | Asst. Professor | 36 | PG | 4 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Rajan | Asst. Professor | 34 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | N B rajesh | Asst. Professor | 30 | PG | 1 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |

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| ENGINEERING | Tilak kumar saxena | Asst. Professor | 43 | PG | 1 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Pradeep kumar shah | Asst. Professor | 37 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Abhishek Vaishy | Asst. Professor | 34 | PG | 2 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Amit kumar | Asst. Professor | 36 | PG | 3 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Prakhar tiwari | Asst. Professor | 39 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Ashish Sharma | Asst. Professor | 31 | PG | 4 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Gajendra Pratap Singh | Asst. Professor | 35 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Poornima Agarwal | Asst. Professor | 36 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Partha Sarathi Parial | Asst. Professor | 37 | PG | 1 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Bojanki Sridhar | Asst. Professor | 30 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Rajan Sharma | Asst. Professor | 38 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Hemendra Singh | Asst. Professor | 31 | PG | 4 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Dr Nitu kumari | Asst. Professor | 39 | PG | 2 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Dr Somesh Bhambi | Asst. Professor | 37 | PG | 3 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| ENGINEERING | Dr sarat chandra Chaine | Asst. Professor | 30 | PG | 2 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |

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| ENGINEERING | Dr Nitesh kumar Singh | Asst. Professor | 38 | PG | 4 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| JOURNALISM & MASS COMMUNICATION | M.D. Azahar ansari | Associate Proff | 43 | Ph.D. | 1 | 05-05-2023 | Full-time | Regular | 37400-67000 | - |
| JOURNALISM & MASS COMMUNICATION | AADIL SHAFI | Asst. Professor | 40 | PG | 3 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| LAW | Rohit Shrivastava | Asst. Professor | 35 | PG | 1 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| LAW | Hitesh Patidar | Asst. Professor | 31 | PG | 1 | 16-06-2023 | Full-time | Regular | 15600-39100 | - |
| LAW | Ramji Dwivedi | Asst. Professor | 38 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| LAW | Sudhakar Patel | Associate Proff | 39 | NET | 2 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| LAW | Aruj Singh Likhitkar | Associate Proff | 34 | NET | 4 | 01-05-2023 | Full-time | Regular | 37400-67000 | - |
| LAW | Dr Prateek Chaurasia | Asst. Professor | 35 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| LAW | Dr Anil Singh Tomar | Asst. Professor | 38 | PG | 5 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| LAW | Dr Pankaj Mishra | Asst. Professor | 39 | PG | 6 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| LAW | Dr Jaya Sharma | Asst. Professor | 34 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| LAW | Dr Manoj Parmar | Asst. Professor | 39 | PG | 4 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| LAW | Dr Amita Wankhede | Asst. Professor | 35 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| LAW | Dr Anjali Sharma | Asst. Professor | 37 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| LIBRARY SCIENCE | Anshul Gupta | Asst. Professor | 38 | PG | 1 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |

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| LIBRARY SCIENCE | Nidhi Goel | Asst. Professor | 39 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| LIBRARY SCIENCE | Dinesh kumar | Asst. Professor | 30 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| LIBRARY SCIENCE | Mukesh kumar Sen | Asst. Professor | 28 | PG | 3 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| LIBRARY SCIENCE | Shraddha shrivastava | Asst. Professor | 29 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| LIBRARY SCIENCE | Rajesh rai | Asst. Professor | 29 | PG | 4 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| LIBRARY SCIENCE | Dr Asharam Pal | Associate Proff | 30 | NET | 5 | 12-05-2023 | Full-time | Regular | 37400-67000 | - |
| MANAGEMENT | Dr Anu Agarwal | Professor | 40 | Ph.D. | 15 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| MANAGEMENT | Dr ARUN KUMAR LAL | Associate Proff | 38 | Ph.D. | 2 | 15-07-2023 | Full-time | Regular | 37400-67000 | - |
| MANAGEMENT | Dr SUSHIL BELIYA | Associate Proff | 39 | Ph.D. | 6 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| MANAGEMENT | Dr Shipra Singh | Associate Proff | 39 | Ph.D. | 2 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| MANAGEMENT | Dr Mahesh Kumar Maharudrappa | Associate Proff | 29 | Ph.D. | 2 | 12-05-2023 | Full-time | Regular | 37400-67000 | - |
| MANAGEMENT | Dr Vinay Kumar Narula | Professor | 38 | Ph.D. | 10 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| MANAGEMENT | Dr Dilip Thakur | Professor | 46 | Ph.D. | 15 | 15-07-2023 | Full-time | Regular | 37400-67000 | - |
| MANAGEMENT | AMIT PRAKASH | Asst. Professor | 39 | PG | 6 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | MANJARI AGARWAL BANSAL | Asst. Professor | 42 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | RAKESH RANJAN MISHRA | Asst. Professor | 39 | PG | 1 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | SHIKHAR DEEP | Asst. Professor | 42 | PG | 1 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |

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| MANAGEMENT | DEEP ANKAR DEEP | Asst. Professor | 38 | PG | 5 | 16-06-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | RAUSHAN RAJ | Asst. Professor | 37 | PG | 2 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | GOPAL HARI RATHOD | Asst. Professor | 36 | PG | 4 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | SAURABH SINGH | Asst. Professor | 29 | PG | 2 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | PRAKASH KUMAR | Asst. Professor | 30 | PG | 3 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | KISHOR KUMAR SINGH | Asst. Professor | 37 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | AMIR KHAN | Asst. Professor | 39 | PG | 4 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | SONU RATHOR | Asst. Professor | 29 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | NEETU MISHRA | Asst. Professor | 37 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| MANAGEMENT | MEGHA SONI | Asst. Professor | 29 | PG | 1 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | Dr Vikas Sharma | Associate Proff | 30 | Ph.D. | 6 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| PHARMACY | Dr Sudhir Bharadwaj | Professor | 49 | Ph.D. | 10 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| PHARMACY | Dr Anil Kumar Gupta | Associate Proff | 29 | Ph.D. | 8 | 05-05-2023 | Full-time | Regular | 37400-67000 | - |
| PHARMACY | Dr Brajesh Kumar Garg | Associate Proff | 30 | Ph.D. | 8 | 12-05-2023 | Full-time | Regular | 37400-67000 | - |
| PHARMACY | DEVMANI CHAURASIA | Asst. Professor | 28 | PG | 5 | 16-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | KAVITA CHOPRA | Asst. Professor | 26 | PG | 6 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | NEERAJ KUMAR GUPTA | Asst. Professor | 26 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |

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| PHARMACY | POONAM CHAKRAWARTI | Asst. Professor | 27 | PG | 4 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | ANKITA JAIN | Asst. Professor | 38 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | DHARMENDRA KUMAR RAI | Asst. Professor | 34 | PG | 1 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | SONAM JAIN | Asst. Professor | 31 | PG | 1 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | MAHESH KUMAR PYASE | Asst. Professor | 35 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | VIBHAV JAIN | Asst. Professor | 36 | PG | 2 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | MOTILAL AHIRWAR | Asst. Professor | 30 | PG | 3 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | DHANANJAY RAI | Asst. Professor | 38 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | GHANSHYAM AHIRWAR | Asst. Professor | 34 | PG | 4 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | JAINESH RAI | Asst. Professor | 35 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | HARSH PATIDAR | Asst. Professor | 30 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | ANURAG NEKYA | Asst. Professor | 36 | PG | 1 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | ANKIT VERMA | Asst. Professor | 29 | PG | 5 | 16-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | ANAND KUMAR SETHI | Asst. Professor | 34 | PG | 2 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | SANJIV KUMAR | Asst. Professor | 38 | PG | 4 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |

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|---|---|---|---|---|---|---|---|---|---|---|
| PHARMACY | ABHISHEK JAIN | Asst. Professor | 39 | PG | 2 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | JAGATRAM AHIRWAR | Asst. Professor | 29 | PG | 3 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | MANISH SHRIVASTAVA | Asst. Professor | 27 | PG | 2 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | RUPALI BAGDE | Asst. Professor | 29 | PG | 4 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | ANISH RAI | Asst. Professor | 37 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | BRAJESH KUSHWAHA | Asst. Professor | 37 | PG | 3 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | PAWAN PATEL | Asst. Professor | 29 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | RUPESH SAHU | Asst. Professor | 37 | PG | 4 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | DINESH PATHAK | Asst. Professor | 29 | PG | 5 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | NAVAL KISHOR MANJHI | Asst. Professor | 34 | PG | 1 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | MANGEET PANWAR | Asst. Professor | 39 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | ALOK ANURAGI | Asst. Professor | 28 | PG | 4 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | AMIT KUMAR RAJPUT | Asst. Professor | 39 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | SOHAN LAL AHIRWAR | Asst. Professor | 27 | PG | 1 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | HIMESH SHRIVAS | Asst. Professor | 28 | PG | 1 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |

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|---|---|---|---|---|---|---|---|---|---|---|
| PHARMACY | SANA KHAN | Asst. Professor | 29 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | VIVEK KUMAR GUPTA | Asst. Professor | 37 | PG | 2 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| PHARMACY | ANKIT SONI | Asst. Professor | 38 | PG | 3 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Hemant Kumar Shrivastav | Asst. Professor | 29 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Rahul kumar Dubey | Asst. Professor | 27 | PG | 1 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Hemant Sharma | Asst. Professor | 29 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Faiza Siddiqui | Asst. Professor | 29 | PG | 4 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Shambhu Sharan Verma | Asst. Professor | 30 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Krashankant Upadhyay | Asst. Professor | 29 | PG | 5 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Dinesh Sharma | Asst. Professor | 34 | PG | 6 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Manisha kumari | Asst. Professor | 38 | PG | 1 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Ritesh Jaiswal | Asst. Professor | 37 | PG | 4 | 16-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Monika Pandey | Asst. Professor | 37 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Upendra Ojha | Asst. Professor | 30 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Abhishek kumar | Asst. Professor | 38 | PG | 1 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |

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|---|---|---|---|---|---|---|---|---|---|---|
| SCIENCE | Nitin Shrivastava | Asst. Professor | 37 | PG | 5 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Yugal kumar Tonk | Asst. Professor | 28 | PG | 2 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Shabir Ahmad Gashroo | Asst. Professor | 39 | PG | 3 | 16-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Aman Kumar | Asst. Professor | 27 | PG | 2 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Kabir Beg Mirja | Asst. Professor | 33 | PG | 4 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Rajneesh Chandra | Asst. Professor | 35 | PG | 5 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Sandeep Singh | Asst. Professor | 28 | PG | 1 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Rahul Sharma | Asst. Professor | 27 | PG | 1 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Ibney Ali | Asst. Professor | 29 | PG | 5 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Ambika Prasad Mishra | Asst. Professor | 31 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Manisha Bhagat | Asst. Professor | 38 | PG | 4 | 15-07-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Syed Wahid Hasan | Asst. Professor | 37 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Gopikisha n | Asst. Professor | 29 | PG | 3 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Ajeet kumar Shah | Asst. Professor | 37 | PG | 2 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Upendra Kumar | Asst. Professor | 39 | PG | 4 | 12-05-2023 | Full-time | Regular | 15600-39100 | - |

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|---|---|---|---|---|---|---|---|---|---|---|
| SCIENCE | Arun Kumar Dubey | Asst. Professor | 39 | PG | 2 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Devendra Kumar Mishra | Asst. Professor | 37 | PG | 2 | 01-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Amit Kumar Singh | Asst. Professor | 29 | PG | 4 | 10-06-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Dr Aadil Farooq Shah | Asst. Professor | 37 | PG | 5 | 05-05-2023 | Full-time | Regular | 15600-39100 | - |
| SCIENCE | Dr Sarvar AhamadDar | Associate Proff | 29 | Ph.D. | 2 | 12-05-2023 | Full-time | Regular | 37400-67000 | - |
| SCIENCE | Dr Gresh Chander | Associate Proff | 38 | Ph.D. | 1 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| SCIENCE | Dr Niraj Kumar Tripathi | Professor | 43 | Ph.D. | 10 | 15-07-2023 | Full-time | Regular | 37400-67000 | - |
| SCIENCE | Dr Avantika Pandey | Professor | 42 | Ph.D. | 10 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |
| SCIENCE | Dr Mani Srivastava | Professor | 47 | Ph.D. | 12 | 10-06-2023 | Full-time | Regular | 37400-67000 | - |

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## University Grants Commission

## Appendix-XIV

### Information about the Library

| S.No. | Total Space (all kinds) | Computer/ Communication facilities | Total No. of Ref. Books (Each Department) | All Research Journals subscribed on a regular basis |
|---|---|---|---|---|
| 1. | 6000 sqft | 20 computers with internet facility | 2500 | Yes |

**University Grants Commission**

**Appendix-XV**

**Information about the Equipment**

| S No | Item description | Location Department | Va1ue (1n Rs) | Present Condition | Date of Purchase |
|---|---|---|---|---|---|
| 1 | Measuring Tape 15 meters | **DEPARTMENT OF ENGG** | 645 | Working | 01-02-2022 |
| 2 | Measuring Tape 30 meters | **DEPARTMENT OF ENGG** | 1056 | Working | 01-02-2022 |
| 3 | Cross Staff with Pole | **DEPARTMENT OF ENGG** | 580 | Working | 01-02-2022 |
| 4 | Land Measuring Chain 20 meters | **DEPARTMENT OF ENGG** | 1800 | Working | 01-02-2022 |
| 5 | Land Measuring Chain 30 meters | **DEPARTMENT OF ENGG** | 1725 | Working | 01-02-2022 |
| 6 | Ranging Rod 2 meters | **DEPARTMENT OF ENGG** | 2700 | Working | 01-02-2022 |
| 7 | Ranging Rod 3 meters | **DEPARTMENT OF ENGG** | 1140 | Working | 01-02-2022 |
| 8 | Arrows | **DEPARTMENT OF ENGG** | 500 | Working | 01-02-2022 |
| 9 | Optical Square (brass) | **DEPARTMENT OF ENGG** | 1050 | Working | 01-02-2022 |
| 10 | Leveling Table with Accessories | **DEPARTMENT OF ENGG** | 16250 | Working | 01-02-2022 |
| 11 | Prismatic Compass with Stand | **DEPARTMENT OF ENGG** | 3750 | Working | 01-02-2022 |
| 12 | Auto Level with Aluminum Stand | **DEPARTMENT OF ENGG** | 14000 | Working | 01-02-2022 |
| 13 | Theodolite | **DEPARTMENT OF ENGG** | 18000 | Working | 01-02-2022 |
| 14 | Slump Test App | **DEPARTMENT OF ENGG** | 1850 | Working | 01-02-2022 |
| 15 | Vicat's Apparatus | **DEPARTMENT OF ENGG** | 1441 | Working | 01-02-2022 |
| 16 | Test Sieve Set | **DEPARTMENT OF ENGG** | 6700 | Working | 01-02-2022 |
| 17 | Planimeter | **DEPARTMENT OF ENGG** | 550 | Working | 01-02-2022 |
| 18 | Cube Mould 15x15x15 cm | **DEPARTMENT OF ENGG** | 750 | Working | 01-02-2022 |
| 19 | Cube Mould 7.06x7.06x7.06 cm | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 20 | Measuring Jar 500 ml | **DEPARTMENT OF ENGG** | 140 | Working | 01-02-2022 |
| 21 | Measuring Jar 1000 ml | **DEPARTMENT OF ENGG** | 135 | Working | 01-02-2022 |
| 22 | Bell Crank Lever | **DEPARTMENT OF ENGG** | 1400 | Working | 01-02-2022 |

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|---|---|---|---|---|---|
| 23 | Bending Moment App | **DEPARTMENT OF ENGG** | 2200 | Working | 01-02-2022 |
| 24 | Flywheel | **DEPARTMENT OF ENGG** | 1600 | Working | 01-02-2022 |
| 25 | Simple Jib Crane | **DEPARTMENT OF ENGG** | 1900 | Working | 01-02-2022 |
| 26 | Parallelogram Law of Forces App | **DEPARTMENT OF ENGG** | 5000 | Working | 01-02-2022 |
| 27 | Polygon Law of Forces App | **DEPARTMENT OF ENGG** | 1900 | Working | 01-02-2022 |
| 28 | Simple Supported Beam Reaction App | **DEPARTMENT OF ENGG** | 5000 | Working | 01-02-2022 |
| 29 | Dumpy Level | **DEPARTMENT OF ENGG** | 6500 | Working | 01-02-2022 |
| 30 | Levelling Staff 4 mts | **DEPARTMENT OF ENGG** | 1750 | Working | 01-02-2022 |
| 31 | Geological Charts | **DEPARTMENT OF ENGG** | 3000 | Working | 01-02-2022 |
| 32 | 3D Models (Set of 16) | **DEPARTMENT OF ENGG** | 7200 | Working | 01-02-2022 |
| 34 | Slump Cone Test Apparatus | **DEPARTMENT OF ENGG** | 760 | Working | 01-02-2022 |
| 35 | Sand Absorption Cone & Tamper | **DEPARTMENT OF ENGG** | 2200 | Working | 01-02-2022 |
| 36 | Tamping Rod | **DEPARTMENT OF ENGG** | 1980 | Working | 01-02-2022 |
| 37 | Vee-Bee Consistometer | **DEPARTMENT OF ENGG** | 480 | Working | 01-02-2022 |
| 38 | Vicat Needle | **DEPARTMENT OF ENGG** | 32000 | Working | 01-02-2022 |
| 39 | Vicat Mould | **DEPARTMENT OF ENGG** | 8320 | Working | 01-02-2022 |
| 40 | Marshall Stability Test app. | **DEPARTMENT OF ENGG** | 800 | Working | 01-02-2022 |
| 41 | Le-Chatelier Mould | **DEPARTMENT OF ENGG** | 82800 | Working | 01-02-2022 |
| 43 | Auto level | **DEPARTMENT OF ENGG** | 16200 | Working | 01-02-2022 |
| 45 | Aggregate Impact app. | **DEPARTMENT OF ENGG** | 11900 | Working | 01-02-2022 |
| 46 | Softening Pont app. | **DEPARTMENT OF ENGG** | 8400 | Working | 01-02-2022 |
| 47 | Length Gauge | **DEPARTMENT OF ENGG** | 6800 | Working | 01-02-2022 |
| 48 | Los Angeles Abrasion Testing Machine | **DEPARTMENT OF ENGG** | 116860 | Working | 01-02-2022 |
| 49 | Thickness Gauge | **DEPARTMENT OF ENGG** | 560 | Working | 01-02-2022 |
| 50 | Abel flash point | **DEPARTMENT OF ENGG** | 16200 | Working | 01-02-2022 |
| 51 | Cleveland Flash & Fire point Apparatus | **DEPARTMENT OF ENGG** | 6000 | Working | 01-02-2022 |

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|---|---|---|---|---|---|
| 52 | California Bearing Ratio Values test | **DEPARTMENT OF ENGG** | 65000 | Working | 01-02-2022 |
| 53 | Ductility Testing Machine | **DEPARTMENT OF ENGG** | 63600 | Working | 01-02-2022 |
| 54 | Thickness Gauge | **DEPARTMENT OF ENGG** | 560 | Working | 01-02-2022 |
| 55 | Cube Mould, Made of Cast iron 150x150x150 mm | **DEPARTMENT OF ENGG** | 575 | Working | 01-02-2022 |
| 56 | P.H. Meter | **DEPARTMENT OF ENGG** | 6800 | Working | 01-02-2022 |
| 57 | chloroscope | **DEPARTMENT OF ENGG** | 5000 | Working | 01-02-2022 |
| 58 | Turboid Meter | **DEPARTMENT OF ENGG** | 16000 | Working | 01-02-2022 |
| 59 | Burette | **DEPARTMENT OF ENGG** | 6600 | Working | 01-02-2022 |
| 60 | Burette Stand | **DEPARTMENT OF ENGG** | 4950 | Working | 01-02-2022 |
| 61 | Pipette | **DEPARTMENT OF ENGG** | 2040 | Working | 01-02-2022 |
| 62 | Conical Flask | **DEPARTMENT OF ENGG** | 3240 | Working | 01-02-2022 |
| 63 | Beaker | **DEPARTMENT OF ENGG** | 2520 | Working | 01-02-2022 |
| 64 | Test Tube (Hot) | **DEPARTMENT OF ENGG** | 500 | Working | 01-02-2022 |
| 65 | Test Tube (Cold) | **DEPARTMENT OF ENGG** | 200 | Working | 01-02-2022 |
| 66 | Glass Container | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 67 | E.D.T.A. | **DEPARTMENT OF ENGG** | 225 | Working | 01-02-2022 |
| 68 | Buffer Solution / Ammonia Buffer | **DEPARTMENT OF ENGG** | 144 | Working | 01-02-2022 |
| 69 | Phenopthlyne | **DEPARTMENT OF ENGG** | 60 | Working | 01-02-2022 |
| 70 | Methyl Orange | **DEPARTMENT OF ENGG** | 60 | Working | 01-02-2022 |
| 82 | Pin | **DEPARTMENT OF ENGG** | 25 | Working | 01-02-2022 |
| 83 | Elbow | **DEPARTMENT OF ENGG** | 25 | Working | 01-02-2022 |
| 84 | Reducer | **DEPARTMENT OF ENGG** | 30 | Working | 01-02-2022 |
| 85 | Wheel Valve | **DEPARTMENT OF ENGG** | 160 | Working | 01-02-2022 |
| 86 | Bib cock | **DEPARTMENT OF ENGG** | 100 | Working | 01-02-2022 |
| 87 | Stop cock | **DEPARTMENT OF ENGG** | 100 | Working | 01-02-2022 |

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|---|---|---|---|---|---|
| 88 | Lead connection | **DEPARTMENT OF ENGG** | 50 | Working | 01-02-2022 |
| 89 | Pillar cock | **DEPARTMENT OF ENGG** | 200 | Working | 01-02-2022 |
| 90 | Waste pipe | **DEPARTMENT OF ENGG** | 40 | Working | 01-02-2022 |
| 91 | Wash basin | **DEPARTMENT OF ENGG** | 1000 | Working | 01-02-2022 |
| 92 | Sink | **DEPARTMENT OF ENGG** | 1000 | Working | 01-02-2022 |
| 93 | Shower | **DEPARTMENT OF ENGG** | 150 | Working | 01-02-2022 |
| 95 | W.C. Squatting type & European type | **DEPARTMENT OF ENGG** | 1000 | Working | 01-02-2022 |
| 96 | Washbasin | **DEPARTMENT OF ENGG** | 1000 | Working | 01-02-2022 |
| 97 | Traps - P-trap, Q-trap, S-trap | **DEPARTMENT OF ENGG** | 60 | Working | 01-02-2022 |
| 98 | Nahani trap | **DEPARTMENT OF ENGG** | 75 | Working | 01-02-2022 |
| 99 | Gully Trap | **DEPARTMENT OF ENGG** | 75 | Working | 01-02-2022 |
| 100 | Intercepting trap | **DEPARTMENT OF ENGG** | 250 | Working | 01-02-2022 |
| 101 | Flushing cistern | **DEPARTMENT OF ENGG** | 1000 | Working | 01-02-2022 |
| 103 | Panel Shutters | **DEPARTMENT OF ENGG** | 1000 | Working | 01-02-2022 |
| 104 | Panel Window | **DEPARTMENT OF ENGG** | 800 | Working | 01-02-2022 |
| 105 | Glazed Window | **DEPARTMENT OF ENGG** | 800 | Working | 01-02-2022 |
| 106 | Single-story building | **DEPARTMENT OF ENGG** | 2000 | Working | 01-02-2022 |
| 107 | Double-story building | **DEPARTMENT OF ENGG** | 2000 | Working | 01-02-2022 |
| 108 | Digital Planimeter | **DEPARTMENT OF ENGG** | 3800 | Working | 01-02-2022 |
| 109 | Ghat Tracer | **DEPARTMENT OF ENGG** | 4200 | Working | 01-02-2022 |
| 110 | Ultrasonic Distance Meter | **DEPARTMENT OF ENGG** | 16000 | Working | 01-02-2022 |
| 111 | Clinometer | **DEPARTMENT OF ENGG** | 2800 | Working | 01-02-2022 |
| 112 | Sextant | **DEPARTMENT OF ENGG** | 6900 | Working | 01-02-2022 |
| 113 | Polar Planimeter | **DEPARTMENT OF ENGG** | 4200 | Working | 01-02-2022 |
| 114 | Proposed App | **DEPARTMENT OF ENGG** | 5000 | Working | 01-02-2022 |
| 115 | GPS | **DEPARTMENT OF ENGG** | 32000 | Working | 01-02-2022 |

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|---|---|---|---|---|---|
| 116 | Topo sheet | **DEPARTMENT OF ENGG** | 100 | Working | 01-02-2022 |
| 117 | App for soil determination (core cutter with dolly rammer) | **DEPARTMENT OF ENGG** | 15000 | Working | 01-02-2022 |
| 118 | Core cutter with dolly (without rammer) | **DEPARTMENT OF ENGG** | 12000 | Working | 01-02-2022 |
| 119 | Cone penetration meter | **DEPARTMENT OF ENGG** | **6800** | Working | 01-02-2022 |
| 123 | Mould same as above but made of Gunmetal | **DEPARTMENT OF ENGG** | 1250 | Working | 01-02-2022 |
| 124 | Rammer 2.6kg x 450mm controlled Fall | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 125 | Rammer 4.6kg x 450mm controlled fall | **DEPARTMENT OF ENGG** | 550 | Working | 01-02-2022 |
| 126 | Direct shear test App. Hand Operated (without Proving ring & dial gauge proving ring for above 2KN (with our calibration) I | **DEPARTMENT OF ENGG** | 1500 | Working | 01-02-2022 |
| 127 | Rammer 2.6kg x 450mm controlled Fall | **DEPARTMENT OF ENGG** | 18600 | Working | 01-02-2022 |
| 128 | Liquid Limit Device Hand-operated, as per IS:2720 (party) | **DEPARTMENT OF ENGG** | 22000 | Working | 01-02-2022 |
| 129 | Plastic limit App. do-but with wooden carrying case | **DEPARTMENT OF ENGG** | 21500 | Working | 01-02-2022 |
| 130 | Triaxial shear App. Equipment for Plate load test & SPT test | **DEPARTMENT OF ENGG** | 28000 | Working | 01-02-2022 |
| 132 | Pycnometer | **DEPARTMENT OF ENGG** | 18600 | Working | 01-02-2022 |
| 133 | Sand replacement App. | **DEPARTMENT OF ENGG** | 23600 | Working | 01-02-2022 |
| 134 | Vane Shear test | **DEPARTMENT OF ENGG** | 66000 | Working | 01-02-2022 |
| 135 | Ammeter AC/DC 1A/2A | **DEPARTMENT OF ENGG** | 23000 | Working | 01-02-2022 |
| 136 | W.C. Squatting type & European type | **DEPARTMENT OF ENGG** | 22000 | Working | 01-02-2022 |
| 137 | Washbasin | **DEPARTMENT OF ENGG** | 14500 | Working | 01-02-2022 |
| 138 | Traps - P-trap, Q-trap, S-trap | **DEPARTMENT OF ENGG** | 1200 | Working | 01-02-2022 |
| 139 | Ammeter AC/DC 1A/5A | **DEPARTMENT OF ENGG** | 1090 | Working | 01-02-2022 |
| 140 | Ammeter AC/DC 5/10A | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 141 | Ammeter DC 0-5A | **DEPARTMENT OF ENGG** | 1200 | Working | 01-02-2022 |

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|---|---|---|---|---|---|
| 142 | Ammeter MI Type 5/10 amp | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 143 | Ammeter MI Type 0/20 amp | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 144 | Ammeter MI Type 0-5 amp | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 145 | 25 MHz, 2 channel, 4 Trace CRO model 803 | **DEPARTMENT OF ENGG** | 19500 | Working | 01-02-2022 |
| 146 | 30 MHz Scientific Oscillator SM-410 | **DEPARTMENT OF ENGG** | 14256.5 | Working | 01-02-2022 |
| 147 | Drill Machine Rotary - Hammer Drill WD-2002 | **DEPARTMENT OF ENGG** | 3200 | Working | 01-02-2022 |
| 148 | Diode Characteristics AB-01 | **DEPARTMENT OF ENGG** | 2615 | Working | 01-02-2022 |
| 149 | 2MHz function generator ING-2000 | **DEPARTMENT OF ENGG** | 5132.37 | Working | 01-02-2022 |
| 150 | Hammer | **DEPARTMENT OF ENGG** | 55 | Working | 01-02-2022 |
| 152 | Hammer Claw | **DEPARTMENT OF ENGG** | 105 | Working | 01-02-2022 |
| 153 | Inductive load single phase input 220V 1000 watt | **DEPARTMENT OF ENGG** | 1440 | Working | 01-02-2022 |
| 154 | 3- phase Induction motor 1-HP, 50Hz, 400/440 V (Cut section bur demo) | **DEPARTMENT OF ENGG** | 4000 | Working | 01-02-2022 |
| 157 | Love Joy Coopling | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 160 | Lamp load, capacity 1000 Watt 1-phase 220 Volt | **DEPARTMENT OF ENGG** | 2000 | Working | 01-02-2022 |
| 161 | Logic gate Kit | **DEPARTMENT OF ENGG** | 1180 | Working | 01-02-2022 |
| 162 | Digital Multimeter MECO-603 | **DEPARTMENT OF ENGG** | 2640 | Working | 01-02-2022 |
| 163 | Plier | **DEPARTMENT OF ENGG** | 125 | Working | 01-02-2022 |
| 164 | Nose Plier | **DEPARTMENT OF ENGG** | 95 | Working | 01-02-2022 |
| 165 | Resistance 120 Watt 2Ampere | **DEPARTMENT OF ENGG** | 450 | Working | 01-02-2022 |
| 166 | Resistance 50 Watt 4.1 Ampere | **DEPARTMENT OF ENGG** | 750 | Working | 01-02-2022 |
| 167 | Resistance 35 Watt 3 Ampere | **DEPARTMENT OF ENGG** | 550 | Working | 01-02-2022 |
| 168 | Rheostat, Assorted Range | **DEPARTMENT OF ENGG** | 2100 | Working | 01-02-2022 |
| 169 | Rheostat 800 Watt Big size | **DEPARTMENT OF ENGG** | 1440 | Working | 01-02-2022 |

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| 170 | DC Shunt motor 02 HP (230 Volt 1500 rpm) | **DEPARTMENT OF ENGG** | **8700** | Working | 01-02-2022 |
| 171 | DC Shunt motor 01HP (230 Volt 1500 rpm) | **DEPARTMENT OF ENGG** | 5500 | Working | 01-02-2022 |
| 172 | 3 Point shunt motor starter | **DEPARTMENT OF ENGG** | 1800 | Working | 01-02-2022 |
| 173 | 4 Pont shunt motor starter | **DEPARTMENT OF ENGG** | 1800 | Working | 01-02-2022 |
| 174 | Drive for DC stunt motor | **DEPARTMENT OF ENGG** | 5200 | Working | 01-02-2022 |
| 175 | Stripper | **DEPARTMENT OF ENGG** | 140 | Working | 01-02-2022 |
| 176 | Crew driver 904 | **DEPARTMENT OF ENGG** | 35 | Working | 01-02-2022 |
| 177 | Crew driver 903 | **DEPARTMENT OF ENGG** | 45 | Working | 01-02-2022 |
| 179 | Transformer I-KVA l-phase, 50%, 86.6%, 100% tapping | **DEPARTMENT OF ENGG** | 13350 | Working | 01-02-2022 |
| 180 | Tachometer digital HTM-590 | **DEPARTMENT OF ENGG** | 2000 | Working | 01-02-2022 |
| 181 | Tester small & Big | **DEPARTMENT OF ENGG** | 25 | Working | 01-02-2022 |
| 182 | Tool box | **DEPARTMENT OF ENGG** | 450 | Working | 01-02-2022 |
| 183 | MI-Type voltmeter 150-300 Volt | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 184 | MI-Type voltmeter 0-325-650V | **DEPARTMENT OF ENGG** | 1800 | Working | 01-02-2022 |
| 185 | Voltmeter AC/DC 50-100 Volt | **DEPARTMENT OF ENGG** | 1200 | Working | 01-02-2022 |
| 186 | Voltmeter AC/DC 300 Volt | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 187 | Port Voltmeter DC 0-250 Volt | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 188 | Variac l-phase, 4 amp, 230V, 50Hz | **DEPARTMENT OF ENGG** | 5800 | Working | 01-02-2022 |
| 189 | Variac 1-phase, 2Ampere, 230Volt, 50Hz | **DEPARTMENT OF ENGG** | 2900 | Working | 01-02-2022 |
| 190 | Variac l- phase , 8Ampere, 230Volt, 50Hz | **DEPARTMENT OF ENGG** | 7000 | Working | 01-02-2022 |
| 191 | Wattmeter 2.5-5 Ampere/ 150-300-600Vo1t | **DEPARTMENT OF ENGG** | 2900 | Working | 01-02-2022 |
| 192 | Wattmeter 5-10A/150-300-600V | **DEPARTMENT OF ENGG** | 2900 | Working | 01-02-2022 |
| 194 | Wattmeter but 2.5-5amp / 250-500V | **DEPARTMENT OF ENGG** | 2900 | Working | 01-02-2022 |
| 195 | Port LPF Wattmeter 5-10 at. 150-300-600V | **DEPARTMENT OF ENGG** | 250 | Working | 01-02-2022 |

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| 199 | Application of IC-555 timer | **DEPARTMENT OF ENGG** | **2320** | Working | 01-02-2022 |
| 201 | Multivibrator (Application of IC 555 timer) A-stable, Monostable | **DEPARTMENT OF ENGG** | **2320** | Working | 01-02-2022 |
| 202 | Astable& Non-Stable Multivibrator NV-6507 | **DEPARTMENT OF ENGG** | 5400 | Working | 01-02-2022 |
| 203 | Biasing of Transistor class 'A' Amplifier (BJT) ME-623 | **DEPARTMENT OF ENGG** | 1920 | Working | 01-02-2022 |
| 204 | DC power supply INP - 2152 | **DEPARTMENT OF ENGG** | 5184 | Working | 01-02-2022 |
| 205 | DC power supply INP - 2302 | **DEPARTMENT OF ENGG** | 5132 | Working | 01-02-2022 |
| 206 | Digital Multimeter SM-7022 | **DEPARTMENT OF ENGG** | 1357 | Working | 01-02-2022 |
| 207 | Digital Multimeter Caddo - 48 | **DEPARTMENT OF ENGG** | 1351 | Working | 01-02-2022 |
| 208 | Digital Multimeter 4011 | **DEPARTMENT OF ENGG** | 2650 | Working | 01-02-2022 |
| 209 | DIAC characteristics model no. 551-D | **DEPARTMENT OF ENGG** | 2240 | Working | 01-02-2022 |
| 210 | 1 MHz function generator ST 4060 | **DEPARTMENT OF ENGG** | 5132 | Working | 01-02-2022 |
| 211 | 2 MHz function generator ING-2000 | **DEPARTMENT OF ENGG** | 10265 | Working | 01-02-2022 |
| 212 | FET Characteristics apparatus ME-535D | **DEPARTMENT OF ENGG** | **3280** | Working | 01-02-2022 |
| 213 | MOSFET characteristics apparatus ME-548D | **DEPARTMENT OF ENGG** | 3280 | Working | 01-02-2022 |
| 214 | 30 MHz Oscilloscope SM-410 | **DEPARTMENT OF ENGG** | 28513 | Working | 01-02-2022 |
| 215 | 25 MHz Oscilloscope Codd - 803 | **DEPARTMENT OF ENGG** | 19500 | Working | 01-02-2022 |
| 216 | OP-AMP Amplifiers ME - 625 | **DEPARTMENT OF ENGG** | 2650 | Working | 01-02-2022 |
| 217 | Study of active filter using ME - 984 | **DEPARTMENT OF ENGG** | 2650 | Working | 01-02-2022 |
| 218 | OP Amplifier as differentiators & integrators ME - 631 | **DEPARTMENT OF ENGG** | 192 | Working | 01-02-2022 |
| 219 | SCR characteristics apparatus model - 534D | **DEPARTMENT OF ENGG** | 3520 | Working | 01-02-2022 |
| 220 | Transistor characteristics apparatus | **DEPARTMENT OF ENGG** | 1380 | Working | 01-02-2022 |
| 221 | Two stage RC coupled amplifier | **DEPARTMENT OF ENGG** | 1380 | Working | 01-02-2022 |
| 222 | Transistor characteristics trainer NV-6502 | **DEPARTMENT OF ENGG** | 6240 | Working | 01-02-2022 |

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| 223 | TRIAC characteristics apparatus ME-552D | **DEPARTMENT OF ENGG** | 3220 | Working | 01-02-2022 |
| 224 | Study of co split oscillates model ME-662 | **DEPARTMENT OF ENGG** | 3750 | Working | 01-02-2022 |
| 225 | Study of Hartely Oscillates model ME-661 | **DEPARTMENT OF ENGG** | 3800 | Working | 01-02-2022 |
| 226 | 4/8 Bit analog to Digital Converter ME- | **DEPARTMENT OF ENGG** | 4400 | Working | 01-02-2022 |
| 228 | 4/8 Bit Digital to analog Converter ME-732 | **DEPARTMENT OF ENGG** | 3840 | Working | 01-02-2022 |
| 229 | 1 MHz function Generator ST-4060 | **DEPARTMENT OF ENGG** | 7250 | Working | 01-02-2022 |
| 230 | 2 MHz function Generator ING-2000 | **DEPARTMENT OF ENGG** | 10265 | Working | 01-02-2022 |
| 231 | LVDT Trainer Kit ME-1052 | **DEPARTMENT OF ENGG** | 10800 | Working | 01-02-2022 |
| 232 | Maxwell Inductance Fridge ME-2204E | **DEPARTMENT OF ENGG** | 5680 | Working | 01-02-2022 |
| 246 | Wein bridge Oscillator ME-665 | **DEPARTMENT OF ENGG** | 5280 | Working | 01-02-2022 |
| 247 | Adders & Subtractors Trainer NV-6554 | **DEPARTMENT OF ENGG** | 5400 | Working | 01-02-2022 |
| 248 | Analog to Digital Converter with power supply board DB-22 | **DEPARTMENT OF ENGG** | 2925 | Working | 01-02-2022 |
| 250 | De-Morgan's Theorem NV-6553 | **DEPARTMENT OF ENGG** | 5400 | Working | 01-02-2022 |
| 251 | Digital to analog converter with power supply board DB-16 | **DEPARTMENT OF ENGG** | 2550 | Working | 01-02-2022 |
| 252 | Flip Flop BE-11 with power supply board | **DEPARTMENT OF ENGG** | 2675 | Working | 01-02-2022 |
| 253 | Study of Flip Flop using NAND Gates & TTL IC ME-702 | **DEPARTMENT OF ENGG** | 2300 | Working | 01-02-2022 |
| 254 | Half & Full adder trainer board | **DEPARTMENT OF ENGG** | **1440** | Working | 01-02-2022 |
| 255 | Digital full adder and Subtractors using NAND gates ME-701 | **DEPARTMENT OF ENGG** | 1840 | Working | 01-02-2022 |
| 256 | Logic gates BE-01 with power supply board | **DEPARTMENT OF ENGG** | **19500** | Working | 01-02-2022 |
| 257 | Digital logic Trainer Boolen idutities& Demorgan's Theorem ME-690 | **DEPARTMENT OF ENGG** | 6080 | Working | 01-02-2022 |
| 258 | Logic gates Cireuit trainer ME-694 | **DEPARTMENT OF ENGG** | 7520 | Working | 01-02-2022 |
| 259 | 25 MHz 2 channel, 4 Trace oscilloscope Caddo - 803 | **DEPARTMENT OF ENGG** | 19500 | Working | 01-02-2022 |

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| 260 | Power supply board AD-01 | **DEPARTMENT OF ENGG** | 2640 | Working | 01-02-2022 |
| 261 | Verification of HVL &KCL ME-561D | **DEPARTMENT OF ENGG** | 2640 | Working | 01-02-2022 |
| 262 | Kirchhoffs Law with power supply model AB-81 | **DEPARTMENT OF ENGG** | 2700 | Working | 01-02-2022 |
| 263 | Verification of maximum, power transfer theorem ME-595D | **DEPARTMENT OF ENGG** | 2200 | Working | 01-02-2022 |
| 264 | Verification of Reciprocity theorem ME-596D | **DEPARTMENT OF ENGG** | 2200 | Working | 01-02-2022 |
| 265 | RLC series & RLC parallel resonance CKT AB-80 | **DEPARTMENT OF ENGG** | 820 | Working | 01-02-2022 |
| 266 | Verification of super position theorem ME-592D | **DEPARTMENT OF ENGG** | **2200** | Working | 01-02-2022 |
| 267 | Verification cascade two port Network, ME-986 | **DEPARTMENT OF ENGG** | **2320** | Working | 01-02-2022 |
| 268 | Verification of The venin theorem ME-594D | **DEPARTMENT OF ENGG** | 2200 | Working | 01-02-2022 |
| 269 | Digital Multimeter SM-7022 | **DEPARTMENT OF ENGG** | 1357 | Working | 01-02-2022 |
| 270 | DSB/SSB AM Transmitter Mode ME 781 | **DEPARTMENT OF ENGG** | 10800 | Working | 01-02-2022 |
| 271 | DSB/SSB AM Receives Mode ME 782 | **DEPARTMENT OF ENGG** | 10800 | Working | 01-02-2022 |
| 275 | Frequency Shift Tagging ME 748 (Mars) | **DEPARTMENT OF ENGG** | 3760 | Working | 01-02-2022 |
| 282 | Frequency Mod & Demo ME 742 | **DEPARTMENT OF ENGG** | 3760 | Working | 01-02-2022 |
| 283 | FDM-MUX & Demur ME 761 | **DEPARTMENT OF ENGG** | 9280 | Working | 01-02-2022 |
| 284 | P. Code mod & Demo ME 751 | **DEPARTMENT OF ENGG** | 8320 | Working | 01-02-2022 |
| 285 | Sampling & Qualification Trainer Kit ME 776 | **DEPARTMENT OF ENGG** | 7920 | Working | 01-02-2022 |
| 286 | TDM Pulse amp. Mode & demo ME 777 | **DEPARTMENT OF ENGG** | 10800 | Working | 01-02-2022 |
| 287 | XILINX Software | **DEPARTMENT OF ENGG** | 100000 | Working | 01-02-2022 |
| 288 | CPLD Board with Device XE 9572PC84 on Board | **DEPARTMENT OF ENGG** | 10800 | Working | 01-02-2022 |
| 289 | FPGA Spartain III Proto Board | **DEPARTMENT OF ENGG** | 14400 | Working | 01-02-2022 |
| 290 | Microprocessor - 8086, | **DEPARTMENT OF ENGG** | 22800 | Working | 01-02-2022 |

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| 291 | 8031 microprocesor controller with input | **DEPARTMENT OF ENGG** | 21600 | Working | 01-02-2022 |
| 293 | ADC - 0809 interface module | **DEPARTMENT OF ENGG** | 2560 | Working | 01-02-2022 |
| 294 | Key board interface card | **DEPARTMENT OF ENGG** | 2560 | Working | 01-02-2022 |
| 295 | LCD Display interface | **DEPARTMENT OF ENGG** | 4000 | Working | 01-02-2022 |
| 296 | LED Display matrix | **DEPARTMENT OF ENGG** | 2800 | Working | 01-02-2022 |
| 297 | DSP Trainer Kit | **DEPARTMENT OF ENGG** | 63000 | Working | 01-02-2022 |
| 298 | EDA Software | **DEPARTMENT OF ENGG** | 20000 | Working | 01-02-2022 |
| 299 | Transmission Line Trainer | **DEPARTMENT OF ENGG** | 15500 | Working | 01-02-2022 |
| 300 | Klystron Trainer | **DEPARTMENT OF ENGG** | 86900 | Working | 01-02-2022 |
| 303 | Laser Diode Demodulation Kit-RX Unit | **DEPARTMENT OF ENGG** | 25872 | Working | 01-02-2022 |
| 304 | Determine the wavelength of sodium lamp by Michelson interferometer (complete setup) | **DEPARTMENT OF ENGG** | 39000 | Working | 01-02-2022 |
| 305 | Antenna Trainer with 22 antennas plus stopper motor | **DEPARTMENT OF ENGG** | 97000 | Working | 01-02-2022 |
| 308 | CADFEKO FEKO is the comprehensive electromagnetic analysis software suite using computational EM techniques like FEM, MOM, MLFMM, UTD, PO & GO to a wide ralige of electromagnetic problems. | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 312 | CRT) | **DEPARTMENT OF ENGG** | 35000 | Working | 01-02-2022 |
| 313 | Pattern generator for TV | **DEPARTMENT OF ENGG** | 12700 | Working | 01-02-2022 |
| 319 | plus stepper motor | **DEPARTMENT OF ENGG** | **138000** | Working | 01-02-2022 |
| 336 | Sliding /Fixed landing SIM holder (3 v/ 5V SIM interface) | **DEPARTMENT OF ENGG** | **56595** | Working | 01-02-2022 |
| 337 | Parity generator / checker with Bakelite front panel | **DEPARTMENT OF ENGG** | **2500** | Working | 01-02-2022 |

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| 338 | CDMA(DSSS) trainer | **DEPARTMENT OF ENGG** | 125000 | Working | 01-02-2022 |
| 350 | Feedback amplifier series and shunt voltage | **DEPARTMENT OF ENGG** | **3000** | Working | 01-02-2022 |
| 351 | 4-bit adder and subtractor circuit using IC 7483 | **DEPARTMENT OF ENGG** | 2500 | Working | 01-02-2022 |
| 352 | Digital full adders and subtracters using NAND gates | **DEPARTMENT OF ENGG** | 2500 | Working | 01-02-2022 |
| 353 | Operational amplifier as voltage comparator | **DEPARTMENT OF ENGG** | 2000 | Working | 01-02-2022 |
| 354 | 4-bit digital comparator | **DEPARTMENT OF ENGG** | 3000 | Working | 01-02-2022 |
| 355 | XYLINX ISE 12 design suite | **DEPARTMENT OF ENGG** | 69000 | Working | 01-02-2022 |
| 356 | XILINX Software | **DEPARTMENT OF ENGG** | 75000 | Working | 01-02-2022 |
| 357 | MATLAB | **DEPARTMENT OF ENGG** | 150000 | Working | 01-02-2022 |
| 358 | Diode Characteristics AB-01 | **DEPARTMENT OF ENGG** | 12000 | Working | 01-02-2022 |
| 359 | 2 MHz function generator ING-2000 | **DEPARTMENT OF ENGG** | 80000 | Working | 01-02-2022 |
| 360 | Diode | **DEPARTMENT OF ENGG** | 5000 | Working | 01-02-2022 |
| 362 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 7500 | Working | 01-02-2022 |
| 363 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 364 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 365 | Software for' EE | **DEPARTMENT OF ENGG** | 200 | Working | 01-02-2022 |
| 366 | Abel's Flash point Apparatus | **DEPARTMENT OF ENGG** | 20000 | Working | 01-02-2022 |
| 367 | Analytical Balance | **DEPARTMENT OF ENGG** | 1650 | Working | 01-02-2022 |
| 368 | Digital Balance | **DEPARTMENT OF ENGG** | 4400 | Working | 01-02-2022 |
| 369 | Cleveland's Apparatus | **DEPARTMENT OF ENGG** | 3800 | Working | 01-02-2022 |
| 370 | Cloud and Pour point app | **DEPARTMENT OF ENGG** | 4200 | Working | 01-02-2022 |
| 371 | Hot Air Oven | **DEPARTMENT OF ENGG** | 6500 | Working | 01-02-2022 |
| 372 | Hot Plate | **DEPARTMENT OF ENGG** | 775 | Working | 01-02-2022 |
| 373 | Muffle Furnace | **DEPARTMENT OF ENGG** | 5900 | Working | 01-02-2022 |

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| 374 | PH Meter Digital | **DEPARTMENT OF ENGG** | 3400 | Working | 01-02-2022 |
| 375 | Penskey Mai*ri's Flash pt. app | **DEPARTMENT OF ENGG** | 7000 | Working | 01-02-2022 |
| 376 | Stop Clock | **DEPARTMENT OF ENGG** | 400 | Working | 01-02-2022 |
| 377 | Redwood Viscoiiieter no. 1 | **DEPARTMENT OF ENGG** | 5000 | Working | 01-02-2022 |
| 378 | Redwood Viscoineter no. 2 | **DEPARTMENT OF ENGG** | 5600 | Working | 01-02-2022 |
| 379 | Water Still | **DEPARTMENT OF ENGG** | 2500 | Working | 01-02-2022 |
| 380 | Fresnel's Bi-P1'isin Assembly & Laser Light | **DEPARTMENT OF ENGG** | 8500 | Working | 01-02-2022 |
| 381 | NPN / PNP Transistor | **DEPARTMENT OF ENGG** | 2400 | Working | 01-02-2022 |
| 382 | Newton's II ing Microscope | **DEPARTMENT OF ENGG** | 5000 | Working | 01-02-2022 |
| 385 | P-N Junction Diodes | **DEPARTMENT OF ENGG** | 1550 | Working | 01-02-2022 |
| 394 | Zener Diode | **DEPARTMENT OF ENGG** | 1425 | Working | 01-02-2022 |
| 395 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 7500 | Working | 01-02-2022 |
| 396 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 397 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 398 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 750000 | Working | 01-02-2022 |
| 399 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 400 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 402 | Dual Core • Computer System | **DEPARTMENT OF ENGG** | 4900 | Working | 01-02-2022 |
| 403 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 404 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 405 | Dot Net frame work - Software | **DEPARTMENT OF ENGG** | 30000 | Working | 01-02-2022 |
| 406 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 4900 | Working | 01-02-2022 |
| 407 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 408 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 409 | C++ | **DEPARTMENT OF ENGG** | 30000 | Working | 01-02-2022 |

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| 410 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 180000 | Working | 01-02-2022 |
| 411 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 412 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 413 | c++ | **DEPARTMENT OF ENGG** | 30000 | Working | 01-02-2022 |
| 414 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 7800 | Working | 01-02-2022 |
| 415 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 416 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 417 | C++ | **DEPARTMENT OF ENGG** | 30000 | Working | 01-02-2022 |
| 418 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 15600 | Working | 01-02-2022 |
| 419 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 420 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 422 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 15600 | Working | 01-02-2022 |
| 423 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 424 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 425 | Microsoft SQL Server - 2005 | **DEPARTMENT OF ENGG** | 20000 | Working | 01-02-2022 |
| 426 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 15600 | Working | 01-02-2022 |
| 428 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 15600 | Working | 01-02-2022 |
| 429 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 430 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 431 | Words Worth Software | **DEPARTMENT OF ENGG** | 125000 | Working | 01-02-2022 |
| 435 | Processor (SISD,MIMD, pipeline etc) | **DEPARTMENT OF ENGG** | 27000 | Working | 01-02-2022 |
| 438 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 15600 | Working | 01-02-2022 |
| 439 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 440 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 442 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 15600 | Working | 01-02-2022 |
| 443 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |

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| 444 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 446 | Dual Core - Computer System | **DEPARTMENT OF ENGG** | 15600 | Working | 01-02-2022 |
| 447 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 448 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 450 | Dual Core - Computer System | DEPARTMENT OF ENGG | 15600 | Working | 01-02-2022 |
| 451 | Window 7 - OS | DEPARTMENT OF ENGG | 60000 | Working | 01-02-2022 |
| 452 | Microsoft MS-Office | DEPARTMENT OF ENGG | 40000 | Working | 01-02-2022 |
| 454 | Dual-Core Computer System | DEPARTMENT OF ENGG | 15600 | Working | 01-02-2022 |
| 455 | Window 7 - OS | DEPARTMENT OF ENGG | 60000 | Working | 01-02-2022 |
| 456 | Microsoft MS-Office | DEPARTMENT OF ENGG | 40000 | Working | 01-02-2022 |
| 458 | Dual-Core Computer System | **DEPARTMENT OF ENGG** | 15600 | Working | 01-02-2022 |
| 459 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 460 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 463 | Window 7 - OS | **DEPARTMENT OF ENGG** | 60000 | Working | 01-02-2022 |
| 464 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 466 | Pitot Tubes | **DEPARTMENT OF ENGG** | 3000 | Working | 01-02-2022 |
| 467 | Manometers | **DEPARTMENT OF ENGG** | 3500 | Working | 01-02-2022 |
| 468 | Pelton Turbine | **DEPARTMENT OF ENGG** | 22000 | Working | 01-02-2022 |
| 469 | Kaplan Turbine | **DEPARTMENT OF ENGG** | 19000 | Working | 01-02-2022 |
| 470 | Impulse Turbine | **DEPARTMENT OF ENGG** | 20500 | Working | 01-02-2022 |
| 471 | Centrifugal Pump | **DEPARTMENT OF ENGG** | 18700 | Working | 01-02-2022 |
| 472 | Venturimeter | **DEPARTMENT OF ENGG** | 5500 | Working | 01-02-2022 |
| 473 | Orifice Meter | **DEPARTMENT OF ENGG** | 5700 | Working | 01-02-2022 |
| 474 | Compression Testing Machine | **DEPARTMENT OF ENGG** | 70000 | Working | 01-02-2022 |
| 475 | Impact Strength Testing Machine | **DEPARTMENT OF ENGG** | 65000 | Working | 01-02-2022 |

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| 476 | Flexural Testing Machine (Hand Operator) | **DEPARTMENT OF ENGG** | 30000 | Working | 01-02-2022 |
| 481 | Petrol engine test | **DEPARTMENT OF ENGG** | 140000 | Working | 01-02-2022 |
| 485 | Diesel Engine test | **DEPARTMENT OF ENGG** | 140000 | Working | 01-02-2022 |
| 486 | Refrigeration test | **DEPARTMENT OF ENGG** | 48000 | Working | 01-02-2022 |
| 487 | Air compressor test | **DEPARTMENT OF ENGG** | 42000 | Working | 01-02-2022 |
| 488 | Model of refrigerator | **DEPARTMENT OF ENGG** | 15000 | Working | 01-02-2022 |
| 489 | Cut section model of compressor | **DEPARTMENT OF ENGG** | 12000 | Working | 01-02-2022 |
| 490 | Air pressure turbine model | **DEPARTMENT OF ENGG** | 10000 | Working | 01-02-2022 |
| 491 | Calorimeter | **DEPARTMENT OF ENGG** | 35000 | Working | 01-02-2022 |
| 492 | Petrol engine test | **DEPARTMENT OF ENGG** | 140000 | Working | 01-02-2022 |
| 493 | Diesel Engine test | **DEPARTMENT OF ENGG** | 140000 | Working | 01-02-2022 |
| 494 | Refrigeration test | **DEPARTMENT OF ENGG** | 48000 | Working | 01-02-2022 |
| 495 | Air compressor test | **DEPARTMENT OF ENGG** | 42000 | Working | 01-02-2022 |
| 496 | Model of refrigerator | **DEPARTMENT OF ENGG** | 15000 | Working | 01-02-2022 |
| 497 | Cut section model of compressor | **DEPARTMENT OF ENGG** | 12000 | Working | 01-02-2022 |
| 498 | Air pressure turbine model | **DEPARTMENT OF ENGG** | 10000 | Working | 01-02-2022 |
| 499 | Calorimeter | **DEPARTMENT OF ENGG** | 35000 | Working | 01-02-2022 |
| 500 | Fusible Plug | **DEPARTMENT OF ENGG** | 1400 | Working | 01-02-2022 |
| 501 | Model of Lancashire Boiler | **DEPARTMENT OF ENGG** | 7600 | Working | 01-02-2022 |
| 502 | Model of Babcock & Wilcox Boiler | **DEPARTMENT OF ENGG** | 7600 | Working | 01-02-2022 |
| 503 | Model of Locomotive Boiler | **DEPARTMENT OF ENGG** | 7600 | Working | 01-02-2022 |
| 504 | Model of Cochran Boiler | **DEPARTMENT OF ENGG** | 5800 | Working | 01-02-2022 |
| 505 | Model of 2 Stroke Petrol Engine | **DEPARTMENT OF ENGG** | 1750 | Working | 01-02-2022 |
| 506 | Model of 2 Stroke Diesel Engine | **DEPARTMENT OF ENGG** | 1900 | Working | 01-02-2022 |
| 507 | Model of 4 Stroke Petrol Engine | **DEPARTMENT OF ENGG** | 1900 | Working | 01-02-2022 |
| 508 | Model of 4 Stroke Diesel Engine | **DEPARTMENT OF ENGG** | 1900 | Working | 01-02-2022 |

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| 509 | Pressure Gauge | **DEPARTMENT OF ENGG** | 1250 | Working | 01-02-2022 |
| 510 | Reducing Valve | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 511 | Lever Safety Valve | **DEPARTMENT OF ENGG** | 1400 | Working | 01-02-2022 |
| 512 | Spring Loaded Safety Valve | **DEPARTMENT OF ENGG** | 1250 | Working | 01-02-2022 |
| 513 | Dead Weight Safety Valve | **DEPARTMENT OF ENGG** | 1250 | Working | 01-02-2022 |
| 514 | Steam Engine with Boiler | **DEPARTMENT OF ENGG** | 4500 | Working | 01-02-2022 |
| 515 | Vertical Water Tube Boiler | **DEPARTMENT OF ENGG** | 5800 | Working | 01-02-2022 |
| 516 | Water Gauge Model | **DEPARTMENT OF ENGG** | 1600 | Working | 01-02-2022 |
| 517 | Anti-Priming Pipe | **DEPARTMENT OF ENGG** | 800 | Working | 01-02-2022 |
| 518 | Model Knuckle Joint | **DEPARTMENT OF ENGG** | 3000 | Working | 01-02-2022 |
| 519 | Model of universal Hooke's joint | **DEPARTMENT OF ENGG** | 4500 | Working | 01-02-2022 |
| 520 | Different types of Welding joints | **DEPARTMENT OF ENGG** | 12000 | Working | 01-02-2022 |
| 521 | Cut section model of pulleys | **DEPARTMENT OF ENGG** | 15000 | Working | 01-02-2022 |
| 526 | Model of different types of keys | **DEPARTMENT OF ENGG** | 1000 | Working | 01-02-2022 |
| 528 | Plate Cam (Set) | **DEPARTMENT OF ENGG** | 2350 | Working | 01-02-2022 |
| 529 | End Cam (with translating follower) | **DEPARTMENT OF ENGG** | 2550 | Working | 01-02-2022 |
| 530 | Tangent Cam (with roller oscillating follower) | **DEPARTMENT OF ENGG** | 2650 | Working | 01-02-2022 |
| 531 | Cylindrical Cam (with translating follower) | **DEPARTMENT OF ENGG** | 3120 | Working | 01-02-2022 |
| 532 | Translating Cam (with reciprocating knife edge follower) | **DEPARTMENT OF ENGG** | 2540 | Working | 01-02-2022 |
| 533 | Cam Profile Analysis Machine App. | **DEPARTMENT OF ENGG** | 32500 | Working | 01-02-2022 |
| 534 | Ackerman Steering Mechanism | **DEPARTMENT OF ENGG** | 2800 | Working | 01-02-2022 |
| 535 | Locomotive Coupling bar Mechanism | **DEPARTMENT OF ENGG** | 3200 | Working | 01-02-2022 |
| 536 | Beam Engine Mechanism | **DEPARTMENT OF ENGG** | 3500 | Working | 01-02-2022 |
| 537 | Motorized Gyroscope | **DEPARTMENT OF ENGG** | 34500 | Working | 01-02-2022 |

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| 538 | Reciprocating Engine Mechanism | **DEPARTMENT OF ENGG** | 2516 | Working | 01-02-2022 |
| 539 | Oscillating Cylinder Mechanism | **DEPARTMENT OF ENGG** | 3200 | Working | 01-02-2022 |
| 540 | Whitworth Quick Return Mechanism | **DEPARTMENT OF ENGG** | 2700 | Working | 01-02-2022 |
| 541 | Standard Gyroscope | **DEPARTMENT OF ENGG** | 2180 | Working | 01-02-2022 |
| 542 | Tractor Differential | **DEPARTMENT OF ENGG** | 5600 | Working | 01-02-2022 |
| 543 | Claw Clutch | **DEPARTMENT OF ENGG** | 2450 | Working | 01-02-2022 |
| 544 | Conical Friction Clutch | **DEPARTMENT OF ENGG** | 2450 | Working | 01-02-2022 |
| 545 | Centrifugal Clutch | **DEPARTMENT OF ENGG** | 2780 | Working | 01-02-2022 |
| 546 | Single Plate Clutch | **DEPARTMENT OF ENGG** | 2350 | Working | 01-02-2022 |
| 547 | Multi Plate Clutch | **DEPARTMENT OF ENGG** | 3600 | Working | 01-02-2022 |
| 548 | Balancing App. (Static & Dynamic) | **DEPARTMENT OF ENGG** | 30000 | Working | 01-02-2022 |
| 549 | Universal Governor App. | **DEPARTMENT OF ENGG** | 34750 | Working | 01-02-2022 |
| 550 | Drawing Board | **DEPARTMENT OF ENGG** | 30000 | Working | 01-02-2022 |
| 551 | Drawing Chart | **DEPARTMENT OF ENGG** | 20000 | Working | 01-02-2022 |
| 552 | Rectangular Prism Wooden Model (Dissected) | **DEPARTMENT OF ENGG** | 360 | Working | 01-02-2022 |
| 553 | Rectangular Pyramid Wooden Model (Dissected) | **DEPARTMENT OF ENGG** | 360 | Working | 01-02-2022 |
| 554 | Triangular Prism Wooden Model (Dissected) | **DEPARTMENT OF ENGG** | 360 | Working | 01-02-2022 |
| 555 | Triangular Prism Pyramid Wooden Model (Dissected) | **DEPARTMENT OF ENGG** | 360 | Working | 01-02-2022 |
| 556 | Square Prism Wooden Model (Dissected) | **DEPARTMENT OF ENGG** | 360 | Working | 01-02-2022 |
| 557 | Square Pyramid Wooden Model (Dissected) | **DEPARTMENT OF ENGG** | 360 | Working | 01-02-2022 |
| 559 | Pentagon Pyramid Wooden Model (Dissected) | **DEPARTMENT OF ENGG** | 360 | Working | 01-02-2022 |
| 562 | Cone (Dissected Wooden) | **DEPARTMENT OF ENGG** | 600 | Working | 01-02-2022 |
| 566 | Cone (Dissected Wooden) | **DEPARTMENT OF ENGG** | 360 | Working | 01-02-2022 |

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| 567 | Rectangular Prism Unsection Wooden | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 568 | Rectangular Pyramid Unsection Wooden | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 569 | Triangular Prism Unsection Wooden | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 570 | Triangular Pyramid Unsection Wooden | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 571 | Square Unsection Prism Unsection Wooden | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 572 | Square Unsection Pyramid Unsection Wooden | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 573 | Pentagon Unsection Prism Unsection Wooden | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 574 | Pentagon Unsection Pyramid Unsection Wooden | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 575 | Hexagon Unsection Prism Unsection Wooden | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 576 | Hexagon Unsection Pyramid Unsection Wooden | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 577 | Cube Unsection Pyramid Unsection Wooden | **DEPARTMENT OF ENGG** | 550 | Working | 01-02-2022 |
| 578 | Cone Unsection Pyramid Unsection Wooden | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 579 | Cone Cut in Four section Wooden | **DEPARTMENT OF ENGG** | 400 | Working | 01-02-2022 |
| 580 | Cylinder Unsectional (Wooden Model) | **DEPARTMENT OF ENGG** | 290 | Working | 01-02-2022 |
| 581 | Tetra Hedron Unsectional (Wooden Model) | **DEPARTMENT OF ENGG** | 260 | Working | 01-02-2022 |
| 582 | Object Plates Different Plane 07 Nos | **DEPARTMENT OF ENGG** | 980 | Working | 01-02-2022 |
| 583 | Model of Dissected Solid set of 8 Nos. | **DEPARTMENT OF ENGG** | 3200 | Working | 01-02-2022 |
| 584 | Isometric Model Kit set of 8 Nos. | **DEPARTMENT OF ENGG** | 1900 | Working | 01-02-2022 |
| 585 | Object Model of Interpenetration of Solid | **DEPARTMENT OF ENGG** | 7400 | Working | 01-02-2022 |
| 586 | Slide Rule Model (Wooden) | **DEPARTMENT OF ENGG** | 1200 | Working | 01-02-2022 |
| 587 | Geometrical Instrument Box | **DEPARTMENT OF ENGG** | 1000 | Working | 01-02-2022 |
| 588 | Projection of Straights line Apparatus | **DEPARTMENT OF ENGG** | 1100 | Working | 01-02-2022 |
| 589 | Instrument Box (Engg.) 18 Items | **DEPARTMENT OF ENGG** | 300 | Working | 01-02-2022 |

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| 590 | T' Square one meter | **DEPARTMENT OF ENGG** | 250 | Working | 01-02-2022 |
| 591 | Set Square 30' & 40' (Medium) | **DEPARTMENT OF ENGG** | 60 | Working | 01-02-2022 |
| 592 | French Curves 12 Nos. | **DEPARTMENT OF ENGG** | 150 | Working | 01-02-2022 |
| 593 | Roller Scale Covers 12" | **DEPARTMENT OF ENGG** | 40 | Working | 01-02-2022 |
| 594 | Magnifying Glass (Medium) | **DEPARTMENT OF ENGG** | 60 | Working | 01-02-2022 |
| 595 | Scissor - Kechi (Small) | **DEPARTMENT OF ENGG** | 50 | Working | 01-02-2022 |
| 597 | Mini Drawing ht sr. | **DEPARTMENT OF ENGG** | 300 | Working | 01-02-2022 |
| 598 | Steel Rule 24" | **DEPARTMENT OF ENGG** | 60 | Working | 01-02-2022 |
| 606 | Microsoft MS-Office | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 607 | CAD/CAM - Software | **DEPARTMENT OF ENGG** | 200000 | Working | 01-02-2022 |
| 608 | Model Knuckle Joint | **DEPARTMENT OF ENGG** | 3000 | Working | 01-02-2022 |
| 609 | Model of universal Hooke's joint | **DEPARTMENT OF ENGG** | 4500 | Working | 01-02-2022 |
| 610 | Different type of Welding joints | **DEPARTMENT OF ENGG** | 12000 | Working | 01-02-2022 |
| 611 | Cut section model of pulleys | **DEPARTMENT OF ENGG** | 15000 | Working | 01-02-2022 |
| 612 | Chart for designing of different machine components | **DEPARTMENT OF ENGG** | 5000 | Working | 01-02-2022 |
| 613 | Model of different types of threads and nuts | **DEPARTMENT OF ENGG** | 2000 | Working | 01-02-2022 |
| 614 | Chart of different types of threads and nuts | **DEPARTMENT OF ENGG** | 1000 | Working | 01-02-2022 |
| 615 | Model of different type of flanges and couplings | **DEPARTMENT OF ENGG** | 200. | Working | 01-02-2022 |
| 616 | Model of different types of keys | **DEPARTMENT OF ENGG** | 1000 | Working | 01-02-2022 |
| 617 | CNC LATHE | **DEPARTMENT OF ENGG** | 4500 | Working | 01-02-2022 |
| 618 | Water tanker | **DEPARTMENT OF ENGG** | 50000 | Working | 01-02-2022 |
| 619 | Motor | **DEPARTMENT OF ENGG** | 40000 | Working | 01-02-2022 |
| 620 | Safety Equipment | **DEPARTMENT OF ENGG** | 65000 | Working | 01-02-2022 |
| 621 | Foam Fire Ext. with tube | **DEPARTMENT OF ENGG** | 7800 | Working | 01-02-2022 |
| 622 | Fire Man Axe | **DEPARTMENT OF ENGG** | 500 | Working | 01-02-2022 |

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| 623 | Revolving Branch | **DEPARTMENT OF ENGG** | 1500 | Working | 01-02-2022 |
| 624 | Hose Pipe Bandage | **DEPARTMENT OF ENGG** | 550 | Working | 01-02-2022 |
| 625 | Hose Pipe Coupling | **DEPARTMENT OF ENGG** | 550 | Working | 01-02-2022 |
| 626 | Fire Proximity Suit | **DEPARTMENT OF ENGG** | 18000 | Working | 01-02-2022 |
| 627 | Fire Ext. 06 kg DCP type | **DEPARTMENT OF ENGG** | 1250 | Working | 01-02-2022 |
| 628 | Fire Extinguisher 06 kg (ABC type) | **DEPARTMENT OF ENGG** | 1350 | Working | 01-02-2022 |
| 629 | Fire Ext. 4.5 kg CO2 type | **DEPARTMENT OF ENGG** | 3200 | Working | 01-02-2022 |
| 630 | Branch Pipe | **DEPARTMENT OF ENGG** | 5000 | Working | 01-02-2022 |
| 631 | Fire Ext. 13 kg | **DEPARTMENT OF ENGG** | 1050 | Working | 01-02-2022 |
| 632 | Fire Ext. 04 kg (ABC) type | **DEPARTMENT OF ENGG** | 1050 | Working | 01-02-2022 |
| 633 | Fire Ext. 02 kg (ABC type) | **DEPARTMENT OF ENGG** | 750 | Working | 01-02-2022 |
| 634 | Fire Ext. 01 kg (ABC type) | **DEPARTMENT OF ENGG** | 650 | Working | 01-02-2022 |
| 635 | Full Body Harness | **DEPARTMENT OF ENGG** | 400 | Working | 01-02-2022 |
| 636 | Half Body Harness | **DEPARTMENT OF ENGG** | 180 | Working | 01-02-2022 |
| 637 | Gloves (Electrical) | **DEPARTMENT OF ENGG** | 520 | Working | 01-02-2022 |
| 690 | Hypodermic syringes and needles of size 15,24,26G | **PHARMACY** | 1400 | Working | 01-02-2022 |
| 691 | Levers, cannulae* | **PHARMACY** | 80 | Working | 01-02-2022 |
| 692 | Microscope with stage micrometer | **PHARMACY** | 260 | Working | 01-02-2022 |
| 693 | Digital Balance | **PHARMACY** | 10000 | Working | 01-02-2022 |
| 694 | Autoclave | **PHARMACY** | 50000 | Working | 01-02-2022 |
| 695 | Hot air oven | **PHARMACY** | 20000 | Working | 01-02-2022 |
| 696 | B.O.D.incubator | **PHARMACY** | 48000 | Working | 01-02-2022 |
| 697 | Refrigerator | **PHARMACY** | 21000 | Working | 01-02-2022 |
| 698 | Laminar air flow | **PHARMACY** | 80000 | Working | 01-02-2022 |
| 699 | Colony counter | **PHARMACY** | 1900 | Working | 01-02-2022 |
| 701 | Digital pH meter | **PHARMACY** | 3000 | Working | 01-02-2022 |

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| 702 | Microscope with stage and oil immersion objective | **PHARMACY** | 2500 | Working | 01-02-2022 |
| 703 | Sterility testing unit | **PHARMACY** | 4500 | Working | 01-02-2022 |
| 704 | Camera Lucida | **PHARMACY** | 800 | Working | 01-02-2022 |
| 705 | Eye piece micrometer | **PHARMACY** | 250 | Working | 01-02-2022 |
| 706 | Stage micrometer | **PHARMACY** | 260 | Working | 01-02-2022 |
| 707 | Incinerator | **PHARMACY** | 6610 | Working | 01-02-2022 |
| 708 | Moisture balance | **PHARMACY** | 12500 | Working | 01-02-2022 |
| 709 | Heating mantle | **PHARMACY** | 1200 | Working | 01-02-2022 |
| 710 | Flourimeter | **PHARMACY** | 35000 | Working | 01-02-2022 |
| 711 | Vacuum pump | **PHARMACY** | 4500 | Working | 01-02-2022 |
| 712 | Micropipettes (Single and multi channeled) | **PHARMACY** | 650 | Working | 01-02-2022 |
| 713 | Micro Centrifuge | **PHARMACY** | 1500 | Working | 01-02-2022 |
| 714 | Projection Microscope | **PHARMACY** | 6000 | Working | 01-02-2022 |
| 715 | Reflux flask with condenser | **PHARMACY** | 980 | Working | 01-02-2022 |
| 716 | Water bath | **PHARMACY** | 15000 | Working | 01-02-2022 |
| 717 | Clavengers apparatus | **PHARMACY** | 1100 | Working | 01-02-2022 |
| 718 | Soxhlet apparatus | **PHARMACY** | 550 | Working | 01-02-2022 |
| 719 | TLC chamber and sprayer | **PHARMACY** | 45000 | Working | 01-02-2022 |
| 720 | Distillation unit | **PHARMACY** | 9000 | Working | 01-02-2022 |
| 721 | Hot plates | **PHARMACY** | 2000 | Working | 01-02-2022 |
| 722 | Oven | **PHARMACY** | 3500 | Working | 01-02-2022 |
| 723 | Refrigerator | **PHARMACY** | 21000 | Working | 01-02-2022 |
| 724 | Analytical Balances for demonstration | **PHARMACY** | 170000 | Working | 01-02-2022 |
| 725 | Digital balance 10mg sensitivity | **PHARMACY** | 55000 | Working | 01-02-2022 |
| 726 | Suction pumps | **PHARMACY** | 450 | Working | 01-02-2022 |
| 727 | Muffle Furnace | **PHARMACY** | 7000 | Working | 01-02-2022 |
| 728 | Mechanical Stirrers | **PHARMACY** | 3500 | Working | 01-02-2022 |

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| 734 | Magnetic Stirrers with Thermostat | **PHARMACY** | 1200 | Working | 01-02-2022 |
| 735 | Vacuum Pump | **PHARMACY** | 4800 | Working | 01-02-2022 |
| 736 | Digital pH meter | **PHARMACY** | 3000 | Working | 01-02-2022 |
| 737 | Microwave Oven | **PHARMACY** | 7500 | Working | 01-02-2022 |
| 738 | Distillation Unit | **PHARMACY** | 9000 | Working | 01-02-2022 |
| 739 | Reflux flask and condenser single necked | **PHARMACY** | 300 | Working | 01-02-2022 |
| 740 | Reflux flask and condenser double / triple necked | **PHARMACY** | 450 | Working | 01-02-2022 |
| 741 | Burettes | **PHARMACY** | 100 | Working | 01-02-2022 |
| 742 | Arsenic Limit Test Apparatus | **PHARMACY** | 250 | Working | 01-02-2022 |
| 743 | Nesslers Cylinders | **PHARMACY** | 60 | Working | 01-02-2022 |
| 744 | Homogenizer | **PHARMACY** | 4500 | Working | 01-02-2022 |
| 745 | Digital balance (10 mg sensitivity) | **PHARMACY** | 1500 | Working | 01-02-2022 |
| 746 | Microscopes | **PHARMACY** | 2000 | Working | 01-02-2022 |
| 747 | Stage and eye piece micrometers | **PHARMACY** | 550 | Working | 01-02-2022 |
| 748 | Brookfield's viscometer | **PHARMACY** | 40000 | Working | 01-02-2022 |
| 749 | Ball mill* | **PHARMACY** | 5000 | Working | 01-02-2022 |
| 750 | Sieve shaker with sieve set* | **PHARMACY** | 16000 | Working | 01-02-2022 |
| 751 | Double cone blender | **PHARMACY** | 9500 | Working | 01-02-2022 |
| 752 | Propeller type mechanical agitator | **PHARMACY** | 3000 | Working | 01-02-2022 |
| 753 | Autoclave* | **PHARMACY** | 4500 | Working | 01-02-2022 |
| 754 | Steam distillation still | **PHARMACY** | 7500 | Working | 01-02-2022 |
| 755 | Vacuum Pump* | **PHARMACY** | 12000 | Working | 01-02-2022 |
| 756 | Standard sieves, sieve no. 8, 10, 12,22,24, 44, 66, 80 | **PHARMACY** | 1200 | Working | 01-02-2022 |
| 757 | Tablet punching machine | **PHARMACY** | 18000 | Working | 01-02-2022 |
| 758 | Capsule filling machine* | **PHARMACY** | 4500 | Working | 01-02-2022 |
| 759 | Ampoule washing machine* | **PHARMACY** | 5500 | Working | 01-02-2022 |
| 760 | Ampoule filling and sealing machine* | **PHARMACY** | 245000 | Working | 01-02-2022 |

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| 761 | Tablet disintegration test apparatus IP | **PHARMACY** | 6000 | Working | 01-02-2022 |
| 762 | Tablet dissolution test apparatus IP | **PHARMACY** | 5500 | Working | 01-02-2022 |
| 763 | Monsanto's hardness tester | **PHARMACY** | 6500 | Working | 01-02-2022 |
| 764 | Pfizer type hardness tester | **PHARMACY** | 7500 | Working | 01-02-2022 |
| 765 | Friability test $^{a}{}_{RPa}{}^{ratus*}$ | **PHARMACY** | 5200 | Working | 01-02-2022 |
| 766 | Clarity test apparatus | **PHARMACY** | 2400 | Working | 01-02-2022 |
| 767 | Ointment filling machine* | **PHARMACY** | 5200 | Working | 01-02-2022 |
| 768 | Collapsible Tube Crimping Machine* | **PHARMACY** | 5200 | Working | 01-02-2022 |
| 769 | Tablet coating *p*an* | **PHARMACY** | 9500 | Working | 01-02-2022 |
| 770 | Magnetic stirrer, 500ml and 1 liter capacity*. with variable speed control | **PHARMACY** | 1800 | Working | 01-02-2022 |
| 771 | Digital pH meter | **PHARMACY** | 3000 | Working | 01-02-2022 |
| 772 | All purpose equipment with all accessories | **PHARMACY** | 10000 | Working | 01-02-2022 |
| 775 | Aseptic Cabinet | **PHARMACY** | 3500 | Working | 01-02-2022 |
| 776 | BOD Incubato | **PHARMACY** | 45000 | Working | 01-02-2022 |
| 777 | Bottle washing Machine | **PHARMACY** | 11000 | Working | 01-02-2022 |
| 778 | Bottle Sealing Machine | **PHARMACY** | 13500 | Working | 01-02-2022 |
| 779 | Bulk Density Apparatus | **PHARMACY** | 5200 | Working | 01-02-2022 |
| 780 | Conical Percolator (glass/ copper/ stainless steel) | **PHARMACY** | 525 | Working | 01-02-2022 |
| 781 | Capsule Counter | **PHARMACY** | 15000 | Working | 01-02-2022 |
| 782 | Energy meter | **PHARMACY** | 1050 | Working | 01-02-2022 |
| 783 | Hot Plate | **PHARMACY** | 900 | Working | 01-02-2022 |
| 784 | Humidity Control Oven | **PHARMACY** | 35500 | Working | 01-02-2022 |
| 785 | Liquid Filling Machine | **PHARMACY** | 7500 | Working | 01-02-2022 |
| 786 | Mechanical stirrer with speed regulator | **PHARMACY** | 3200 | Working | 01-02-2022 |
| 787 | Precision Melting point Apparatus | **PHARMACY** | 1500 | Working | 01-02-2022 |
| 788 | Tray Drier | **PHARMACY** | 24000 | Working | 01-02-2022 |
| 789 | Distillation Unit | **PHARMACY** | 8500 | Working | 01-02- |

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| 790 | Ostwald's viscometer | **PHARMACY** | 2180 | Working | 01-02-2022 |
| 791 | Stalagmometer | **PHARMACY** | 100 | Working | 01-02-2022 |
| 792 | Desiccator* | **PHARMACY** | 1200 | Working | 01-02-2022 |
| 793 | Suppository moulds | **PHARMACY** | 1250 | Working | 01-02-2022 |
| 794 | Buchner Funnels Small, medium, large | **PHARMACY** | 577 | Working | 01-02-2022 |
| 795 | Filtration assembly | **PHARMACY** | 3000 | Working | 01-02-2022 |
| 796 | Permeability Cups | **PHARMACY** | 6000 | Working | 01-02-2022 |
| 797 | Andreason's Pipette | **PHARMACY** | 950 | Working | 01-02-2022 |
| 798 | Lipstick moulds | **PHARMACY** | 800 | Working | 01-02-2022 |
| 799 | Orbital shaker incubator | **PHARMACY** | 78000 | Working | 01-02-2022 |
| 800 | Lyophilizer (Desirable) | **PHARMACY** | 185000 | Working | 01-02-2022 |
| 801 | Gel Electrophoresis (Vertical and Horizontal) | **PHARMACY** | 30000 | Working | 01-02-2022 |
| 802 | Phase contrast/Trinocular Microscope | **PHARMACY** | 47995 | Working | 01-02-2022 |
| 803 | Refrigerated Centrifuge | **PHARMACY** | 184000 | Working | 01-02-2022 |
| 804 | Fermenters of different capacity (Desirable) | **PHARMACY** | 100000 | Working | 01-02-2022 |
| 805 | Tissue culture station | **PHARMACY** | 12000 | Working | 01-02-2022 |
| 806 | Laminar airflow unit | **PHARMACY** | 150000 | Working | 01-02-2022 |
| 807 | Diagnostic kits to identify infectious agents | **PHARMACY** | 96000 | Working | 01-02-2022 |
| 808 | Rheometer | **PHARMACY** | 4750 | Working | 01-02-2022 |
| 809 | Viscometer | **PHARMACY** | 19500 | Working | 01-02-2022 |
| 810 | Micropipettes fsingle and multi channeled) | **PHARMACY** | 650 | Working | 01-02-2022 |
| 811 | Sonicator | **PHARMACY** | 125000 | Working | 01-02-2022 |
| 812 | Respinometer | **PHARMACY** | 7500 | Working | 01-02-2022 |
| 816 | BOD Incubator | **PHARMACY** | 28000 | Working | 01-02-2022 |
| 817 | Paper Electrophoresis Unit | **PHARMACY** | 10000 | Working | 01-02-2022 |
| 818 | Micro Centrifuge | **PHARMACY** | 1800 | Working | 01-02-2022 |

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| 819 | Incubator water bath | **PHARMACY** | 250 | Working | 01-02-2022 |
| 820 | Autoclave | **PHARMACY** | 50000 | Working | 01-02-2022 |
| 821 | Refrigerator | **PHARMACY** | 21000 | Working | 01-02-2022 |
| 822 | Filtration Assembly | **PHARMACY** | 3000 | Working | 01-02-2022 |
| 823 | Digital pH meter | **PHARMACY** | 2800 | Working | 01-02-2022 |
| 824 | Colorimeter | **PHARMACY** | 8000 | Working | 01-02-2022 |
| 825 | Digital pH meter | **PHARMACY** | 11500 | Working | 01-02-2022 |
| 826 | UV- Visible Spectrophotometer | **PHARMACY** | 87000 | Working | 01-02-2022 |
| 827 | Flourimeter | **PHARMACY** | 48000 | Working | 01-02-2022 |
| 828 | Digital Balance (lmg sensitivity) | **PHARMACY** | 1000 | Working | 01-02-2022 |
| 829 | Nephelo Turbidity meter | **PHARMACY** | 7000 | Working | 01-02-2022 |
| 830 | Flame Photometer | **PHARMACY** | 62000 | Working | 01-02-2022 |
| 831 | Potentiometer | **PHARMACY** | 120 | Working | 01-02-2022 |
| 832 | Conductivity meter | **PHARMACY** | 19500 | Working | 01-02-2022 |
| 833 | Fourier Transform Infra Red Spectrometer (Desirable) | **PHARMACY** | 800 | Working | 01-02-2022 |
| 834 | HPLC | **PHARMACY** | 25000 | Working | 01-02-2022 |
| 835 | HPTLC (Desirable) | **PHARMACY** | 300000 | Working | 01-02-2022 |
| 836 | Atomic Absorption and Emission spectrophotometer (Desirable) | **PHARMACY** | 1200 | Working | 01-02-2022 |
| 837 | Biochemistry Analyzer (Desirable) | **PHARMACY** | 140000 | Working | 01-02-2022 |
| 838 | Carbon, Hydrogen, Nitrogen Analyzer (Desirable) | **PHARMACY** | 150000 | Working | 01-02-2022 |
| 839 | Deep Freezer (Desirable) | **PHARMACY** | 25000 | Working | 01-02-2022 |
| 840 | Ion- Exchanger | **PHARMACY** | 48000 | Working | 01-02-2022 |
| 841 | Lyophilizer (Desirable) | **PHARMACY** | 90000 | Working | 01-02-2022 |
| 842 | Continuous Hot Extraction Equipment | **PHARMACY** | 32000 | Working | 01-02-2022 |
| 843 | Conical Percolator | **PHARMACY** | 332 | Working | 01-02-2022 |
| 844 | Tincture Press | **PHARMACY** | 8200 | Working | 01-02-2022 |

| | | | | | |
|---|---|---|---|---|---|
| 845 | Hand Grinding Mill | **PHARMACY** | 35000 | Working | 01-02-2022 |
| 846 | Disintegrator* | **PHARMACY** | 150000 | Working | 01-02-2022 |
| 847 | Ball mill* | **PHARMACY** | 22500 | Working | 01-02-2022 |
| 848 | Hand operated Tablet machine | **PHARMACY** | 26500 | Working | 01-02-2022 |
| 849 | Tablet Coating Pan unit with hot air blower laboratory size* | **PHARMACY** | 175000 | Working | 01-02-2022 |
| 850 | Polishing pan laboratory size | **PHARMACY** | 6000 | Working | 01-02-2022 |
| 851 | Monsanto's hardness tester | **PHARMACY** | 75000 | Working | 01-02-2022 |
| 852 | Pfizer type hardness tester | **PHARMACY** | 34000 | Working | 01-02-2022 |
| 853 | Tablet disintegration test apparatus IP* | **PHARMACY** | 110000 | Working | 01-02-2022 |
| 858 | Tablet dissolution test apparatus IP* | **PHARMACY** | 190000 | Working | 01-02-2022 |
| 859 | Granulating sieve set | **PHARMACY** | 25000 | Working | 01-02-2022 |
| 860 | Tablet counter — small size | **PHARMACY** | 2000 | Working | 01-02-2022 |
| 861 | Friability tester* | **PHARMACY** | 68000 | Working | 01-02-2022 |
| 862 | Collapsible tube — Filling and sealing equipment* | **PHARMACY** | 4300 | Working | 01-02-2022 |
| 863 | Capsule filling machine — Lab size* | **PHARMACY** | 58000 | Working | 01-02-2022 |
| 864 | Digital balance* | **PHARMACY** | 10000 | Working | 01-02-2022 |
| 865 | Distillation unit for distilled water | **PHARMACY** | 40000 | Working | 01-02-2022 |
| 866 | Deionisation unit | **PHARMACY** | 48000 | Working | 01-02-2022 |
| 867 | Glass distillation unit for water for injection | **PHARMACY** | 35000 | Working | 01-02-2022 |
| 868 | Ampoule washing machine | **PHARMACY** | 90000 | Working | 01-02-2022 |
| 869 | Ampoule filling and sealing machine* | **PHARMACY** | 120000 | Working | 01-02-2022 |
| 870 | Sintered glass filters for bacteria proof filtration ffour different grades) | **PHARMACY** | 50000 | Working | 01-02-2022 |
| 871 | Millipore filter ( 3 grades) | **PHARMACY** | 1500 | Working | 01-02-2022 |
| 872 | Autoclave* | **PHARMACY** | 9500 | Working | 01-02-2022 |
| 873 | Hot air sterilizer | **PHARMACY** | 25000 | Working | 01-02-2022 |
| 874 | Incubator | **PHARMACY** | 45000 | Working | 01-02-2022 |

| | | | | | |
|---|---|---|---|---|---|
| 875 | Aseptic cabinet | **PHARMACY** | 6000 | Working | 01-02-2022 |
| 876 | Ampoule clarity test equipment* | **PHARMACY** | 4000 | Working | 01-02-2022 |
| 877 | Blender | **PHARMACY** | 1400 | Working | 01-02-2022 |
| 878 | Sieves set fPharmacopoeialstandard)* | **PHARMACY** | 2500 | Working | 01-02-2022 |
| 879 | Lab Centrifuge | **PHARMACY** | 11110 | Working | 01-02-2022 |
| 880 | Ointment slab | **PHARMACY** | 145 | Working | 01-02-2022 |
| 881 | Ointment spatula | **PHARMACY** | 40 | Working | 01-02-2022 |
| 883 | Pestle and mortar glass | **PHARMACY** | 250 | Working | 01-02-2022 |
| 884 | Suppository moulds of three sizes | **PHARMACY** | 480 | Working | 01-02-2022 |
| 885 | Refrigerator | **PHARMACY** | 21000 | Working | 01-02-2022 |
| 886 | Refractometer | **PHARMACY** | 13900 | Working | 01-02-2022 |
| 887 | Polarimeter | **PHARMACY** | 150000 | Working | 01-02-2022 |
| 888 | Photoelectric colorimeter | **PHARMACY** | 6800 | Working | 01-02-2022 |
| 889 | Ph meter* | **PHARMACY** | 12000 | Working | 01-02-2022 |
| 890 | Atomic model set* | **PHARMACY** | 442 | Working | 01-02-2022 |
| 891 | Electronic balance* | **PHARMACY** | 4000 | Working | 01-02-2022 |
| 892 | Periodic table chart* | **PHARMACY** | 200 | Working | 01-02-2022 |
| 893 | Haemoglobinometer | **PHARMACY** | 3700 | Working | 01-02-2022 |
| 894 | Haemocytometer* | **PHARMACY** | 650 | Working | 01-02-2022 |
| 895 | Student's organ bath | **PHARMACY** | 1600 | Working | 01-02-2022 |
| 896 | Sherington's rotating drum* | **PHARMACY** | 12000 | Working | 01-02-2022 |
| 903 | Frog board | **PHARMACY** | 300 | Working | 01-02-2022 |
| 904 | Tray (dissecting) | **PHARMACY** | 300 | Working | 01-02-2022 |
| 905 | Frontal writing lever* | **PHARMACY** | 5000 | Working | 01-02-2022 |
| 906 | Aeration tube* | **PHARMACY** | 85 | Working | 01-02-2022 |
| 907 | Telethermometer | **PHARMACY** | 22000 | Working | 01-02-2022 |
| 908 | Pole climbing apparatus* | **PHARMACY** | 9000 | Working | 01-02-2022 |
| 909 | Histamine chamber | **PHARMACY** | 4000 | Working | 01-02-2022 |

| | | | | | |
|---|---|---|---|---|---|
| 910 | Simple lever* | **PHARMACY** | 60000 | Working | 01-02-2022 |
| 911 | Sterling heart lever* | **PHARMACY** | 90000 | Working | 01-02-2022 |
| 912 | Aerator* | **PHARMACY** | 44000 | Working | 01-02-2022 |
| 913 | Histological Slides | **PHARMACY** | 500 | Working | 01-02-2022 |
| 914 | Sphygmomanometer* (B.P. apparatus) | **PHARMACY** | 1150 | Working | 01-02-2022 |
| 915 | Stethoscope* | **PHARMACY** | 480 | Working | 01-02-2022 |
| 916 | First aid equipment | **PHARMACY** | 450 | Working | 01-02-2022 |
| 917 | Contraceptive device* | **PHARMACY** | 650 | Working | 01-02-2022 |
| 918 | Contraceptive device* | **PHARMACY** | 650 | Working | 01-02-2022 |
| 919 | Balance for weighing small Animals | **PHARMACY** | 12000 | Working | 01-02-2022 |
| 920 | Kymograph paper | **PHARMACY** | 6000 | Working | 01-02-2022 |
| 921 | Actophotometer* | **PHARMACY** | 6900 | Working | 01-02-2022 |
| 922 | Analgesiometer* | **PHARMACY** | 6500 | Working | 01-02-2022 |
| 923 | Thermometer | **PHARMACY** | 55 | Working | 01-02-2022 |
| 924 | Plastic animal cage | **PHARMACY** | 650 | Working | 01-02-2022 |
| 925 | Double unit organ bath with thermostat | **PHARMACY** | 1600 | Working | 01-02-2022 |
| 926 | Refrigerator | **PHARMACY** | 21000 | Working | 01-02-2022 |
| 927 | Digital balance | **PHARMACY** | 10000 | Working | 01-02-2022 |
| 928 | Charts | **PHARMACY** | 300 | Working | 01-02-2022 |
| 929 | Human skeleton* | **PHARMACY** | 16000 | Working | 01-02-2022 |
| 930 | Anatomical specimen (Heart, brain, eye,,ear,,reproductive system etc.,)* | **PHARMACY** | 50 | Working | 01-02-2022 |
| 931 | Electro-convulsiometer* | **PHARMACY** | 6500 | Working | 01-02-2022 |
| 932 | Stop watch | **PHARMACY** | 65 | Working | 01-02-2022 |
| 933 | Clamp, boss heads, screw clips* | **PHARMACY** | 58 | Working | 01-02-2022 |
| 934 | Syme's Cannula* | **PHARMACY** | 30 | Working | 01-02-2022 |
| 935 | Projection Microscope | **PHARMACY** | 38500 | Working | 01-02-2022 |
| 936 | Charts (different types) | **PHARMACY** | 250 | Working | 01-02-2022 |

| | | | | | |
|---|---|---|---|---|---|
| 937 | Models (different types) | **PHARMACY** | 700 | Working | 01-02-2022 |
| 938 | Permanent Slides | **PHARMACY** | 32 | Working | 01-02-2022 |
| 939 | Slides and Cover Slips | **PHARMACY** | 150 | Working | 01-02-2022 |
| 940 | Colorimeter | **PHARMACY** | 8000 | Working | 01-02-2022 |
| 941 | Microscope | **PHARMACY** | 2500 | Working | 01-02-2022 |
| 951 | Permanent slides (skin, kidney, pancreas, smooth muscle, liver etc.,) | **PHARMACY** | 32 | Working | 01-02-2022 |
| 953 | Centrifuge | **PHARMACY** | 30800 | Working | 01-02-2022 |
| 954 | Biochemical reagents for analysis of normal and pathological constituents in urine and blood facilities | **PHARMACY** | 12000 | Working | 01-02-2022 |
| 956 | Filtration equipment | **PHARMACY** | 48000 | Working | 01-02-2022 |
| 957 | Sealing Machine | **PHARMACY** | 15000 | Working | 01-02-2022 |
| 958 | Aiitoclave sterilizer | **PHARMACY** | 15000 | Working | 01-02-2022 |
| 959 | Membrane filter | **PHARMACY** | 800 | Working | 01-02-2022 |
| 960 | Sintered glass funnel with complete filtering assembles | **PHARMACY** | 800 | Working | 01-02-2022 |
| 961 | Small disposable membrane filter for IV admixture filtration | **PHARMACY** | 950 | Working | 01-02-2022 |
| 962 | Laminar air flow bench | **PHARMACY** | 3000 | Working | 01-02-2022 |
| 963 | Vacuum pump | **PHARMACY** | 4000 | Working | 01-02-2022 |
| 964 | Oven | **PHARMACY** | 7000 | Working | 01-02-2022 |
| 966 | Incubator | **PHARMACY** | 45000 | Working | 01-02-2022 |
| 967 | PH meter | **PHARMACY** | 19000 | Working | 01-02-2022 |
| 968 | Disintegration test apparatus | **PHARMACY** | 75,000 | Working | 01-02-2022 |
| 969 | Hardness tester | **PHARMACY** | 75000 | Working | 01-02-2022 |
| 970 | Centrifuge | **PHARMACY** | 30800 | Working | 01-02-2022 |
| 971 | Magnetic stirrer | **PHARMACY** | 10700 | Working | 01-02-2022 |
| 972 | Thermostatic bath | **PHARMACY** | 6500 | Working | 01-02-2022 |

**University Grants Commission**

**Appendix-XVI**

**Sports Infrastructure**

I. Facility

| | |
|---|---|
| Open Play Ground(s) for outdoor sports | **Available** |
| (a) (Athletics, Football, hockey, Cricket, etc.) | |
| (b) Track for Athletics | **Available** |
| (c) Basketball courts | **Available** |
| (d) Squash/Tennis Courts | **Available** |
| (e) Swimming Pool (Size) | **Available** |
| (f) Indoor Sports Facilities including gymnasium | **Available** |
| (g) Any other | |

**University Grants**

**Commission Appendix-XVIII**

**Information about the Non-Teaching Staff of the University**

| Name of the Teacher | Designation | Age | Qualification | Scale of Pay | Date of appointment | Trained Yes/No If yes, Details |
|---|---|---|---|---|---|---|
| NAND KISHOR PAL | Lab Technician | 26 | BSC | 5200-20200 | 01-05-2023 | YES |
| ASHOK KUMAR | Lab Technician | 34 | MSC | 5200-20200 | 01-05-2023 | YES |
| RANU RAJPOOT | Lab Technician | 32 | BSC | 5200-20200 | 01-05-2023 | YES |
| AHSANUL HAQ | Lab Technician | 29 | MCOM | 5200-20200 | 01-05-2023 | YES |
| Amit Sahu | System Administartor | 30 | MTECH | 5200-20200 | 01-05-2023 | YES |
| Ankur Agarwal | Other | 35 | MTECH | 5200-20200 | 01-05-2023 | YES |
| Manish Kumar | Librarian | 35 | M.LIB | 5200-20200 | 01-05-2023 | YES |
| Dheer Sharan | Librarian | 29 | B.LIB | 5200-20200 | 01-05-2023 | YES |
| Harikishan Prajapati | Computer Operator | 30 | PGDCA | 5200-20200 | 01-05-2023 | YES |
| MAHENDRA JHA | ELECTRICIAN | 37 | ITI | 5200-20200 | 01-05-2023 | YES |
| ROHAN JADIA | ELECTRICIAN | 35 | DIPLOMA | 5200-20200 | 01-05-2023 | YES |
| CHANDRA PRATAP SINGH YADAV | OFFICE STAFF | 37 | MSC | 5200-20200 | 01-05-2023 | YES |
| RAVINDRA BIJOLIA | OFFICE STAFF | 40 | M.COM | 5200-20200 | 01-05-2023 | YES |

| | | | | | | |
|---|---|---|---|---|---|---|
| HARIOM YADAV | OFFICE STAFF | 25 | BSC | 5200-20200 | 01-05-2023 | YES |
| JITENDRA BHARGAVA | OFFICE STAFF | 29 | MSC | 5200-20200 | 01-05-2023 | YES |
| KAJAL CHATURVEDI | OFFICE STAFF | 29 | MA | 5200-20200 | 01-05-2023 | YES |
| ARVINDRA PRAJAPATI | OFFICE STAFF | 27 | MA | 5200-20200 | 01-05-2023 | YES |
| SAKET VYASH | OFFICE STAFF | 34 | MTECH | 5200-20200 | 01-05-2023 | YES |
| PRABHAT YADAV | OFFICE STAFF | 26 | BSC | 5200-20200 | 01-05-2023 | YES |
| KAMAL KISHORE PRAJAPATI | OFFICE STAFF | 32 | BSC | 5200-20200 | 01-05-2023 | YES |
| PRASHANT TIWARI | OFFICE STAFF | 39 | MBA | 5200-20200 | 01-05-2023 | YES |
| NEELESH | SEQURITY GAURD | 29 | 10 | 4440-7440 | 01-05-2023 | YES |
| DHARMENDRA | PEON | 30 | 5 | 4440-7440 | 01-05-2023 | YES |
| AAKASH | PEON | 28 | 5 | 4440-7440 | 01-05-2023 | YES |
| ABHAY | PEON | 28 | 5 | 4440-7440 | 01-05-2023 | YES |
| CHINTU | PEON | 45 | 5 | 4440-7440 | 01-05-2023 | YES |
| BANDANA | PEON | 40 | 3 | 4440-7440 | 01-05-2023 | YES |
| MALKHAN | SEQURITY GAURD | 35 | 5 | 4440-7440 | 01-05-2023 | YES |
| KALPANA | PEON | 32 | 5 | 4440-7440 | 01-05-2023 | YES |
| RAJ KUSHWAHA | SEQURITY GAURD | 32 | 8 | 4440-7440 | 01-05-2023 | YES |

# DR. PREETI GLOBAL UNIVERSITY, SHIVPURI

## Bachelor of Arts (B.A.)

## SCHEME

### First Semester

**Academic Session: 2022-23**

| BA I Semester | | | | | | |
|---|---|---|---|---|---|---|
| **Subject Type** | **Subject Code** | **Subject Name** | **End Semester Examination** | **Internal (CAA) Continuous Assessment &Assignment** | **Maximum Marks** | **Credit** |
| **Major** | BA-101/M1T | 1. Political Science<br>2. History<br>3. Sociology<br>4. Economics<br>5. English Literature<br>6. Hindi Literature | 60 | 40 | 100 | 06 |
| **Minor** | BA-102/M2T | 1. Political Science<br>2. History<br>3. Sociology<br>4. Economics<br>5. English Literature<br>6. Hindi Literature | 60 | 40 | 100 | 06 |
| **Generic Elective** | GEC BA-103 | 1.Money and Banking<br>2.Advertising Sales Promotion and Management<br>3.Communicative English<br>4.Organizational Behavior<br>5.Child rights and Women Empowerment<br>6.Computational Mathematics<br>7.Numerical Methods<br>8.Herbal Cosmetics<br>9.Computer Fundamentals | 60 | 40 | 100 | 04 |
| **Ability Enhancement Course** | BA-104 (AEC) | Environmental Education | 60 | 40 | 100 | 04 |
| **Semester Total** | | | | | 400 | 20 |
| **Cumulative Total** | | | | | 400 | 20 |

**Note : 1.The Student may opt for any one subject as Major Subject.**

**2.The Student may opt for one subject from amongst Minor subject which should be other than the Major Subject selected by the student.**

**3.The Student may opt for one subject from amongst Generic elective Course.**

# Bachelor of Arts (B.A.)
# SCHEME
## Second Semester
### Academic Session: 2022-23

## BA II Semester

| Subject Type | Subject Code | Subject Name | End Semester Examination | Internal (CAA) Continuous Assessment &Assignment | Maximum Marks | Credit |
|---|---|---|---|---|---|---|
| Major | BA-201/M1T | 1.Political Science<br>2. History<br>3. Sociology<br>4. Economics<br>5. English Literature<br>6. Hindi Literature | 60 | 40 | 100 | 06 |
| Minor | BA-202/M2T | 1.Political Science<br>2. History<br>3. Sociology<br>4. Economics<br>5. English Literature<br>6. Hindi Literature | 60 | 40 | 100 | 06 |
| Generic Elective | GEC BA-203 | 1.Money and Banking<br>2.Advertising Sales Promotion and Management<br>3.Communicative English<br>4.Computer Fundamental<br>5.Child rights and Women Empowerment<br>6.Computational Mathematics<br>7.Numerical Methods<br>8.Herbal Cosmetics | 60 | 40 | 100 | 04 |
| Ability Enhancement Course | BA-204 (AEC) | English Language | 60 | 40 | 100 | 04 |
| Semester Total | | | | | 400 | 20 |
| Cumulative Total | | | | | 400 | 20 |

**Note :**

**1.The Student those who have selected Major subject in Semester-1 that Same subject student will study in Semester-2 as Minor Subject.**

**2.The Student those who have selected Minor subject in Semester-1 that Same subject student will study in Semester-2 as Major Subject.**

**3.The Student may opt for one subject from amongst Generic elective Course.**

**DR. PREETI GLOBAL UNIVERSITY, SHIVPURI (M.P)**

**DEPARTMENT OF ECONOMICS**

**M.A. ECONOMICS-CBCS SCHEME**

**SCHEME AND SYLLABUS**

| Course Code | Nature | Title of The Course | Credit | Tutorial | Practical | Total Credits | External Marks | Internal Marks | Maximum Marks |
|---|---|---|---|---|---|---|---|---|---|
| **Semester-I** | | | | | | | | | |
| **MECOC-101** | Core | Micro Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-102** | Core | Macro Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-103** | Core | Mathematics for Economists | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-104** | Core | Public Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOF-105** | Foundation | Fundamentals of Computer (Theory: 60 Marks Practical:40 Marks) | 4 | 0 | 1 | 5 | 100 | 00 | 100 |
| **MECOE-106** | Elective | Choose any One Course | | | | | | | |
| | | Labour Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| | | Economics of Population | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| | | Economics of infrastructure | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **Semester-II** | | | | | | | | | |
| **MECOC-201** | Core | Advanced Micro Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-202** | Core | Advanced Macro Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-203** | Core | Statistical Methods | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-204** | Core | Money and Banking | 4 | 1 | 0 | 5 | 80 | 20 | |
| **MECOF-205** | Foundation | History of Economic Thoughts | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOE-206** | Elective (Inter-Disciplinary) | Choose any One Course | | | | | | | |
| | | Rural Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| | | Indian Financial System | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| | | Environmental Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Semester-III** | | | | | | | | | |
| **MECOC-301** | Core | International Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-302** | Core | Development Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-303** | Core | Indian Economy | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-304** | Core | Agricultural Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOF-305** | Foundation | Industrial Economics | 4 | 1 | 0 | 5 | 100 | 00 | 100 |
| **MECOE-306** | Elective(ID) | Choose any One Course | | | | | | | |
| | | Gender Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| | | Project Work | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| | | Basics of Econometrics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOA-307** (Time: 1:30hrs) | Audit | Yoga Science | 3 | 0 | 2 | 5 | 80 | 20 | 100 |
| **Semester-IV** | | | | | | | | | |
| **MECOC-401** | Core | Advanced International Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-402** | Core | Economics of Growth | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-403** | Core | Economics of Social Sector | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| **MECOC-404** | Core | Economics of Public Enterprises | 4 | 1 | 0 | 5 | 80 | 20 | |
| **MECOF-405** | Foundation | Computer Applications in Economics (Theory: 60 Marks Practical:40 Marks) | 4 | 0 | 1 | 5 | 80 | 20 | 100 |
| **MECOE-406** | Elective | Choose any One Course | | | | | | | |
| | | Welfare Economics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| | | Applied Econometrics | 4 | 1 | 0 | 5 | 80 | 20 | 100 |
| | | Operations Research | 4 | 1 | 0 | 5 | 80 | 20 | 100 |

NOTE: Paper-Setter will set 9(Nine) Questions in all. Question No. 01 will be compulsory which will be from the entire syllabus. It will contain nine short type Questions. Students are required to attempt four questions from the remaining eight questions. All the questions carry equal marks.

Time for all courses is 3(Three Hours) except audit paper

# Dr. Preeti Global University, Shivpuri (M.P)

**M.A. EDUCATION SYLLABUS AND STRUCTURE UNDER CBCS**

## (Applicable to 2022 Admission Batch onwards)

## Course Structure

| Year / Semester | | Category | Paper Code | Title of the Paper | Max. Mark |
|---|---|---|---|---|---|
| 1st YEAR | 1st Semester | Core | EDU-1.1 | Philosophical Foundation of Education | 100 |
| | | Core | EDU-1.2 | Sociological Foundation of Education | 100 |
| | | Core | EDU-1.3 | Advance Education Psychology | 100 |
| | | Core | EDU-1.4 | Teachers Education | 100 |
| | 2nd Semester | Core | EDU-2.1 | Modern Trends in Methods of Teaching : English/ Odia/ History/Math/Science/Geography Theory | 100 |
| | | Core | EDU-2.2 | Educational Technology | 100 |
| | | Core | EDU-2.3 | Methods of Educational Research and Statistics | 100 |
| | | Core | EDU-2.4 | Educational Planning and Management | 100 |
| | | Core | EDU-2.5 | Comparative Education: UK/USA/India | 100 |
| 2nd YEAR | 3rd Semester | ***Group-A*** | EDU-3.1 | Modern Trends in Methods of Teaching : English/ Odia/ History/Math/Science/Geography Theory | 100 |
| | | | EDU-3.2 | Special Education | 100 |
| | | | EDU-3.3 | Guidance and Counselling in Education | 100 |
| | | ***Group-B*** | EDU-3.4 | Modern Educational Thinkers | 100 |
| | | | EDU-3.5 | Distance Education | 100 |
| | | | EDU-3.6 | Early Childhood Education | 100 |
| | | ***Elective Discipline Free Any Two*** | **MCM-2.2** | **Organizational Behaviour** | 100 |
| | | | **PAD-2.3** | **Development Administration** | 100 |
| | | | **SOC-3.1** | **Women in India** | 100 |
| | 4th Semester | Core | EDU-4.1 | Curriculum Planning & Development | 100 |
| | | Core | EDU-4.2 | Tools & Technique of Education Measurement & Evaluation | 100 |
| | | Core | EDU-4.3 | Essay Writing Viva/ Project Viva | 200 |
| | | | | TOTAL | **1800** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A English
## Semester-I
## (w.e.f. July 2016 Onwards)

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MAE101T** | Poetry | 85 | 28 | 15 | 06 | - | - | 100 |
| 2 | **MAE** 102T | Drama | 85 | 28 | 15 | 06 | - | - | 100 |
| 3 | **MAE** 103T | Fiction | 85 | 28 | 15 | 06 | - | - | 100 |
| 4 | **MAE** 104T | Prose | 85 | 28 | 15 | 06 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A English
## Semester-II
## (w.e.f. July 2016 Onwards)

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MAE201T** | Poetry | 85 | 28 | 15 | 06 | - | - | 100 |
| 2 | **MAE** 202T | Drama | 85 | 28 | 15 | 06 | - | - | 100 |
| 3 | **MAE** 203T | Fiction | 85 | 28 | 15 | 06 | - | - | 100 |
| 4 | **MAE** 204T | Prose | 85 | 28 | 15 | 06 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.A English

## Semester-III

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MAE301T** | Critical Theory I | 85 | 28 | 15 | 06 | - | - | 100 |
| 2 | **MAE** 302T | English Language I | 85 | 28 | 15 | 06 | - | - | 100 |
| 3 | **MAE** 303T | Indian Writing in English | 85 | 28 | 15 | 06 | - | - | 100 |
| 4 | **MAE** 304T | Linguistics and Stylistics | 85 | 28 | 15 | 06 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.A English

## Semester-IV

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MAE401T** | Critical Theory II | 85 | 28 | 15 | 06 | - | - | 100 |
| 2 | **MAE** 402T | English Language II | 85 | 28 | 15 | 06 | - | - | 100 |
| | | Optional (Any one) | 85 | 28 | 15 | 06 | - | - | 100 |
| 3 | **MAE** 403T | Common Wealth Literature in English | | | | | | | |
| 4 | **MAE** 404T | Indian Writing in English | | | | | | | |
| 5 | **MAE** 405T | American Literature (Compulsory) | 85 | 28 | 15 | 06 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.A Hindi

## Semester-I

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MAH101T | भारतीय एवं पाश्चात्य काव्यशास्त्र | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MAH102T | प्रचीन एवं मध्यकालीन काव्य तथा उसका इतिहास | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MAH103T | आधुनिक हिन्दी गघ और उसका इतिहास | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | MAH104T | प्रयोजनमूलक हिन्दी | 85 | 28 | 15 | 05 | - | - | 100 |
| Total | | | | | | | | | 400 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.A Hindi

## Semester-II

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MAH201T | भारतीय एवं पाश्चात्य काव्यशास्त्र | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MAH202T | प्रचीन एवं मध्यकालीन काव्य तथा उसका इतिहास | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MAH203T | आधुनिक हिन्दी गघ और उसका इतिहास नाटक और निबंध | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | MAH204T | प्रयोजनमूलक हिन्दी पत्रकारिता और मीडिय लेखन | 85 | 28 | 15 | 05 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A Hindi
## Semester-III

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MAH301T | आधुनिक हिन्दी काव्य और उसका इतिहास | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MAH302T | भाषा विज्ञान एवं हिन्दी भाषा | 85 | 28 | 15 | 05 | - | - | 100 |
| | | वैकल्पिक | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MAH303T | वैकल्पिक – साहित्यक वर्ग – विशेष अध्ययन – तुलसीदास | | | | | | | |
| | MAH304T | वैकल्पिक –साहित्यिक वर्ग – विशेष अध्ययन– सूरदास | | | | | | | |
| | MAH305T | वैकल्पिक – व्यावसायिक वर्ग अनुवाद विज्ञान | | | | | | | |
| 4 | MAH306T | हिन्दी साहित्य का इतिहास | 85 | 28 | 15 | 05 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.A Hindi

## Semester-IV

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MAH401T | आधुनिक हिन्दी काव्य और उसका इतिहास | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MAH402T | भाषा विज्ञान एवं भाषा | 85 | 28 | 15 | 05 | - | - | 100 |
| | | वैकल्पिक. | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MAH403T | वैकल्पिक – साहित्यक वर्ग – विशेष अध्ययन – तुलसीदास | | | | | | | |
| | MAH404T | वैकल्पिक –साहित्यिक वर्ग– विशेष अध्ययन– सूरदास | | | | | | | |
| | MAH405T | वैकल्पिक – व्यावसायिक वर्ग अनुवाद विज्ञान | | | | | | | |
| 4 | MAH406T | हिन्दी साहित्य का इतिहास | 85 | 28 | 15 | 05 | - | - | 100 |
| 5 | MAH407P | परियोजना कार्य | | | | | 100 | 33 | 100 |
| **Total** | | | | | | | | | **500** |

# Dr. Preeti Global University, Dinara , Shivpuri

# M.A. HISTORY

## (Syllabus)

| FIRST SEMESTER | | |
|---|---|---|
| **Paper Code** | **Title of the Paper** | **Credit** |
| **HIS-511** | Principles of History | **4** |
| **HIS-512** | History of India‟s Independence Struggle to 650 | **4** |
| **HIS-513** | History of Ideas in Modern India | **4** |
| **HIS-514** | Research Methodology and Historical Investigation | **4** |

| SECOND SEMESTER | | |
|---|---|---|
| **Paper Code** | **Title of the Paper** | **Credit** |
| **HIS-521** | History of Ideas in Medieval India | **4** |
| **HIS-522** | Society, Culture and Religion in Medieval India | **4** |
| **HIS-523** | Polity & Economy of India 1200-1750 | **4** |
| **HIS-524** | State in India. | **4** |

| THIRD SEMESTER | | |
|---|---|---|
| **Paper Code** | **Title of the Paper** | **Credit** |
| **HIS-531** | Indian Nationalism upto 1905 | **4** |
| **HIS-532** | Indian National Movement (1905-1947) | **4** |
| **HIS-533** | $18^{th}$ to $19^{th}$ century world | **4** |
| **HIS-534** | History of Madhya Pradesh | **4** |

| FOURTH SEMESTER | | |
|---|---|---|
| **Paper Code** | **Title of the Paper** | **Credit** |
| **HIS-541** | Tribal History of India With Special Reference of Madhya Pradesh | **4** |
| **HIS-542** | Women in Indian History | **4** |
| **HIS-543** | Historical Application in Tourism | **4** |
| **HIS-544** | Dissertation* | **18** |

*****Dissertation is mandatory.

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A Political Science
## Semester-I

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MAT101T** | Modern Indian Political Thought | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | **MAT102T** | Comparative Politics | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | **MAT103T** | International Relations and Contemporary Political Issues | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | **MAT104T** | Major Ideas and Issues in Public Administration | 85 | 28 | 15 | 05 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A Political Science
## Semester-II

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MAT201T** | Western Political Thought | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | **MAT202T** | Major Constitution of the Word (U.K., U.S.A., China, Switzerland, Japan, France) | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | **MAT203T** | International Organization | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | **MAT204T** | Research Methodology | 85 | 28 | 15 | 05 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A Political Science
## Semester-III

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| **1** | **MAT301T** | Indian Government and Politics | 85 | 28 | 15 | 05 | - | - | 100 |
| **2** | **MAT302T** | State Politics in Indian | 85 | 28 | 15 | 05 | - | - | 100 |
| **3** | **MAT303T** | International Law | 85 | 28 | 15 | 05 | - | - | 100 |
| **4** | **MAT304T** | Indian Foreign Policy | 85 | 28 | 15 | 05 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A Political Science
## Semester-IV

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MAT401T | Federalism in Indian and Local self Government (With Special Reference to M.P) | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MAT402T | Govt. and Political of Madhya Pradesh | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MAT403T | Advanced Political Theory | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | MAT404T | Diplomacy and Human Right | 85 | 28 | 15 | 05 | - | - | 100 |
| 5 | MAT405P | Project | | | | | 100 | 33 | 100 |
| **Total** | | | | | | | | | **500** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A Psychology
## Semester-I

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MAP101T | Cognitive Processes-1 | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MAP102T | Research Methods & Statistics I | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MAP103T | Psychopathology- I | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | MAP104T | Life Span Development - I | 85 | 28 | 15 | 05 | - | - | 100 |
| 5 | MAP105P | Practical-I | - | - | - | - | 50 | 17 | 50 |
| 6 | MAP106P | Practical- II | - | - | - | - | 50 | 17 | 50 |
| **Total** | | | | | | | | | **500** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.A Psychology

## Semester-II

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MAP201T | Cognitive Processes-II | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MAP202T | Research Methods & Statistics II | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MAP203T | Psychopathology- II | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | MAP204T | Life Span Development - II | 85 | 28 | 15 | 05 | - | - | 100 |
| 5 | MAP205P | Practical-I | - | - | - | - | 50 | 17 | 50 |
| 6 | MAP206P | Practical- II | - | - | - | - | 50 | 17 | 50 |
| Total | | | | | | | | | **500** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A Psychology
## Semester-III

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MAP301T** | Psychology of Personality- I | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | **MAP302T** | Social Psychology-I | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | **MAP303T** | Counseling Psychology - I | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | **MAP304T** | Clinical Psychology - I | 85 | 28 | 15 | 05 | - | - | 100 |
| 5 | **MAP305P** | Practical-I | - | - | - | - | 50 | 17 | 50 |
| 6 | **MAP306P** | Practical- II | - | - | - | - | 50 | 17 | 50 |
| Total | | | | | | | | | **500** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.A Psychology

## Semester-IV

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MAP401T** | Psychology of Personality- I | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | **MAP402T** | Social Psychology-I | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | **MAP403T** | Health Psychology | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | **Optional Paper (Any One)** | | 85 | 28 | 15 | 05 | - | - | 100 |
| | **MAP404T** | Psychology Assessment | | | | | | | |
| | **MAP405T** | Psychology of Sports | | | | | | | |
| | **MAP406T** | Organizational Behaviour | | | | | | | |
| | **MAP407T** | Environmental Psychology | | | | | | | |
| | **MAP408T** | Educational Psychology | | | | | | | |
| 5 | **MAP409P** | Practical-I | - | - | - | - | 50 | 17 | 50 |
| 6 | **MAP410P** | Practical- II | - | - | - | - | 50 | 17 | 50 |
| 7 | **MAP411P** | Project/ Internship | | | | | 100 | 33 | 100 |
| Total | | | | | | | | | 600 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A Sociology
## Semester-I
## (w.e.f. July 2022 Onwards)

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MAS 101T | Classical Sociological Tradition- I | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MAS 102T | Methodology of Social Research | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MAS 103T | Ruler Society in India-I | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | MAS 104T | Urban Society in India- I | 85 | 28 | 15 | 05 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A Sociology
## Semester-II
## (w.e.f. July 2022 Onwards)

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MAS 201T | Classical Sociological Tradition- II | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MAS 202T | Methodology of Social Research-II | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MAS 203T | Ruler Society in India-II | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | MAS 204T | Urban Society in India- II | 85 | 28 | 15 | 05 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.A Sociology

## Semester-III

## (w.e.f. July 2022 Onwards)

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MAS 301T** | समाजशास्त्र में सैध्दान्तिक परिप्रेक्ष<br>Theoretical Perspectires in Sociology | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | **MAS** 302T | नातेदारी, विवाह ओर परिवार का समाजशास्त्र<br>Sociology of kinship, Marriage and family | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | **MAS** 303T | भारतीय समाज एवं संस्कृति<br>Indian Society and Culture | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | **MAS** 304T | अपराधशास्त्र<br>Criminology | 85 | 28 | 15 | 05 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.A Sociology
## Semester-IV
## (w.e.f. July 2022 Onwards)

**(Non Grading)**

| S. No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MAS 401T | परिवर्तन एवं विकास का समाजशास्त्र<br>Sociology of Change and Development | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MAS 402T | राजनीतिक समाजशास्त्र<br>Political Sociology | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MAS 403T | स्माजशास्त्रीय निबन्ध<br>Sociological Essay | 85 | 28 | 15 | 05 | - | - | 100 |
| | | ऐच्छिक कोई एक<br>Optional | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | MAS 404T | औद्योगिक समाजशास्त्र<br>Industial Sociology | | | | | | | |
| | MAS 405T | समाजिक जनांकिकी<br>Social Demography | | | | | | | |
| 5 | MAS 406P | प्रोजेक्ट (अनिवार्य)<br>Project | | | | | 100 | 33 | 100 |
| **Total** | | | | | | | | | 500 |

**MBA (HOSPITAL MANAGEMENT) [G02] – 2022-23**

SCHEME OF EXAMINATIONS 2019-20 onwards

| **MBA (HOSPITAL MANAGEMENT)**<br>First Year - Semester **Common to all Elective Streams** | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S.No** | **Course Code** | **Category** | **Course Title** | **CREDITS/ WEEK** | | | | **HOURS/ SEMESTER (Credits x 15 weeks)** | | | | **Attendance (Min.%)** | **Internals (CIA)** PM: 20 marks **(a)** | **END SEM ASSESSEMENT** | | **GRAND TOTAL** |
| | | | | **Lecture (L)** | **Tutorial (T) Clinical Training (CT)** | **Practical (P) Research Project (RP)** | **Credits (C)** | **Lecture** | **Tutorial** | **Practical** | **Total Hours** | | | **Theory** PM: 25 marks **(b)** | **Practical/ Viva** PM: 25 marks **(c)** | **Theory: a+(b/2)=100 Practical: a+c = 100** PM: 25 marks |
| 1. | PHM19CT101 | CT1 | Human Resource Management | 2 | 1 | - | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 2. | PHM19CT103 | CT2 | Managerial Economics | 2 | 1 | - | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 3. | PHM19CT105 | CT3 | Marketing Management | 2 | 1 | - | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 4. | PHM19CT107 | CT4 | Financial Analysis and Reporting | 2 | 1 | - | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 5. | PHM19CT109 | CT5 | Legal aspects of Business | 2 | 1 | - | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 6. | PHM19CT111 | CT6 | Service Quality Management | 2 | 1 | - | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 7. | PHM19CT113 | CT7 | Written and oral Communication | 2 | 1 | - | 3 | 30 | 30 | 0 | 60 | 80 | 100 | - | - | 100 |
| 8. | PHM19CT115 | CT8 | Operations Management | 2 | 1 | - | 3 | 30 | 30 | 0 | 60 | 80 | 100 | - | - | 100 |
| 9. | PHM19CT117 | CT9 | Hospital Management | 2 | 1 | - | 3 | 30 | 30 | 0 | 60 | 80 | 100 | - | - | 100 |
| **TOTAL** | | | | **18** | **9** | **-** | **27** | **270** | **270** | | **540** | **-** | **600** | **600** | **-** | **900** |

**MBA (HOSPITAL MANAGEMENT) – 2022-23Elective Stream:**
**HEALTH CARE FINANCE [HF]**
**First Year - Semester II**

| S. No. | Course Code | Category | Course Title | CREDITS/ WEEK | | | | HOURS/ SEMESTER (Credits x 15 weeks) | | | | Attendance (Min.%) | Internals (CIA) PM: 20 marks (a) | END SEMESTER ASSESSEMENT | | GRAND TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Lecture (L) | Tutorial (T) Clinical Training (CT) | Practical (P) Research Project | Credits (C) | Lecture | Tutorial | Practical | Total Hours | | | Theory PM: 25 marks (b) | Practical/ Viva PM: 25 marks (c) | Theory: a+(b/2)=100 Practical: a+c = 100 PM: 25 marks |
| 10 | PHM19CT102 | CT10 | Management and Organizational Behaviour | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 11 | PHM19CT104 | CT11 | Research Methodology | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 12 | PHM19CT106 | CT12 | Business Analytics | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 13 | PHM19CT108 | CT13 | Managerial Accounting | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 14 | PHM19CT110 | CT14 | Quantitative Techniques | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 15 | PHF19DE112 | DE1 | Financial Management in Healthcare | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 16 | PHM19GE114 | GE1 | To be chosen by student | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 17 | PHM19CR152 | CR1 | Hospital Hands-on Postings – I | 0 | 0 | 3 | 3 | 0 | 0 | 135 | 135 | 90 | 100 | - | - | 100 |
| | | | **TOTA L** | **15** | **6** | **3** | **24** | **225** | **180** | **135** | **540** | | **450** | **700** | | **800** |

| | MBA (HOSPITAL MANAGEMENT) – 2022-23Elective Stream: HEALTH CARE FINANCE [HF] Second Year - Semester III | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S. No.** | **Course Code** | **Category** | **Course Title** | **CREDITS/ WEEK** | | | | **HOURS/ SEMESTER (Credits x 15 weeks)** | | | | **Attendance (Min.%)** | **Internals (CIA)** PM: 20 marks **(a)** | **END SEMESTER ASSESSEMENT** | | **GRAND TOTAL** |
| | | | | **Lecture (L)** | **Tutorial (T) Clinical Training (CT)** | **Practical (P) Research Project (RP)** | **Credits (C)** | **Lecture/** | **Tutorial** | **Practical** | **Total Hours** | | | **Theory** PM: 25 marks **(b)** | **Practical /Viva** PM: 25 marks **(c)** | **Theory: a+(b/2)=100 Practical: a+c =** |
| 18 | PHM19CT201 | CT15 | Business Environment and Strategic Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 19 | PHM19CT203 | CT16 | Entrepreneurship | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 20 | PHM19CT205 | CT17 | Services Marketing and Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 21 | PHM19CT207 | CT18 | Supply Chain and Logistics Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 22 | PHM19CT209 | CT19 | Medical Tourism and Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 23 | PHF19DE211 | DE2 | Security Analysis and Portfolio Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 24 | PHF19DE213 | DE3 | Financial System and Markets in healthcare | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 25 | PHM19CR252 | CR2 | Hospital Hands-on Postings–II | 0 | 0 | 9 | 3 | - | 0 | 135 | 135 | 90 | 100 | - | - | 100 |
| 26 | PHM 19CR 254 | CR3 | Summer Internship | 0 | 0 | 18 | 6 | - | 0 | 270 | 270 | 90 | 100 | - | - | 100 |
| **TOTAL** | | | | **21** | 0 | **27** | **30** | **315** | **0** | **405** | **720** | | **550** | **700** | | **900** |

**MBA (HOSPITAL MANAGEMENT) – 2022-23Elective Stream:**
**HEALTH CARE FINANCE [HF]**
**Second Year - Semester IV**

| S. No. | Course Code | Category | Course Title | CREDITS/ WEEK | | | | HOURS/ SEMESTER (Credits x 15 weeks) | | | | Attendance (Min.%) | Internals (CIA) PM: 20 marks (a) | END SEMESTER ASSESSEMENT | | GRAND TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Lecture (L) | Tutorial (T) Clinical Training | Practical (P) Research Project | Credits (C) | Lecture | Tutorial | Practical | Total Hours | | | Theory PM: 25 marks (b) | Practical /Viva PM: 25 marks (c) | Theory: a+(b/2)=100 Practical: a+c = 100 |
| 27 | PHM19CT202 | CT20 | Cross Cultural Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 28 | PHM19CT204 | CT21 | Ethics and Social Responsibility | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 29 | PHF19DE206 | DE4 | Entrepreneurial Finance | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 30 | PHF19DE208 | DE5 | Risk Management and Insurance | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 31 | PHF19RP256 | RP1 | Dissertation | - | 0 | 24 | 12 | 0 | 0 | 360 | 360 | 90 | 50 | - | 50 | 100 |
| **TOTAL** | | | | **12** | 0 | **24** | **24** | **180** | **0** | **360** | **540** | | **250** | **400** | **50** | **500** |
| **Grand Total** | | | | 66 | 15 | 54 | 105 | 990 | 450 | 900 | 2340 | | 1850 | 2400 | 50 | 3100 |

a: CIA Theory & Practical (Eligibility to appear for university examinations is 40% & 80% attendance)

b: EST (Pass Min. ESE & in Aggregate (CIA+EST): Grade B [50%])

c: ESP (Pass Min. ESE & in Aggregate (CIA+ESP): Grade B [50%])

$ total of 100 % is determined from the CIA evaluation

RP; CR : 1 credit = 45 hrs

**MBA (HOSPITAL MANAGEMENT) – 2022-23Elective Stream:**
**HEALTH CARE QUALITY [HQ]**
**First Year - Semester II**

| S. No. | Course Code | Category | Course Title | CREDITS/ WEEK | | | | HOURS/ SEMESTER (Credits x 15 weeks) | | | | Attendance (Min.%) | Internals (CIA) PM: 20 marks (a) | END SEMESTER ASSESSMENT | | GRAND TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Lecture (L) | Tutorial (T) Clinical Training | Practical (P) Research Project | Credits (C) | Lecture | Tutorial | Practical | Total Hours | | | Theory PM: 25 marks (b) | Practical/ Viva PM: 25 marks (c) | Theory: a+(b/2)=100 Practical: a+c = 100 |
| 10 | PHM19CT102 | CT10 | Management and Organizational Behaviour | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 11 | PHM19CT104 | CT11 | Research Methodology | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 12 | PHM19CT106 | CT12 | Business Analytics | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 13 | PHM19CT108 | CT13 | Managerial Accounting | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 14 | PHM19CT110 | CT14 | Quantitative Techniques | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 15 | PHQ19DE112 | DE1 | Total Quality Management in hospitals | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 |
| 16 | PHM19GE114 | GE1 | To be chosen by student | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 17 | PHM19CR152 | CR1 | Hospital Hands-on Postings – I | 0 | 0 | 3 | 3 | 0 | 0 | 135 | 135 | 90 | 100 | - | - | 100 |
| | | | **TOTA L** | 15 | 6 | 3 | 24 | 225 | 180 | 135 | 540 | | 450 | **700** | | **800** |

| | MBA (HOSPITAL MANAGEMENT) – 2022-23Elective Stream: HEALTH CARE QUALITY [HQ] Second Year - Semester III | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S. No. | Course Code | Category | Course Title | CREDITS/ WEEK | | | | HOURS/ SEMESTER (Credits x 15 weeks) | | | | Attendance (Min.%) | Internals (CIA) PM: 20 marks (a) | END SEMESTER ASSESSEMENT | | GRAND TOTAL |
| | | | | Lecture (L) | Tutorial (T) Clinical Training (CT) | Practical (P) Research Project (RP) | Credits (C) | Lecture/ | Tutorial | Practical | Total Hours | | | Theory PM: 25 marks (b) | Practical /Viva PM: 25 marks (c) | Theory: a+(b/2)=100 Practical: a+c = |
| 18 | PHM19CT201 | CT15 | Business Environment and Strategic Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 19 | PHM19CT203 | CT16 | Entrepreneurship | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 20 | PHM19CT205 | CT17 | Services Marketing and Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 21 | PHM19CT207 | CT18 | Supply Chain and Logistics Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 22 | PHM19CT209 | CT19 | Medical Tourism and Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 23 | PHQ19DE211 | DE2 | Healthcare Accreditation and Laws | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 24 | PHQ19DE213 | DE3 | Innovation and Design Thinking | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 25 | PHM19CR252 | CR2 | Hospital Hands-on Postings–II | 0 | 0 | 9 | 3 | 0 | 0 | 135 | 135 | 90 | 100 | - | - | 100 |
| 26 | PHM 19CR 254 | CR3 | Summer Internship | 0 | 0 | 8 | 6 | 0 | 0 | 270 | 270 | 90 | 100 | - | - | 100 |
| **TOTAL** | | | | **21** | 0 | **27** | **30** | **315** | **405** | **405** | **720** | | **550** | **700** | | **900** |

**MBA (HOSPITAL MANAGEMENT) – 2022-23Elective Stream:**
**HEALTH CARE QUALITY [HQ]**
**Second Year - Semester IV**

| S. No. | Course Code | Category | Course Title | CREDITS/ WEEK | | | | HOURS/ SEMESTER (Credits x 15 weeks) | | | | Attendance (Min.%) | Internals (CIA) PM: 20 marks (a) | END SEMESTER ASSESSMENT | | GRAND TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Lecture (L) | Tutorial (T) Clinical Training | Practical (P) Research Project | Credits (C) | Lecture | Tutorial | Practical | Total Hours | | | Theory PM: 25 marks (b) | Practical /Viva PM: 25 marks (c) | Theory: a+(b/2)=100 Practical: a+c = 100 |
| 27 | PHM19CT202 | CT20 | Cross Cultural Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 28 | PHM19CT204 | CT21 | Ethics and Social Responsibility | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 29 | PHQ19DE206 | DE4 | Quality Assurance Framework in Hospitals | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 30 | PHQ19DE208 | DE5 | Healthcare Governance and Technology | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 31 | PHQ19RP256 | RP1 | Dissertation | - | 0 | 24 | 12 | 0 | 0 | 360 | 360 | 90 | 50 | - | 50 | 100 |
| **TOTAL** | | | | **12** | 0 | **24** | **24** | **180** | | **360** | **540** | | **250** | **400** | **50** | **500** |
| **Grand Total** | | | | **66** | **15** | **54** | **105** | **990** | **450** | **900** | **2340** | | **1850** | **2400** | **50** | **3100** |

a: CIA Theory & Practical (Eligibility to appear for university examinations is 40% & 80% attendance)

b: EST (Pass Min. ESE & in Aggregate (CIA+EST): Grade B [50%])

c: ESP (Pass Min. ESE & in Aggregate (CIA+ESP): Grade B [50%])

$ total of 100 % is determined from the CIA evaluation

RP; CR : 1 credit = 45 hrs

| MBA (HOSPITAL MANAGEMENT) – 2022-23Elective Stream: HEALTH CARE HR [HR] First Year - Semester II | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S. No.** | **Course Code** | **Category** | **Course Title** | **CREDITS/ WEEK** | | | | **HOURS/ SEMESTER (Credits x 15 weeks)** | | | | **Attendance (Min.%)** | **Internals (CIA)** PM: 20 marks **(a)** | **END SEMESTER ASSESSMENT** | | **GRAND TOTAL** | |
| | | | | **Lecture (L)** | **Tutorial (T) Clinical Training** | **Practical (P) Research Project** | **Credits (C)** | **Lecture** | **Tutorial** | **Practical** | **Total Hours** | | | **Theory** PM: 25 marks **(b)** | **Practical/ Viva** PM: 25 marks **(c)** | **Theory: a+(b/2)=100 Practical: a+c = 100** | |
| 10 | PHM19CT102 | CT10 | Management and Organizational Behaviour | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 | |
| 11 | PHM19CT104 | CT11 | Research Methodology | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 | |
| 12 | PHM19CT106 | CT12 | Business Analytics | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 | |
| 13 | PHM19CT108 | CT13 | Managerial Accounting | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 | |
| 14 | PHM19CT110 | CT14 | Quantitative Techniques | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 | |
| 15 | PHR19DE112 | DE1 | Talent Management in Healthcare | 2 | 1 | 0 | 3 | 30 | 30 | 0 | 60 | 80 | 50 | 100 | - | 100 | |
| 16 | PHM19GE114 | GE1 | To be chosen by student | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 | |
| 17 | PHM19CR152 | CR1 | Hospital Hands-on Postings – I | 0 | 0 | 3 | 3 | 0 | 0 | 135 | 135 | 90 | 100 | - | - | 100 | |
| | | | **TOTA L** | 15 | 6 | 3 | 24 | 225 | 180 | 135 | 540 | | 450 | **700** | | **800** | |

| | MBA (HOSPITAL MANAGEMENT) – 2022-23Elective Stream: HEALTH CARE HR [HR] Second Year - Semester III | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S. No.** | **Course Code** | **Category** | **Course Title** | **CREDITS/ WEEK** | | | | **HOURS/ SEMESTER (Credits x 15 weeks)** | | | | **Attendance (Min.%)** | **Internals (CIA)** PM: 20 marks **(a)** | **END SEMESTER ASSESSEMENT** | | **GRAND TOTAL** |
| | | | | **Lecture (L)** | **Tutorial (T) Clinical Training (CT)** | **Practical (P) Research Project (RP)** | **Credits (C)** | **Lecture/** | **Tutorial** | **Practical** | **Total Hours** | | | **Theory** PM: 25 marks **(b)** | **Practical /Viva** PM: 25 marks **(c)** | **Theory: a+(b/2)=100 Practical: a+c =** |
| 18 | PHM19CT201 | CT15 | Business Environment and Strategic Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 19 | PHM19CT203 | CT16 | Entrepreneurship | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 20 | PHM19CT205 | CT17 | Services Marketing and Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 21 | PHM19CT207 | CT18 | Supply Chain and Logistics Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 22 | PHM19CT209 | CT19 | Medical Tourism and Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 23 | PHR19DE211 | DE2 | HR Analytics | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 24 | PHR19DE213 | DE3 | Training and Development | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 25 | PHM19CR252 | CR2 | Hospital Hands-on Postings–II | 0 | 0 | 9 | 3 | - | 135 | 135 | 90 | 90 | 100 | - | - | 100 |
| 26 | PHM19CR254 | CR3 | Summer Internship | 0 | 0 | 18 | 6 | - | 270 | 270 | 180 | 90 | 100 | - | - | 100 |
| **TOTAL** | | | | **21** | 0 | **27** | **30** | **315** | **405** | **720** | **585** | | **550** | **700** | | **900** |

| MBA (HOSPITAL MANAGEMENT) – 2022-23Elective Stream: HEALTH CARE HR [HR] Second Year - Semester IV | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S. No.** | **Course Code** | **Category** | **Course Title** | **CREDITS/ WEEK** | | | | **HOURS/ SEMESTER (Credits x 15 weeks)** | | | | **Attendance (Min.%)** | **Internals (CIA)** PM: 20 marks **(a)** | **END SEMESTER ASSESSEMENT** | | **GRAND TOTAL** |
| | | | | **Lecture (L)** | **Tutorial (T) Clinical Training** | **Practical (P) Research Project** | **Credits (C)** | **Lecture** | **Tutorial** | **Practical** | **Total Hours** | | | **Theory** PM: 25 marks **(b)** | **Practical /Viva** | **Theory: a+(b/2)=100 Practical: a+c = 100** |
| 27 | PHM19CT202 | CT20 | Cross Cultural Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 28 | PHM19CT204 | CT21 | Ethics and Social Responsibility | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 29 | PHR19DE206 | DE4 | Compensation and Benefits Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 30 | PHR19DE208 | DE5 | Performance Management | 3 | 0 | 0 | 3 | 45 | 0 | 0 | 45 | 80 | 50 | 100 | - | 100 |
| 31 | PHR19RP256 | RP1 | Dissertation | - | 0 | 24 | 12 | 0 | 0 | 360 | 360 | 90 | 50 | - | 50 | 100 |
| **TOTAL** | | | | **12** | 0 | **24** | **24** | **180** | **0** | **360** | **540** | | **250** | **400** | **50** | **500** |
| **Grand Total** | | | | **66** | **15** | **54** | **105** | **990** | **450** | **900** | **2340** | | **1850** | **2400** | **50** | **3100** |
| a: CIA Theory & Practical (Eligibility to appear for university examinations is 40% & 80% attendance) | | | | | | | | | | | | | | | | |
| b: EST (Pass Min. ESE & in Aggregate (CIA+EST): Grade B [50%]) | | | | | | | | | | | | | | | | |
| c: ESP (Pass Min. ESE & in Aggregate (CIA+ESP): Grade B [50%]) | | | | | | | | | | | | | | | | |
| $ total of 100 % is determined from the CIA evaluation | | | | | | | | | | | | | | | | |
| RP; CR : 1 credit = 45 hrs | | | | | | | | | | | | | | | | |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## BBA

## Semester-I

## (w.e.f. July 2022 Onwards)

| S. No. | Subject Code | Subject Name | Marks | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mid Sem. | Min. passing marks | End Sem. | Min. passing marks | Practicals | Min. passing marks | Total Marks | Min. passing marks |
| 1 | BBA 101 T | Managerial Skills | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 2 | BBA 102 T | Fundamentals of Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 3 | BBA 103 T | Economics-1 | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 4 | BBA 104 T | Basic Accounting | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 5 | BBA 105 T | Hindi | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | BBA 106 T | Information Technology | 10 | 4 | 70 | 28 | - | - | 70 | 32 |
| 7 | BBA 106 P | Information Technology | - | - | - | - | 20 | 8 | 20 | 8 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## BBA

## Semester-II

## (w.e.f. July 2022 Onwards)

| S. No. | Subject Code | Subject Name | Marks | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mid Sem. | Min. passing marks | End Sem. | Min. passing marks | Practical | Min. passing marks | Total Marks | Min. passing marks |
| 1 | BBA 201 T | Business communication | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 2 | BBA 202 T | Human Resource Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 3 | BBA 203 T | Economics-II | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 4 | BBA 204 T | Financial Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 5 | BBA 205 T | English | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | BBA 206 T | Management Information System | 20 | 8 | 80 | 32 | - | - | 100 | 40 |

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**
**BBA**
**Semester-III**
**(w.e.f. July 2022 Onwards)**

| S. No. | Subject Code | Subject Name | Marks | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mid Sem. | Min. passing marks | End Sem. | Min. passing marks | Practical | Min. passing marks | Total Marks | Min. passing marks |
| 1 | BBA 301 T | Marketing Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 2 | BBA 302 T | Organizational Behaviour | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 3 | BBA 303 T | Business Environments | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 4 | BBA 304 T | Business Costing | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 5 | BBA 305 T | Operation Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | BBA 306 T | Business Statistics | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| | Total | | | | | | | | 600 | |

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**
**BBA**
**Semester-IV**
**(w.e.f. July 2022 Onwards)**

| S. No. | Subject Code | Subject Name | Marks | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mid Sem. | Min. passing marks | End Sem. | Min. passing marks | Practical | Min. passing marks | Total Marks | Min. passing marks |
| 1 | BBA 401 T | Entrepreneurship | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 2 | BBA 402 T | Supply Chain Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 3 | BBA 403 T | International Business | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 4 | BBA 404 T | Indian Legal System for Business | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 5 | BBA 405 T | Management Accounting | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | BBA 406 T | Operations Research | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| | Total | | | | | | | | 600 | |

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**B.B.A**

**Semester-V**

**(w.e.f. July 2022 Onwards)**

| S. No | Subject Code | Subject Name | Marks | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mid.Sem | Min Passing marks | End Sem | Min Passing marks | Practical | Min Passing marks | Total Marks | Min Passing marks |
| 1 | BB 501 | Customer Relationship Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 2 | BB 502 | Project Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 3 | BB 503 | Indian Financial Systems | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 4 | BB 504 | Research Methodology | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **SPECIALIZATION ( ANY ONE TO BE OPTED)** | | | | | | | | | | |
| **A.MARKETING:** | | | | | | | | | | |
| 5 | BB 505M | Sales and Distribution Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | BB 506M | Advertising and Brand Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **B. FINANCE:** | | | | | | | | | | |
| 5 | BB 505F | Banking and Insurance | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | BB 506F | Working Capital Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **C.HUMAN RESOURCE MANAGEMENT** | | | | | | | | | | |
| 5 | BB 505H | Human Resource Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | BB 506H | Industrial Relations | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| | **Total** | | | | | | | | **600** | |

# Dr. Preeti Global University, Shivpuri (M.P)

**B.B.A**

**Semester-VI**

**(w.e.f. July 2022 Onwards)**

| S. No | Subject Code | Subject Name | Marks | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mid.Sem | Min Passing marks | End Sem | Min Passing marks | Practical | Min Passing marks | Total Marks | Min Passing marks |
| 1 | BB 601 | Total Quality Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 2 | BB 602 | Retail Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 3 | BB 603 | Strategic Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 4 | BB 604 | Indian Ethos in Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **SPECIALIZATION ( ANY ONE TO BE OPTED)** | | | | | | | | | | |
| **A.MARKETING:** | | | | | | | | | | |
| 5 | BB 605M | Marketing of Services | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | BB 606M | Advertising and Brand Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **B. FINANCE:** | | | | | | | | | | |
| 5 | BB 605F | Merchant Banking and Financial Services | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | BB 606F | International Finance | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **C.HUMAN RESOURCE MANAGEMENT** | | | | | | | | | | |
| 5 | BB 605H | Performance Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | BB 606H | Leadership Skill and Change Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| | **Total** | | | | | | | | **600** | |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## MBA
## Semester-I
## (w.e.f. July 2022 Onwards)

| S. No. | Subject Code | Subject Name | Marks | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mid Sem. | Min. passing marks | End Sem. | Min. passing marks | Practicals | Min. passing marks | Total Marks | Min. passing marks |
| 1 | MBA 101 T | Management Principles and Practices | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 2 | MBA 102 T | Mathematics and Statistics for Managers | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 3 | MBA 103 T | Accounting for Managers | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 4 | MBA 104 T | IT &E-Business Fundamentals | 20 | 8 | 50 | 20 | 30 | 12 | 100 | 40 |
| 5 | MBA 105 T | Business Environment | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | MBA 106 T | Organisation Behaviour and Process | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 7 | MBA 107 T | Business Communication | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 8 | MBA 108T | Business Legislation | 20 | 8 | 80 | 32 | - | - | 100 | 40 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## MBA
## Semester-II
## (w.e.f. July 2022 Onwards)

| S. No. | Subject Code | Subject Name | Marks | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mid Sem. | Min. passing marks | End Sem. | Min. passing marks | Practicals | Min. passing marks | Total Marks | Min. passing marks |
| 1 | MBA 201 T | Operations Research for Business Decisions | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 2 | MBA 202 T | Fundamentals of Operations Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 3 | MBA 203 T | Entrepreneurship | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 4 | MBA 204 T | Fundamentals of Financial Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 5 | MBA 205 T | Fundamentals of Marketing Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 6 | MBA 206 T | Fundamentals of Human Resource Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 7 | MBA 207 T | Business Ethics and Management by Indian Values | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 8 | MBA 208T | Business Research Methods | 20 | 8 | 80 | 32 | - | - | 100 | 40 |

# Dr. Preeti Global University, Shivpuri (M.P)

MBA 3rd semester Scheme

| S.No | Subject Code | Subject Name | Marks | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mid.Sem | Min Passing marks | End Sem | Min Passing marks | Practical | Min Passing marks | Total Marks | Min Passing marks |
| 1. | MBA 301 C | Strategic Material & supply chain Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 2. | MBA 302C | Project Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **SPECIALIZATION ( ANY TWO TO BE OPTED)** | | | | | | | | | | |
| **A.MARKETING MANAGEMENT** | | | | | | | | | | |
| 3. | MBA 303M | Product Policy Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 4. | MBA 304M | Advertising and Brand Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 5. | MBA305M | Sales and distribution Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **B. FINANCIAL MANAGEMENT** | | | | | | | | | | |
| 6. | MBA 303F | Tax Planning & Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 7. | MBA 304F | Financial System and Services | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 8. | MBA305F | Bank and Insurance Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **C.HUMAN RESOURCE MANAGEMENT** | | | | | | | | | | |
| 9. | MBA 303H | Industrial Relations & Labor Laws | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 10. | MBA 304H | Human Resource Development & Audit | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 11. | MBA305H | Social Psychology | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **D. INFORMATION SYSTEM MANAGEMENT** | | | | | | | | | | |
| 12. | MBA 303I | Object Oriented Programming using C++ | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 13. | MBA 304I | Management Information System | 20 | 8 | 80 | 32 | - | - | 100 | 40 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 14. | MBA305I | Relational database Management System using Oracle | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **E. PRODUCTION AND OPERATIONS MANAGEMENT** | | | | | | | | | | |
| 15. | MBA 303P | Strategic Technology Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 16. | MBA 304P | Product Innovation and Planning | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 17. | MBA305P | Work Study and Productivity | 20 | 8 | 80 | 32 | - | - | 100 | 40 |

# Dr. Preeti Global University, Shivpuri (M.P)

**MBA 4th Semester Scheme**

| S.No | Subject Code | Subject Name | Marks | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Mid.Sem | Min Passing marks | End Sem | Min Passing marks | Practical | Min Passing marks | Total Marks | Min Passing marks |
| 1. | MBA 401 C | Corporate Governance & Global Business Environment | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 2. | MBA 402C | Strategic Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 3. | MBA 406C | Major Research Project | | | | | 100 | 40 | 100 | 40 |
| 4. | MBA 407C | Comprehensive Viva-voce | | | | | 100 | 40 | 100 | 40 |
| **SPECIALIZATION ( ANY TWO TO BE OPTED)** | | | | | | | | | | |
| **A.MARKETING MANAGEMENT** | | | | | | | | | | |
| 3. | MBA 403M | International Marketing | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 4. | MBA 404M | Service and Retail Marketing | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 5. | MBA 405M | Consumer Behavior and Rural Marketing | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **B. FINANCIAL MANAGEMENT** | | | | | | | | | | |
| 6. | MBA 403F | International Strategic Finance | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 7. | MBA 404F | Financial Engineering & Risk Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 8. | MBA 405F | Investment Analysis &Portfolio Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **C.HUMAN RESOURCE MANAGEMENT** | | | | | | | | | | |
| 9. | MBA 403H | Compensation Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 10. | MBA 404H | Business Process Transformation | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 11. | MBA 405H | Organizational Developments | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **D. INFORMATION SYSTEM MANAGEMENT** | | | | | | | | | | |
| 12. | MBA 403I | UNIX and LINUX Operating System | 20 | 8 | 80 | 32 | - | - | 100 | 40 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 13. | MBA 404I | Visual Basis Programming | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 14. | MBA 405I | Computer Networks | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| **E. PRODUCTION AND OPERATIONS MANAGEMENT** | | | | | | | | | | |
| 15. | MBA 403P | Production Planning and Control | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 16. | MBA 404P | Total Quality Management | 20 | 8 | 80 | 32 | - | - | 100 | 40 |
| 17. | MBA 405P | Business Process Reengineering | 20 | 8 | 80 | 32 | - | - | 100 | 40 |

# DR. PREETI GLOBAL UNIVERSITY, SHIVPURI

## BachelorofCommerce(Computer) SCHEME

### First Semester

**AcademicSession:2023-24**

| S.No | SubjectCode | SubjectName | MarksDistribution | | | | | Credits |
|---|---|---|---|---|---|---|---|---|
| | | | CAA (ContinuousAssessment&Assignment) | Theory Marks | Practical Marks | | Total Marks | |
| | | | | | Max | Min | | |
| 1 | **BCOM-101/M1T Major (Core)** | FinancialAccounting | 40 | 60 | - | - | 100 | 06 |
| 2 | **BCOM-102/M2T (Minor)** | BusinessOrganizations & Communication | 40 | 60 | - | - | 100 | 06 |
| 3 | **BCCGEC-103 GenericElective** | DataProcessing Software | 40 | 60 | - | - | 100 | 04 |
| 4 | **BCOM-104 (AEC)** | Environmental Education | 40 | 60 | - | - | 100 | 04 |
| **GrandTotal** | | | **160** | **240** | **-** | **-** | **400** | **20** |

**Note:TheStudentmayoptforanyoneoftheGenericelectiveCourse.**

**CAA:ContinuousAssessment& Assignment**

# Bachelor of Commerce
# SCHEME
## Second Semester
### Academic Session: 2022-23

| S.No | Subject Code | Subject Name | Marks Distribution | | | | | Credits |
|---|---|---|---|---|---|---|---|---|
| | | | CAA (Continuous Assessment & Assignment) | Theory Marks | Practical Marks | | Total Marks | |
| | | | | | Max | Min | | |
| 1 | **BCOM-201/M1T Major (Core)** | Business Regulatory Framework | 40 | 60 | - | - | 100 | 06 |
| 2 | **BCOM-202/M2T (Minor)** | Business Mathematics | 40 | 60 | - | - | 100 | 06 |
| 3 | **BCC GEC-203 Generic Elective** | Desktop Publishing | 40 | 60 | - | - | 100 | 04 |
| 4 | **BCOM-204 (AEC)** | English Language | 40 | 60 | - | - | 100 | 04 |
| **Grand Total** | | | **160** | **240** | - | - | **400** | **20** |

**Note:** **The Student may opt for any one of the Generic elective Course.**

# Dr. Preeti GLobal University,
# Shivpuri
## BachelorofCommerce(B.Com) SCHEME
### FirstSemester
**AcademicSession:2022-23**

| S.No | SubjectCode | SubjectName | MarksDistribution | | | | | Credits |
|---|---|---|---|---|---|---|---|---|
| | | | CAA (ContinuousAssessment&Assignment) | Theory Marks | Practical Marks | | Total Marks | |
| | | | | | Max | Min | | |
| 1 | **BCOM-101/M1T Major (Core)** | FinancialAccounting | 40 | 60 | - | - | 100 | 06 |
| 2 | **BCOM-102/M2T (Minor)** | BusinessOrganizations&Communication | 40 | 60 | - | - | 100 | 06 |
| 3 | **BCOMGEC-103** | 1.Moneyand Banking<br>2.Sales Promotion<br>3.CommunicativeEnglish<br>4.Organizational Behavior<br>5.Childrightsand WomenEmpowerment<br>6.Computational Mathematics<br>7.NumericalMethods<br>8.Herbal Cosmetics<br>9.Computer Fundamentals | 40 | 60 | - | - | 100 | 04 |
| 4 | **BCOM-104 (AEC)** | Environmental Education | 40 | 60 | - | - | 100 | 04 |
| **GrandTotal** | | | **160** | **240** | **-** | **-** | **400** | **20** |

**Note:TheStudent mayoptforanyoneoftheGeneric elective Course.**

**CAA:ContinuousAssessment& Assignment**

# Bachelor of Commerce
# SCHEME
## Second Semester
### Academic Session: 2022-23

| S.No. | Subject Code | Subject Name | Marks Distribution | | | | | Credits |
|---|---|---|---|---|---|---|---|---|
| | | | CAA (Continuous Assessment & Assignment) | Theory Marks | Practical Marks | | Total Marks | |
| | | | | | Max | Min | | |
| 1 | **BCOM-201/M1T Major (Core)** | Business Regulatory Framework | 40 | 60 | - | - | 100 | 06 |
| | **BCOM-202/M2T (Minor)** | Business Mathematics | 40 | 60 | - | - | 100 | 06 |
| 3 | **BCOM GEC-203 Generic Elective** | 1. Business Economics<br>2.Banking Institution in India<br>3.Banking Insurance<br>4. Advertising Sales Promotion and Management<br>5.Computer Fundamental<br>6.Probability and Statistics<br>7.Discrete Mathematics | 40 | 60 | - | - | 100 | 04 |
| 4 | **BCOM-204 (AEC)** | English Language | 40 | 60 | - | - | 100 | 04 |
| **Grand Total** | | | **160** | **240** | - | - | **400** | **20** |

**Note:** **The Student may opt for any one of the Generic elective Course.**

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.Com.

## Semester-I

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MCM101T** | Management Concept | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | **MCM102T** | Business Environment | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | **MCM103T** | Advanced Accounting | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | **MCM104T** | Cost Analysis and Control | 85 | 28 | 15 | 05 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.Com

## Semester-II

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MCM201T** | Corporate Legal Framework | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | **MCM202T** | Organizational Behaviour | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | **MCM203T** | Advanced. Statistical Analysis | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | **MCM204T** | Functional Management | 85 | 28 | 15 | 05 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.Com.

## Semester-III

## (W.e.f July,2022)

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MCM 301T** | Managerial Economics | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | **MCM 302T** | Tax Planning & Management | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | **MCM 303T** | Entrepreneurship Skill Development | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | **MCM 304T** | Accounting for Managerial Decisions | 85 | 28 | 15 | 05 | - | - | 100 |
| **Total** | | | | | | | | | **400** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Com
## Semester-IV
## (W.e.f July,2022)

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MCM 401T** | Corporate Accounting | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | **MCM 402T** | Cost Administration and Control | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | **MCM 403T** | Accounting Theory | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | **MCM 404T** | Institutional Accounting | 85 | 28 | 15 | 05 | - | - | 100 |
| 5 | **MCM 405P** | Employment Oriented Project Work (Project / Internship) | | | | | 100 | - | 100 |
| **Total** | | | | | | | | | **500** |

# COURSEOFSTUDYANDSCHEMEOFEXAMINATION

| S.No. | Paper Code | SubjectTitle | Hours | University Examination | | | Credits |
|---|---|---|---|---|---|---|---|
| | | | | Internal(25 %) | External(75 %) | Total | |
| | | **ISEMESTER** | | | | | |
| 1 | CoreI | MarketingManagement | 6 | 25 | 75 | 100 | 4 |
| 2 | CoreII | AccountingforManagerialDecision | 6 | 25 | 75 | 100 | 4 |
| 3 | CoreIII | FinancialManagement | 6 | 25 | 75 | 100 | 5 |
| 4 | CoreIV | ProgramminginC++ | 6 | 25 | 75 | 100 | 4 |
| 5 | ElectiveI | *(Anyoneofthefollowing)* | | | | | |
| | PaperI: | OrganisationalBehaviour | 6 | 25 | 75 | 100 | 4 |
| | PaperII: | BusinessEnvironment | | | | | |
| | | **IISEMESTER** | | | | | |
| 6 | CoreV | AdvancedCostAccounting | 6 | 25 | 75 | 100 | 5 |
| 7 | CoreVI | InvestmentAnalysisandPortfolio Management | 4 | 25 | 75 | 100 | 5 |
| 8 | CoreVII | AdvancedBusinessStatistics | 6 | 25 | 75 | 100 | 4 |
| 9 | CoreVIII | ComputerApplications:Practical-I (Tally&C++) | 4 | 25 | 75 | 100 | 4 |
| 10 | ElectiveII | *(Anyoneofthefollowing)* | | | | | |
| | PaperI: | FinancialMarketsand Institutions | 4 | 25 | 75 | 100 | 4 |
| | PaperII: | Export-ImportManagement | | | | | |
| 11 | (EDC) | ExtraDisciplinaryCourse | 4 | 25 | 75 | 100 | 4 |
| 12 | Common Paper | HumanRights | 2 | 25 | 75 | 100 | - |
| 13 | Addon Course | InternshipTraining | | | | 50 | - |

| S.No. | Paper Code | SubjectTitle | Hours | University Examination | | | Credits |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | **IIISEMESTER** | | | | | |
| 14 | CoreIX | ResearchMethodology | 6 | 25 | 75 | 100 | 4 |
| 15 | CoreX | AdvancedCorporateAccounting | 6 | 25 | 75 | 100 | 5 |
| 16 | CoreXI | IncomeTaxandTaxPlanning | 6 | 25 | 75 | 100 | 4 |
| 17 | CoreXII | VisualBasic | 6 | 25 | 75 | 100 | 4 |
| 18 | ElectiveIII | *(Anyoneofthefollowing)* | | | | | |
| | PaperI: | ResourceManagement Techniques | 6 | 25 | 75 | 100 | 4 |
| | PaperII: | RetailMarketing | | | | | |
| | | **IVSEMESTER** | | | | | |
| 19 | CoreXIII | GoodsandServiceTax | 6 | 25 | 75 | 100 | 4 |
| 20 | CoreXIV | ComputerApplications PracticalII-VB | 6 | 25 | 75 | 100 | 4 |
| 21 | | ProjectWorkinCommerce Project -150Marks Viva -50Marks | 12 | - | - | 200 | 10 |
| 22 | ElectiveIV | *(Anyoneofthefollowing)* | | | | | |
| | PaperI: | InsuranceandRisk Management | 6 | 25 | 75 | 100 | 4 |
| | PaperII: | StrategicManagement | | | | | |
| | **Total** | | **120** | | | **2200** | **90** |

# BCA PART I Semester –Scheme: 2022 and Onwards:

**Course of studies for the BCA –I**

**Semester BCA - I Sem Course**

| Course | Theory Max. Marks | | Practical | Max. | |
|---|---|---|---|---|---|
| | Internal | External | Max Marks | Marks | Min Marks |
| **BCA -101 Mathematics -I** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA -102 Statistics -I** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA -103 Physics -I** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA -104 Programming & Problem solving through C -I** | -------- | 50 | -------- | 50 | 17 |
| **BCA -105 PC Software** | | 50 | -------- | 50 | 17 |
| **BCA -106 English** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA -107 Programming & Problem solving through C –I Practical** | -------- | -------- | 25 | 25 | 9 |
| **BCA -108 PC Software Practical** | -------- | -------- | 25 | 25 | 9 |
| **Total Marks** | 40 | 260 | 50 | -------- | ---------- |
| **Grand Total** | ---------- | --------- | ---------- | 350 | --------- |

**BCA - II Sem Course**

| Course | Theory Max. Marks | | Practical | Max. | |
|---|---|---|---|---|---|
| | Internal | External | Max Marks | Marks | Min Marks |
| **BCA -201 Mathematics –II** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA -202 Statistics -II** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA -203 Physics –II** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA -204 Programming & Problem solving through C -II** | -------- | 50 | -------- | 50 | 17 |
| **BCA -205 Introduction to Information System** | -------- | 50 | -------- | 50 | 17 |
| **BCA -206 Hindi** | 10 | 40 | | 50 | 4+13 |
| **BCA -207 Practical- Programming & Problem solving through C –II** | -------- | -------- | 25 | 25 | 9 |
| **BCA -208 Internet Practical** | -------- | -------- | 25 | 25 | 9 |
| **Total Marks** | 40 | 260 | 50 | -------- | ---------- |
| **Grand Total** | ---------- | --------- | ---------- | 350 | --------- |

# BCA PART II Semester – Scheme: 2022 and Onwards:

**Course of studies for the BCA –III**

**Semester BCA - III Sem Course**

| Course | Theory Max. Marks | | Practical | Max. | |
|---|---|---|---|---|---|
| | Internal | External | Max Marks | Marks | Min Marks |
| **BCA -301 Mathematics -III** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA -302 Object Oriented Programming Through C++** | -------- | 50 | -------- | 50 | 17 |
| **BCA -303 Digital Computer Electronics** | -------- | 50 | -------- | 50 | 17 |
| **BCA -304 Accounting & Financial Mgt** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA -305 Data Structure using C++** | -------- | 50 | -------- | 50 | 17 |
| **BCA -306 Communicational Skills** | 5 | 20 | -------- | 25 | 2+07 |
| **BCA -307 Practical (Object Oriented Programming Through C++)** | -------- | -------- | 25 | 25 | 9 |
| **BCA -308 Practical (Data Structure using C++)** | -------- | -------- | 25 | 25 | 9 |
| **BCA -309 Practical (Digital Computer Electronics)** | -------- | -------- | 25 | 25 | 9 |
| **Total Marks** | 25 | 50 | 75 | -------- | ---------- |
| **Grand Total** | ---------- | --------- | ---------- | 350 | --------- |

**BCA – IV Sem Course**

| Course | Theory Max. Marks | | Practical | Max. | |
|---|---|---|---|---|---|
| | Internal | External | Max Marks | Marks | Min Marks |
| **BCA -401 Coordinate Geometry of Three Dimension** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA -402 Database Management System** | -------- | 50 | -------- | 50 | 17 |
| **BCA -403 Data & Network Communication** | 10 | 40 | -------- | 50 | 17 |
| **BCA -404 Digital Computer Organization** | ---------- | 50 | -------- | 50 | 4+13 |
| **BCA -405 Unix Operating System** | -------- | 50 | -------- | 50 | 17 |
| **BCA -406 Environmental Awareness** | 5 | 20 | -------- | 25 | 2+07 |
| **BCA -407 Practical (Database Management System )** | -------- | -------- | 25 | 25 | 9 |
| **BCA -408 Practical (Digital Computer Organization)** | -------- | -------- | 25 | 25 | 9 |
| **BCA -409 Practical (Unix Operating System)** | -------- | -------- | 25 | 25 | 9 |
| **Total Marks** | 25 | 250 | 75 | -------- | ---------- |
| **Grand Total** | ---------- | --------- | ---------- | 350 | --------- |

# BCA PART III Semester –Scheme: 2022 and Onwards:

**Course of studies for the BCA –V Semester**

**BCA - V Sem Course**

| Course | Theory Max. Marks | | Practical Max Marks | Max. Marks | Min Marks |
|---|---|---|---|---|---|
| | Internal | External | | | |
| **BCA - 501 Introduction to JAVA** | ---------- | 50 | -------- | 50 | 17 |
| **BCA - 502 Computer Organization and Architecture** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA - 503 Software Eng.** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA - 504 Discrete Mathematics & Linear algebra** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA -505 Web Designing & web Technology** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA - 506 Entrepreneurship** | 5 | 20 | -------- | 25 | 2+07 |
| **BCA - 507 Practical JAVA** | -------- | -------- | 25 | 25 | 9 |
| **BCA - 508 VB/ VB.NET Practical** | -------- | -------- | 50 | 25 | 17 |
| **Total Marks** | 45 | 230 | 75 | -------- | ---------- |
| **Grand Total** | ---------- | --------- | ---------- | 350 | --------- |

**BCA – VI Sem Course**

| Course | Theory Max. Marks | | Practical Max Marks | Max. Marks | Min Marks |
|---|---|---|---|---|---|
| | Internal | External | | | |
| **BCA - 601 Computer Graphics & Multimedia** | ---------- | 50 | -------- | 50 | 17 |
| **BCA - 602 Computer Oriented Numerical Methods** | ---------- | 50 | -------- | 50 | 17 |
| **BCA - 603 Microprocessor & assembly language Programming** | ---------- | 50 | -------- | 50 | 17 |
| **BCA - 604 Principles and Practices of Management** | 10 | 40 | -------- | 50 | 4+13 |
| **BCA - 605 Project** | ---------- | ---------- | 75 | 75 | 26 |
| **BCA - 606 Computer Graphics Practical** | ---------- | ---------- | 25 | 25 | 9 |
| **BCA - 607 Practical (CONM Using C)** | -------- | -------- | 25 | 25 | 9 |
| **BCA - 608 Practical (Microprocessor & assembly language Programming)** | -------- | -------- | 25 | 25 | 9 |
| **Total Marks** | 10 | 190 | 150 | -------- | ---------- |
| **Grand Total** | ---------- | --------- | ---------- | 350 | --------- |

# Dr. Preeti Global University, Shivpuri (M.P)

Diploma in Computer Application

DCA Syllabus

Duration: 01 Year (Minimum)

Credit: 32 Credit

## I Semester

| Paper Code | Paper Title | Internal Marks | External marks | Total marks | Credit |
|---|---|---|---|---|---|
| DCA-01 | Fundamentals of Computer | 25 | 75 | 100 | 04 |
| DCA-02 | Operating System and Application Program | 25 | 75 | 100 | 04 |
| DCA-03 | PC Package | 25 | 75 | 100 | 04 |
| DCA-04 | C Programming | 25 | 75 | 100 | 02 |
| DCA-05 | Practical on Application Program | 25 | 75 | 100 | 02 |
| **Total** | | 125 | 375 | 500 | 16 |

## II Semester

| Paper Code | Paper Title | Internal Marks | External marks | Total marks | Credit |
|---|---|---|---|---|---|
| DCA-201 | DBMS | 25 | 75 | 100 | 04 |
| DCA-202 | Visual Basics (VB) | 25 | 75 | 100 | 04 |
| DCA-203 | Internet and Web Page Designing | 25 | 75 | 100 | 04 |
| DCA-204 | Project Work | 50 | 150 | 200 | 04 |
| **Total** | | 125 | 375 | 500 | 16 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination *(w.e.f. July-2022)*

### First Semester- Master of Computer Application

| S.No. | Subject Code | Subject Name | Periods per week | | | Credits | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | End Sem. Exam. | Tests (Two) | Assignments/Quiz | End Sem. Practical/ Viva | Practical Record/Quiz / Assignment/ Presentation | |
| 1. | MCA 101 | Programming in C and data Structure | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 2. | MCA 102 | Statistical Mathematics | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 3. | MCA 103 | Operating System and Architecture | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 4. | MCA 104 | Information Technology | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 5. | MCA 105 | Communication Skills | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 6 | MCA 106 | C and DS Lab | - | - | 8 | 8 | - | - | - | 120 | 80 | 200 |
| 7. | MCA 107 | Operating System Lab | - | - | 2 | 2 | | | | 30 | 20 | 50 |
| | | Total | 15 | 5 | 10 | 30 | 350 | 100 | 50 | 150 | 100 | 750 |

**L: Lecture - T: Tutorial - P: Practical**

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination *(w.e.f. 2022-23)*

Second Semester- Master of Computer Application

| S.No. | Subject Code | Subject Name | Periods per week | | | Credits | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | End Sem. Exam. | Tests (Two) | Assignments/Quiz | End Sem. Practical/ Viva | Practical Record/Quiz/ Assignment/Presentation | |
| 1. | MCA 201 | DBMS | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 2. | MCA 202 | Computer Network | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 3. | MCA 203 | Software Engineering and UML | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 4. | MCA 204 | Algorithm Design | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 5. | MCA 205 | Object oriented Programming with JAVA | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 6. | MCA 206 | Java and OOPS Lab | - | - | 8 | 8 | - | - | - | 120 | 80 | 200 |
| 7. | MCA 207 | DBMS | - | - | 2 | 2 | | | | 30 | 20 | 50 |
| | | Total | 15 | 5 | 10 | 30 | 350 | 100 | 50 | 150 | 100 | 750 |

**L: Lecture - T: Tutorial - P: Practical**

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination *(w.e.f. 2022-23)*

### Third Semester- Master of Computer Application

| S.No. | Subject Code | Subject Name | Periods per week | | | Credits | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | End Sem. Exam. | Tests (Two) | Assignments/Quiz | End Sem. Practical/Viva | Practical Record/Quiz/Assignment/Presentation | |
| 1. | MCA 301 | Data Mining | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 2. | MCA 302 | Artificial Intelligence | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 3. | MCA 303 | Elective – I | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 4. | MCA 304 | Elective-II | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 5. | MCA 305 | Elective-III | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 6. | MCA 306 | Minor Project | - | - | 8 | 8 | - | - | - | 120 | 80 | 200 |
| 7. | MCA 307 | Elective -1 Lab | - | - | 2 | 2 | | | | 30 | 20 | 50 |
| | | Total | 15 | 5 | 10 | 30 | 350 | 100 | 50 | 150 | 100 | 750 |

**L: Lecture - T: Tutorial - P: Practical**

Elective – I
1. Python
2. Web Technology
3. Introduction to data Science and big data

Elective-II
1.Machine Learning
2. Soft Computing
3 Internet of Things

Elective-III
1. Computer Ethics
2. Advanced Databases
3. Distributed Systems

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination *(w.e.f. 2020-2021)*

Fourth Semester- Master of Computer Application

| S.No. | Subject Code | Subject Name | Periods per week | | | Credits | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | End Sem. Exam. | Tests (Two) | Assignments/Quiz | End Sem. Practical/ Viva | Practical Record/Quiz/Assignment/Presentation | |
| 1. | MCA 401 | Elective –IV | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 2. | MCA 402 | Elective-V | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 3. | MCA 403 | Elective-VI | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 4. | MCA 404 | Major Project | - | - | 16 | 16 | - | - | - | 250 | 150 | 400 |
| 5. | MCA 405 | Lab of Elective-IV ,V and VI | - | - | 2 | 2 | | | | 30 | 20 | 50 |
| | | Total | 9 | 3 | 18 | 30 | 210 | 60 | 30 | 280 | 170 | 750 |

**L: Lecture - T: Tutorial - P: Practical**

**Elective – IV**
1. Advanced Python
2. Advanced Web Technology
3. Big data with Analytics

**Elective-V**
1. Deep Learning
2. Cloud Computing Technologies
3 Digital marketing

**Elective-VI**
1. Information Security
2. Block Chain and Cryptocurrency
3. Mobile Computing

## SCHEME OF EXAMINATION FOR POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS (PGDCA)

### SEMESTER I

| SUBJECT CODE | SUBJECT NAME | Internal MARKS | External Marks | Total | Credit |
|---|---|---|---|---|---|
| 1PGDCA1 | FUNDAMENTALS OF COMPUTERS & INFORMATION TECHNOLOGY | 25 | 75 | 100 | 4 |
| 1PGDCA2 | OPERATING SYSTEMS | 25 | 75 | 100 | 4 |
| 1PGDCA3 | PC PACKAGES | 25 | 75 | 100 | 4 |
| 1PGDCA4 | PC PACKAGES practical | 25 | 75 | 100 | 2 |
| 1PGDCA4 | ELECTIVE – 1 (CHOOSE ONE OF THE FOLLOWING) (A). FOXPRO (B). MS ACCESS | 25 | 75 | 100 | 4 |
| Total | | 125 | 375 | 500 | 18 |

### SEMESTER II

| SUBJECT CODE | SUBJECT NAME | MARKS | External Marks | Total | Credit |
|---|---|---|---|---|---|
| 2PGDCA1 | PROGRAMMING WITH VISUAL BASIC.NET | 25 | 75 | 100 | 4 |
| 2PGDCA2 | INTERNET & E-COMMERCE | 25 | 75 | 100 | 4 |
| 2PGDCA3 | SYSTEM ANALYSIS AND DESIGN | 25 | 75 | 100 | 4 |
| 2PGDCA4 | ELECTIVE - 2 (CHOOSE ONE OF THE FOLLOWING) (A). OOPS & PROGRAMMING WITH C++ (B). FINANCIAL ACCOUNTING WITH TALLY | 25 | 75 | 100 | 4 |
| 2PGDCA5 | COMPUTER LAB- II | 25 | 75 | 100 | 2 |
| Total | | 125 | 375 | 500 | 18 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme (B.Ed.) 2022 Onward

## Semester - I

| Paper Code | Name of Paper | Internal | Assignment | Attendance | Total | End Semester Exam | Duration | Practical | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| CC 1 | Childhood& Growing up | 5+5 | 10 | 5 | 25 | 75 | 3 hr | - | 100 |
| CC 2 | Education in India- Status, problems and Issues | 5+5 | 10 | 5 | 25 | 75 | 3 hr | - | 100 |
| CC 3 | Language across the curriculum part 1 | 5+5 | 5 | 0 | 15 | 35 | 3 hr | - | 50 |
| CC 4 | Curriculum Development& school | 5+5 | 10 | 5 | 25 | 75 | 3 hr | - | 100 |
| EPC 1 | Reading and Reflecting on Texts (Practical) | 5+5 | 5 | 5 | 20 | | | 30 | 50 |
| TOTAL | | | | | 110 | 290 | | | 400 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme (B.Ed.)

## Semester II

| Paper Code | Name of Paper | Internal | Assignment | Attendance | Total | End Semester Exam | Duration | Practical | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| CC1 | Learning & Teaching | 5+5 | 10 | 5 | 25 | 75 | 3 hr | - | 100 |
| PC 1 | Pedagogy of School Subject- Hindi(A) English(B) Sanskrit(C)Physics(D) Biology(E) Social Science(F)Urdu (G) | 5+5 | 10 | 5 | 25 | 75 | 3 hr | - | 100 |
| PC 2 | pedagogy of school subject- History (A) Civics (B) Geography (C) Mathematics(D) Chemistry(E) Economics(F) Commerce(G) Art(H) | 5+5 | 10 | 5 | 25 | 75 | 3 hr | - | 100 |
| CC 6 | Language across the curriculum -part 2 | 5+5 | 5 | 0 | 15 | 35 | 3 hr | - | 50 |
| EPC 2 | Drama & Art in Education (Practical) | 5+5 | 5 | 5 | 20 | | | 30 | 50 |
| TOTAL | | | | | 110 | 260 | | 30 | 400 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme (B.Ed.)

## Semester III

| Paper Code | Name of Paper | Internal | Assignment | Attendance | Total | End Semester Exam | Duration | Practical | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| CC 1 | Micro Teaching | - | - | - | - | - | - | 15 | 35 |
| CC 2 | School Internship | - | - | - | - | - | - | 150 | 200 |
| EPC 3 | Educational Psychology Practical | - | - | - | - | - | - | 10 | 40 |
| Total | | | | | | | | 175 | 275 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme (B.Ed.)

## Semester IV

| Paper Code | Name of Paper | Internal | Assignment | Attendance | Total | End Semester Exam | Duration | Practical | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| CC 7 | Gender School &Society | 5+5 | 10 | 5 | 25 | 75 | 3 hr | - | 100 |
| ICT 1 | Educational Technology& ICT | 5+5 | 10 | 5 | 25 | 75 | 3 hr | - | 100 |
| ICT 2 | ng an Inclusive Creati School | 5+5 | 10 | 5 | 25 | 75 | 3 hr | - | 100 |
| ICT 3 | Any one<br>A. Value Education<br>B. Futurology in Education<br>C. Health and Physical<br>D. Guidance and Counseling in School<br>E. Environmental Education<br>F. Action Research | 5+5 | 10 | 5 | 25 | 75 | 3 hr | - | 100 |
| EPC 4 | Understanding the Self (Practical) | 5+5 | 5 | 5 | 20 | | | 30 | 50 |
| EPC 5 | Understanding of ICT (Practical) | 5+5 | 5 | 5 | 20 | | | 30 | 50 |
| TOTAL | | | | | 140 | 300 | | 60 | 500 |

**Semester - ___**

**Syllabus for B.P.Ed. two year course (Four semester)**

**SCHEME OF EXAMINATION**

**SEMESTER - I**

| Paper | Subject | Internal | External | Total Marks |
|---|---|---|---|---|
| | **THEORY (400)** | | | |
| CC-101 | History, Principles and foundation of Physical Education | 30 | 70 | 100 |
| CC-102 | Anatomy and Physiology | 30 | 70 | 100 |
| CC-103 | Health Education and Environmental Studies | 30 | 70 | 100 |
| EC-101/102 | Olympic Movement/Officiating and Coaching (Elective) | 30 | 70 | 100 |
| | **PRACTICAL (400)** | | | |
| PC-101 | Track and Field (Running Events) | 30 | 70 | 100 |
| PC-102 | Swimming/Gymnastics/Shooting | 30 | 70 | 100 |
| PC-103 | Indigenous Sports: Kabaddi/ Malkhambh/ lezim / March past (Any of one out of these) | 30 | 70 | 100 |
| PC-104 | Mass Demonstration Activities: Kho-Kho / dumbbells / tipri / wands / hoop /umbrella (Any one out of these) | 30 | 70 | 100 |
| | **Total** | **240** | **560** | **800** |

**SEMESTER -II**

| Paper | Subject | Internal | External | Total Marks |
|---|---|---|---|---|
| | **THEORY (400)** | | | |
| CC-201 | Yoga Education | 30 | 70 | 100 |
| CC-202 | Educational Technology and Methods of Teaching in Physical Education | 30 | 70 | 100 |
| CC-203 | Organization and Administration | 30 | 70 | 100 |
| EC-201/202 | Contemporary issues in physical education, fitness and wellness/ Sports Nutrition and Weight Management (Elective) | 30 | 70 | 100 |
| | **PRACTICAL (300)** | | | |
| PC-201 | Track and Field (Jumping Events) | 30 | 70 | 100 |
| PC-202 | Yoga/Aerobics / Swimming / Gymnastics (Any of the two out of these) | 30 | 70 | 100 |
| PC-203 | Racket Sports: Badminton/ Table Tennis/ Squash/ Tennis (Any of the two out of these) | 30 | 70 | 100 |

**Semester - ____**

| | **TEACHING PRACTICE (100)** | | | |
|---|---|---|---|---|
| TP-201 | Teaching Practice (Classroom and outdoor) | 30 | 70 | 100 |
| | **Total** | **240** | **560** | **800** |

## SEMESTER –III

| Paper | Subject | Internal | External | Total Marks |
|---|---|---|---|---|
| | **THEORY (400)** | | | |
| CC-301 | Sports Training | 30 | 70 | 100 |
| CC-302 | Computer Applications in Physical Education | 30 | 70 | 100 |
| CC-303 | Sports Psychology and Sociology | 30 | 70 | 100 |
| EC-301/302 | Sports Medicine, Physiotherapy and Rehabilitation/Curriculum Design (Elective) | 30 | 70 | 100 |
| | **PRACTICAL (300)** | | | |
| PC-301 | Track and Field (Throwing Events) | 30 | 70 | 100 |
| PC-302 | Combative Sports : Martial Art, Karate, Judo, Fencing, Boxing, Taekwondo, Wrestling (Any two out of these) | 30 | 70 | 100 |
| PC-303 | Team Games: Baseball, Cricket, Football, Hockey, Softball, Volleyball, Handball, Basketball, Netball (Any two of these) | 30 | 70 | 100 |
| | **TEACHING PRACTICE (100)** | | | |
| TP-301 | Teaching Practice (Teaching Lesson Plans for Racket Sport/ Team Games/Indigenous Sports) | 30 | 70 | 100 |
| | **Total** | **240** | **560** | **800** |

## SEMESTER -IV

| **Paper** | **Subject** | **Internal** | **External** | **Total Marks** |
|---|---|---|---|---|
| | **THEORY (400)** | | | |
| CC-401 | Measurement and Evaluation in Physical Education | 30 | 70 | 100 |
| CC-402 | Kinesiology and Biomechanics | 30 | 70 | 100 |
| CC-403 | Research and Statistics in Physical Education | 30 | 70 | 100 |
| EC-401/402 | Theory of sports and games(Specifically sports and games specialization)/Sports Management (Elective) | 30 | 70 | 100 |
| | **PRACTICAL (200)** | | | |
| PC-401 | Track and Field/Swimming /Gymnastics (Any of one out of these) | 30 | 70 | 100 |
| PC-402 | Kabaddi/ Kho-Kho/ Baseball/ Cricket/ Football/Hockey/Softball/ Volleyball/ Handball/ Basketball/ Netball/ Badminton/ Table Tennis/ Squash/ Tennis (Any of one out of these) | 30 | 70 | 100 |
| | **TEACHING PRACTICE (200)** | | | |
| TP-401 | Sports Specialization: Coaching lessons Plans Track and Field/Swimming /Gymnastics (Any of one out of these) | 30 | 70 | 100 |

| | | | | |
|---|---|---|---|---|
| TP-402 | Game specialization Coaching lessons: Kabaddi/ Kho-Kho/ Baseball/ Cricket/Football/Hockey /Softball/ Volleyball/ Handball/ Basketball/ Netball/ Badminton/ Table Tennis/ Squash/ Tennis (Any of one out of these) | 30 | 70 | 100 |
| | **Total** | **240** | **560** | **800** |

## B. P. Ed. – Outline of Syllabus

### Semester – I

**Theory Courses**

**CC-101 HISTORY, PRINCIPLES AND FOUNDATION OF PHYSICAL EDUCATION**

**Unit – 1: Introduction**

- Meaning, Definition and Scope of Physical Education ○Aims and Objective of Physical Education ○Importance of Physical Education in present era. ○Misconceptions about Physical Education.
- Relationship of Physical Education with General Education. ○Physical Education as an Art and Science.

**Unit- 2 – Historical Development of Physical Education in India**

○Indus Valley Civilization Period. (3250 BC – 2500 BC)

- Vedic Period (2500 BC – 600 BC)
- Early Hindu Period (600 BC – 320 AD) and Later Hindu Period (320 AD – 1000 AD) ○Medieval Period (1000 AD – 1757 AD) ○British Period (Before 1947)○Physical Education in India (After 1947)○Contribution of Akhadas and Vyayamshals○Y.M.C.A. and its contributions.

**Unit- 3- Foundation of Physical Education**

○Philosophical foundation:

- Idealism, Pragmatism, Naturalism, Realism, Humanism, Existentialism and Indian Philosophy and Culture.
- Fitness and wellness movement in the contemporary perspectives ○Sports for all and its role in the maintenance and promotion of fitness.

**Unit-4- Principles of Physical Education**

○Biological

- Growth and development
- Age and gender characteristics
- Body Types
- Anthropometric differences

# Syllabus for Diploma Civil Engineering, Electrical Engineering

## List of Subject (First Year, 1st Sem)


| S. No. | Subject Code | Subject name | Page No. |
|---|---|---|---|
| 1 | DE 1106 | APPLIED MECHANICS | 3 |
| 2 | DE 1107 | ENVIORNMENTAL ENGINEERING AND SAFETY | 6 |
| 3 | DE 1108 | INTRODUCTION TO COMPUTERS | 9 |
| 4 | DE 1109 | ENGINEERING DRAWING | 12 |
| 5 | DE 1110 | WORKSHOP PRACTICE | 15 |
| 6 | DE 9999 | PROFESSIONAL ACTIVITIES | 18 |

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME : CIVIL ENGINEERING

NAME OF SCHEME : CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **THIRD SEMESTER** EXAM CODE:

| | COURSE TITILE | PAPERCODE/SUBJECTCODE | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICALHrs.PerWeek | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | GRANDTOTALOFMARKS |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMEN | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 301 | Surveying | CED 301T | 03 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 302 | Material Technology | CED 302T | 03 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 303 | Building Construction | CED 303T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 304 | Hydraulics | CED 304T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 305 | Building Drawing | CED 305T | 02 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 301 | Surveying | CED 301P | --- | --- | --- | --- | --- | --- | --- | --- | 06 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 302 | Material Technology | CED 302P | --- | --- | --- | --- | --- | --- | --- | --- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 303 | Building Construction | CED 303P | --- | --- | --- | --- | --- | --- | --- | --- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 304 | Hydraulics | CED 304P | --- | --- | --- | --- | --- | --- | --- | --- | 02 | 20 | 1 | 30 | 3 | 02 | 02 | 50 |
| 305 | Building Drawing | CED 305P | --- | --- | --- | --- | --- | --- | --- | --- | 06 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 306 | PROFESSIONAL ACTIVITIES* | DE 9999P | --- | --- | --- | --- | --- | --- | --- | --- | 02 | --- | --- | --- | --- | 02 | --- | --- |
| | TOTAL | | 16 | 50 | 50 | 50 | 05 | 350 | 15 | 20 | 20 | 100 | | 150 | 12 | 10 | 30 | 750 |

THERORY CREDITS : 20
PRACTICAL CREDITS : 10
TOTAL CREDITS : 30

THEORY MARKS : 350
PRACTICAL MARKS : 150
QUIZ,MIDTERM, LAB.WORK : 250
TOTAL : 750

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D '

**Note: * For DE9999P Professional activity there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME : , CIVIL ENGG.

NAME OF SCHEME : CGPA 2022 INPLEMENTED FROM SESSION : Jan 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **FOURTH SEMESTER** EXAM CODE:

| | COURSE TITILE | | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICALHrs.PerWeek | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | GRANDTOTALOFMARKS |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGM | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 401 | Advance Surveying | CED 401T | 03 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 402 | Soil Mechanics | CED 402T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 403 | Mechanics of Structure | CED 403T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 404 | Transportation Engg-I | CED 404T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 405 | Optional [any one] Entrepreneurship Marketing management | DE 411T/ 412T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | | | | | | | 04 | 100 |
| 401 | Advance Surveying | CED 401P | -- | -- | -- | -- | -- | -- | -- | | 04 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 402 | Soil Mechanics | CED 402P | -- | -- | -- | -- | -- | -- | -- | | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 404 | Transportation Engg-I | CED 403P | -- | -- | -- | -- | -- | -- | -- | | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 406 | Computer Aided Drawing | CED 406 | --- | --- | -- | -- | -- | -- | -- | -- | 03 | 40 | -- | 60 | 3 | 02 | 02 | 100 |
| 407 | Professional activities | DE 9999P | | | | | | | | | 02 | | | | | | | |
| | TOTAL | ..... | 23 | 50 | 50 | 50 | 05 | 350 | 15 | 20 | 13 | 100 | 04 | 150 | 12 | 08 | 28 | 750 |

THERORY CREDITS : 20
PRACTICAL CREDITS : 08
TOTAL CREDITS : 28

THEORY MARKS : 350
PRACTICAL MARKS : 150
QUIZ,MIDTERM, LAB.WORK : 250
TOTAL : 750

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D '

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: **THREE YEAR DIPLOMA IN CIVIL ENGG**

NAME OF SCHEME :CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **SEMESTER V** EXAM CODE:

| | | | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | |
| | COURSE TITILE | PAPERCODE/SUBJECTCODE | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | PRACTICALHrs.PerWeek | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | TOTALCREDIT | GRANDTOTALOFMARKS |
| | | | | | I | II | | | | | | | | | | | | |
| 501 | Irrigation Engg. | CED 501T | 05 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 502 | Q.S.C.-I | CED 502T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 503 | Work organization & management | CED 503T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 504 | Transportation Engg.-II | CED 504T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | -- | --- | --- | 04 | 100 |
| 505 | S.D.D.-I (RCC) | CED 505T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 504 | Transportation Engg.-II | CED 504P | --- | --- | --- | --- | --- | --- | --- | --- | 02 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 505 | S.D.D.-I (RCC) | CED 505P | --- | --- | --- | --- | --- | --- | --- | --- | 02 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 506 | Field visit | CED 506P | --- | --- | --- | --- | --- | --- | --- | --- | 03 | 40 | 01 | 60 | 03 | 02 | 02 | 100 |
| 507 | Professional Activities | DE9999 P | --- | --- | --- | --- | --- | --- | --- | --- | 02 | | | | | | | |
| | TOTAL | | 27 | 50 | 50 | 50 | | 350 | | 20 | 09 | 80 | | 120 | | 06 | 32 | 700 |

Theory Credits : 20
Practical Credits : 06
**Total Credits : 26**

Theory Marks : 350
Practical Marks : 120
Quiz, Mid Term, Lab. Work : 230
TOTAL : 700

**MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D '**

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: **THREE YEAR DIPLOMA IN CIVIL ENGG**

NAME OF SCHEME :CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **SEMESTER VI** EXAM CODE:

| COURSECODE | COURSE TITILE | PAPERCODE/SUBJECT | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | TOTALCREDIT | GRANDTOTALOFMAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | NO. TERM/ SEMESTER EVALUATION (NO Hrs.) | | | THEORYCREDIT | | UOUS EVALUATION | NO. TERM/ SEMESTER EVALUATION (NO Hrs.) | | | PRACTICALCREDIT | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 601 | P.H.E. | CED 601T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 602 | Q.S.C-II | CED 602T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 603 | S.D.D.-II (Steel) | CED 603T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 601 | P.H.E. | CED 601P | ... | ... | ... | ... | ... | ... | ... | ... | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 602 | Q.S.C-II | CED 602P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 603 | S.D.D.-II (Steel) | CED 603P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 604 | Project | CED 604P | ... | ... | ... | ... | ... | ... | ... | ... | 08 | 100 | 01 | 200 | 03 | 10 | 10 | 300 |
| 605 | Professional Activities | DE9999 P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | | | | | | | |
| | | | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | | | |
| | TOTAL | | 18 | 30 | 30 | 30 | | 210 | | 12 | 18 | 160 | | 290 | | 16 | 28 | 750 |

Minimum Pass Grade in Theory & Practical 'D'

| | |
|---|---|
| Theory Credits : 12 | Theory Marks : 210 |
| Practical Credits : 16 | Practical Marks : 290 |
| **Total Credits : 28** | Quiz, Mid Term, Lab. Work : 250 |
| | TOTAL : 750 |

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: CIVIL ENGG., ELECTRICAL ENGG.

NAME OF SCHEME : CGPA 2022

INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : FIRST SEMESTER EXAM CODE:

| | | | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | COURSE TITILE | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 101 | APPLIED MECHANICS | DE 1106T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 102 | ENVIORNMENTAL ENGINEERING AND SEFETY | DE 1107T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 103 | INTRODUCTION TO COMPUTERS | DE 1108T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 104 | ENGINEERING DRAWING | DE 1109T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 105 | WORKSHOP PRACTICE | DE 1110P | --- | --- | -- | -- | -- | -- | -- | | 04 | 40 | 01 | 60 | 3 | 02 | 02 | 100 |
| 101 | APPLIED MECHANICS | DE 1106P | --- | --- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 102 | ENVIORNMENTAL ENGINEERING AND SEFETY | DE 1107P | --- | --- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 103 | INTRODUCTION TO COMPUTERS | DE 1108P | --- | --- | -- | -- | -- | -- | -- | -- | 04 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 106 | PROFESSIONAL ACTIVITIES* | DE 9999P | --- | --- | -- | -- | -- | -- | -- | -- | 02 | -- | -- | -- | -- | -- | -- | |
| | TOTAL | --- | 22 | 40 | 40 | 40 | 04 | 280 | | 16 | 14 | 100 | 04 | 150 | | 08 | 24 | 650 |

THERORY CREDITS : 16
PRACTICAL CREDITS : 08
TOTAL CREDITS : 24

THEORY MARKS : 280
PRACTICAL MARKS : 150
QUIZ,MIDTERM, LAB.WORK : 220
TOTAL : 650

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D '

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: CIVIL ENGG. ELECTRICAL ENGG.

INPLEMENTED FROM SESSION : JULY 2022

NAME OF SCHEME : CGPA 2022

SCHEME OF STUDIES AND EXAMINATION FOR : SECOND SEMESTER EXAM CODE

| | COURSE TITILE | PAPER CODE/SUBJECT CODE | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICAL/Viva Per Week | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 201 | COMMUNICATION SKILLS | DE 2101T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 202 | PHYSICS | DE 2102T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 203 | CHEMISTRY | DE 2103T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 204 | MATHEMATICS | DE 2104T | 08 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 202 | PHYSICS | DE 2102P | --- | --- | --- | --- | --- | --- | --- | --- | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 203 | CHEMISTRY | DE 2103P | --- | --- | --- | --- | --- | --- | --- | --- | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 205 | PROFESSIONAL ACTIVITIES* | DE 9999P | --- | --- | --- | --- | --- | --- | --- | --- | 02 | --- | --- | --- | --- | --- | --- | --- |
| | TOTAL | | 26 | 40 | 40 | 40 | 04 | 280 | | 16 | 10 | 40 | 02 | 60 | 06 | 04 | 20 | 500 |

THERORY CREDITS : 16
PRACTICAL CREDITS : 04
TOTAL CREDITS : 20

THEORY MARKS : 280
PRACTICAL MARKS : 60
QUIZ,MIDTERM, LAB.WORK : 160
TOTAL : 500

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D '

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME : COMPUTER SCIENCE & ENGG.

NAME OF SCHEME :CGPA 2022

INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **THIRD SEMESTER** EXAM CODE:

| | COURSE TITILE | PAPER CODE SUBJECT CODE | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICAL Hrs. Per Week | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | PRACTICAL CREDIT | | GRAND TOTAL OF MARKS |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 301 | Computer Architecture | CSD 301 T | 05 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 4 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 302 | Operating System | CSD 302T | 04 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 4 | | | | | | | 04 | 100 |
| 303 | Data Communication | CSD 303T | 05 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 4 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 304 | Data Structure and Algorithms | CSD 304T | 04 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 4 | | | | | | | 04 | 100 |
| 302 | Operating System | CSD 302P | | | | | | | | | 02 | 20 | 01 | 30 | 03hrs | 02 | 02 | 50 |
| 304 | Data Structure and Algorithms | CSD 304P | | | | | | | | | 04 | 20 | 01 | 30 | 03hrs | 02 | 02 | 50 |
| 305 | Programming with C++ | CSD 305P | -- | -- | -- | -- | -- | -- | -- | -- | 06 | 40 | 01 | 60 | 03 hrs | 04 | 04 | 100 |
| 306 | Visual Basic Programming | CSD 306P | -- | -- | -- | -- | -- | -- | -- | -- | 04 | 40 | 01 | 60 | 03 hrs | 02 | 02 | 100 |
| 307 | Professional Activities | DE999 9P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | -- | -- | -- | -- | -- | -- | -- |
| | TOTAL | | 18 | 40 | 40 | 40 | 04 | 280 | | 16 | 18 | 120 | 04 | 180 | | 10 | 26 | 700 |

THERORY CREDITS : 16
PRACTICAL CREDITS : 10
**TOTAL CREDITS : 26**

THEORY MARKS : 280
PRACTICAL MARKS : 180
QUIZ,MIDTERM, LAB.WORK :240
**TOTAL 700**

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# DR.APJ ABDUL KALAM UNIVERSIRY, INDORE
# CREDIT BASED GRADING SYSTEM

PROGRAMME NAME : COMPUTER SCIENCE & ENGG .

NAME OF SCHEME : CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR :**FOURTH SEMESTER** EXAM CODE:

| | COURSE TITILE | PAPER CODE/SUBJECT CODE | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICAL/ Day To Work | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | LAB. WORK QUIZ, ASSIGMENT | | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 401 | Computer Network | CSD 401T | 04 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | … | … | … | … | … | … | 04 | 100 |
| 402 | Database Management System | CSD 402T | 04 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | … | … | … | … | … | … | 04 | 100 |
| 403 | Linux and Shell programming | CSD 403T | 04 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | … | … | … | … | … | … | 04 | 100 |
| 404 | Microprocessor & Interface | CSD 404T | 04 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | … | … | … | … | … | … | 04 | 100 |
| 405 | Optional (Anyone) Entrepreneurship/ Marketing Management | DE 411T/ 412T | 06 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | | | | | | | 04 | 100 |
| 401 | Computer Network | CSD 401P | -- | -- | -- | -- | -- | -- | -- | -- | 04 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 402 | Database Management System | CSD 402P | -- | -- | -- | -- | -- | -- | -- | -- | 04 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 403 | Linux and Shell programming | CSD 403P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 404 | Microprocessor & Interface | CSD 404P | | | | | | | | | 02 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 406 | Industrial Training(2 weeks) | CSD 406P | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 01 | 50 | 3 hrs | 02 | 02 | 50 |
| 407 | Professional Activities | DE 9999P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | --- | --- | --- | --- | --- | --- | --- |
| | | | 22 | 50 | 50 | 50 | 05 | 350 | | 20 | 14 | 80 | 05 | 170 | | 10 | 30 | 750 |

THERORY CREDITS: 20
PRACTICAL CREDITS : 10
**TOTAL CREDITS : 30**

THEORY MARKS : 350
PRACTICAL MARKS : 170
QUIZ,MIDTERM, LAB.WORK :230
**TOTAL :750**

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D

**Note: * For** DE9999P **there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: **THREE YEAR DIPLOMA IN COMPUTER SCIENCE ENGG.**

NAME OF SCHEME :CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **SEMESTER V** EXAM CODE:

| COURSE CODE | COURSE TITILE | | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | | TOTAL CREDIT | TOTAL MARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | NO. TERM/ SEMESTER EVALUATION (NO Hrs.) | | | THEORY CREDIT | | UOUS EVALUATION | NO. TERM/ SEMESTER EVALUATION (NO Hrs.) | | | PRACTICAL CREDIT | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | | | |
| | | | | | I | II | | | | | | | | | | | | | | |
| 501 | Web Technology | CSD 501T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 | | |
| 502 | Java Programming | CSD 502T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 | | |
| 503 | Hardware Installation and Maintenance | CSD 503T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 | | |
| 504 | Software Engineering | CSD 504T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | -- | --- | --- | 04 | 100 | | |
| 505 | Optional (Anyone) Wireless Communication and Mobile Computing / Theory of Computation | CSD 511T/ 512T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 | | |
| 501 | Web Technology | CSD 501P | … | … | … | … | … | … | … | … | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 | | |
| 502 | Java Programming | CSD 502P | … | … | … | … | … | … | … | … | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 | | |
| 503 | Hardware Installation and Maintenance | CSD 503P | … | … | … | … | … | … | … | … | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 | | |
| 506 | Professional Activities | DE9999 P | … | … | … | … | … | … | … | … | 02 | … | … | … | … | … | … | … | | |
| | TOTAL | | 20 | 50 | 50 | 50 | | 350 | | 20 | 14 | 60 | | 90 | | 06 | 26 | 650 | | |

Minimum Pass Grade in Theory & Practical 'D'

| | |
|---|---|
| Theory Credits : 20<br>Practical Credits : 06<br>**Total Credits : 26** | Theory Marks : 350<br>Practical Marks : 90<br>Quiz, Mid Term, Lab. Work : 210<br>TOTAL : 650 |

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: **THREE YEAR DIPLOMA IN COMPUTER SCIENCE ENGG.**

NAME OF SCHEME :CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **SEMESTER VI** EXAM CODE:

| | COURSE TITILE | PAPER CODE/SUBJECT CODE | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICAL CREDITS | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 601 | Computer Graphics, Multimedia & Animation | CSD 601T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 602 | Optional(Anyone)<br>Dot Net Technologies<br>Network Security and Management<br>Advanced Web Technology | CSD 611T/ 612T/ 613T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 603 | Optional (Anyone)<br>Data mining & warehousing<br>Artificial Intelligence & Expert System (AI & ES) | CSD 621T 622T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 601 | Computer Graphics, Multimedia & Animation | CSD 601P | … | … | … | … | … | … | … | … | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 602 | Optional(Anyone)<br>Dot Net Technologies<br>Network Security and Management<br>Advanced Web Technology | CSD 611P/ 612P/ 613P | … | … | … | … | … | … | … | … | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 603 | Optional (Anyone)<br>Data mining & warehousing<br>Artificial Intelligence & Expert System (AI & ES) | CSD 621P 622P | … | … | … | … | … | … | … | … | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 604 | Project | CSD 604P | … | … | … | … | … | … | … | … | 06 | 100 | | 200 | 03 | 10 | 10 | 300 |
| 605 | Professional Activities | DE9999 P | … | … | … | … | … | … | … | … | 02 | | | | | | | |
| | TOTAL | | 12 | 30 | 30 | 30 | | 210 | | 12 | 20 | 160 | | 290 | | 16 | 28 | 750 |

Theory Credits : 12
Practical Credits : 16
**Total Credits : 28**

Theory Marks : 210
Practical Marks : 290
Quiz, Mid Term, Lab. Work : 250
**Total : 750**

Minimum Pass Grade in Theory & Practical 'D'

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME : COMPUTER SCIENCE & ENGG.

INPLEMENTED FROM SESSION : JULY 2022

NAME OF SCHEME :CGPA 2022

SCHEME OF STUDIES AND EXAMINATION FOR : FIRST SEMESTER EXAM CODE:

| | COURSE TITILE | PAPERCODE/SUBJECTCODE | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICAL | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | PRACTICAL CREDIT | | GRANDTOTALOFMARKS |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 101 | COMMUNICATION SKILLS | DE 1101T | 06 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 102 | PHYSICS | DE 1102T | 06 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 103 | MATHEMATICS | DE 1104T | 08 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 104 | COMPUTER FUNDAMENTALS & ITS APPLICATION | DE 1105T | 06 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 102 | PHYSICS | DE 1102P | -- | -- | -- | -- | -- | -- | -- | -- | 04 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 104 | COMPUTER FUNDAMENTALS & ITS APPLICATION | DE 1105P | -- | -- | -- | -- | -- | -- | -- | -- | 04 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 105 | PROFESSIONAL ACTIVITIES * | DE 9999P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | -- | -- | -- | -- | -- | -- | -- |
| | TOTAL | | 26 | 40 | 40 | 40 | 04 | 280 | | 16 | 10 | 40 | 02 | 60 | | 04 | 20 | 500 |

THERORY CREDITS : 16
PRACTICAL CREDITS : 08
TOTAL CREDITS : 24

THEORY MARKS : 280
PRACTICAL MARKS : 150
QUIZ,MIDTERM, LAB.WORK :220
TOTAL 500

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME : COMPUTER SCIENCE & ENGG .

NAME OF SCHEME : CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : SECOND SEMESTER EXAM CODE:

| | COURSE TITILE | PAPERCODE/SUBJECTCODE | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICALS vs. PerWeek | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | LAB. WORK QUIZ, ASSIGMENT | | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 201 | PROGRAMMING IN C | DE 2111T | 05 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | … | … | … | … | … | … | 04 | 100 |
| 202 | ENVIROMENT ENGG. & SAFETY | DE 2107T | 06 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | … | … | … | … | … | … | 04 | 100 |
| 203 | DIGITAL TECHNIQUES | DE 2112T | 04 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | … | … | … | … | … | … | 04 | 100 |
| 204 | BASICS OF ELECTRICAL ELECTRONICS & MEASUREMENT | DE 2113T | 06 | 10 | 10 | 10 | 01 | 70 | 3 hrs | 04 | … | … | … | … | … | … | 04 | 100 |
| 201 | PROGRAMMING IN C | DE 2111P | -- | -- | -- | -- | -- | -- | -- | -- | 04 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 202 | ENVIROMENT ENGG. & SAFETY | DE 2107P | -- | -- | -- | -- | -- | -- | -- | -- | 04 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 203 | DIGITAL TECHNIQUES | DE 2112P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 204 | BASICS OF ELECTRICAL ELECTRONICS & MEASUREMENT | DE 2113P | -- | -- | -- | -- | -- | -- | -- | -- | 04 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 205 | ELECTRONICS WORKSHOP | DE 2114P | -- | -- | -- | -- | -- | -- | -- | -- | 04 | 40 | 01 | 60 | 3 hrs | 02 | 02 | 100 |
| 206 | PROFESSIONAL ACTIVITIES * | DE 9999P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | --- | --- | --- | --- | --- | --- | --- |
| | | | 21 | 40 | 40 | 40 | 04 | 280 | | 16 | 16 | 120 | 05 | 180 | | 10 | 26 | 700 |

THERORY CREDITS : 16
PRACTICAL CREDITS : 08
TOTAL CREDITS : 24

THEORY MARKS : 280
PRACTICAL MARKS : 150
QUIZ,MIDTERM, LAB.WORK :220
TOTAL :700

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: ELECTRICAL ENGG.

NAME OF SCHEME : CGPA 2022

INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **THIRD SEMESTER** EXAM CODE:

| | COURSE TITILE | PAPER CODE/SUBJECT CODE | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICAL HRS/WEEK | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 301 | BASIC ELECTRICAL ENGG. & MATERIALS | EED301T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 302 | ELECTRICAL CIRCUITS | EED302T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 303 | ELECTRICAL MACHINES – I | EED303T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 304 | ELECT. & ELECTRONICS MEASUREMENT AND MEASURING INSTRUMENTS | EED304T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 305 | BASIC ELECTRONICS | EED305T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 301 | BASIC ELECTRICAL ENGG. & MATERIALS | EED301P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 302 | ELECTRICAL CIRCUITS | EED302P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 303 | ELECTRICAL MACHINES – I | EED303P | -- | -- | -- | -- | -- | -- | -- | -- | 04 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 304 | ELECT. & ELECTRONICS MEASUREMENT AND MEASURING INSTRUMENTS | EED304P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 305 | BASIC ELECTRONICS | EED305P | --- | --- | -- | -- | -- | -- | -- | -- | 04 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 306 | PROFESSIONAL ACTIVITIES* | DE9999P | --- | --- | -- | -- | -- | -- | -- | -- | 02 | -- | -- | -- | --- | -- | -- | -- |
| | **TOTAL** | | **20** | **50** | **50** | **50** | **05** | **350** | | **20** | **16** | **100** | **05** | **150** | | **10** | **30** | **750** |

THERORY CREDITS : 20
PRACTICAL CREDITS : 10
TOTAL CREDITS : 30

THEORY MARKS : 350
PRACTICAL MARKS : 150
QUIZ,MIDTERM, LAB.WORK : 250
TOTAL : 750

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D '

**Note: * For** DE9999P **there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: ELECTRICAL ENGG.

NAME OF SCHEME : CGPA 2022

INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR :**FOURTH SEMESTER** EXAM CODE:

| | COURSE TITILE | PAPER CODE/ SUBJECT CODE | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICAL Labs/ Per Week | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | GRAND TOTAL MARKS |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 401 | ELECTRICAL MACHINE-II | EED401T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 402 | GENERAL MECHANICAL ENGG. | EED402T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 403 | ELECTRICAL ENGG. DRAWING | EED403T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 404 | GENERATION,TRANSMISSION AND DISTRIBUTION | EED404T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 405 | Optional (Any One)ENTREPRENEURSHIP / MARKETING MANAGEMENT | DE411T/ DE412T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 401 | ELECTRICAL MACHINE-II | EED401P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 402 | GENERAL MECHANICAL ENGG. | EED 402P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 403 | ELECTRICAL ENGG. DRAWING | EED403P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 404 | GENERATION,TRANSMISSION AND DISTRIBUTION | EED404P | -- | -- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 406 | PROFESSIONAL ACTIVITIES* | DE9999P | --- | --- | -- | -- | -- | -- | -- | -- | 02 | -- | -- | -- | --- | -- | -- | -- |
| | **TOTAL** | | **26** | **50** | **50** | **50** | **05** | **350** | | **20** | **10** | **80** | **05** | **120** | | **80** | **28** | **700** |

THERORY CREDITS : 20
PRACTICAL CREDITS : 08
TOTAL CREDITS : 30

THEORY MARKS : 350
PRACTICAL MARKS : 120
QUIZ,MIDTERM, LAB.WORK : 230
TOTAL : 700

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D '

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: **THREE YEAR DIPLOMA IN ELECTRICAL ENGG**

NAME OF SCHEME :CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **SEMESTER V** EXAM CODE:

| COURSE CODE | COURSE TITILE | PAPER CODE/SUBJECT | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | TOTAL CREDIT | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | NO. | TERM/ SEMESTER EVALUATION | | THEORY CREDIT | | CONTINUOUS EVALUATION | NO. | TERM/ SEMESTER EVALUATION | | PRACTICAL CREDIT | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 501 | INSTRUMENTATION | EED 501T | 05 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 502 | POWER SYSTEM OPERATION & PROTECTION | EED 502T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 503 | POWER ELECTRONICS & APPLICATION | EED 503T | 05 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 504 | UTILIZATION OF ELECTRICAL POWER | EED 504T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | -- | --- | --- | 04 | 100 |
| 505 | ESTIMATING & COSTING | EED 505T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 501 | INSTRUMENTATION | EED 501P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 502 | POWER SYSTEM OPERATION & PROTECTION | EED 502P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 503 | POWER ELECTRONICS & APPLICATION | EED 503P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 504 | UTILIZATION OF ELECTRICAL POWER | EED 504P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 506 | PROFESSIONAL ACTIVITIES | DE9999P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | ... | ... | ... | ... | ... | ... | ... |
| | TOTAL | | 26 | 50 | 50 | 50 | | 350 | | 20 | 10 | 80 | | 120 | | 08 | 28 | 700 |

Minimum Pass Grade in Theory & Practical 'D'

| | |
|---|---|
| Theory Credits : 20 | Theory Marks : 350 |
| Practical Credits : 08 | Practical Marks : 120 |
| **Total Credits : 28** | Quiz, Mid Term, Lab. Work : 230 |
| | TOTAL :700 |

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: **THREE YEAR DIPLOMA IN** ELECTRICAL ENGG

NAME OF SCHEME :CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **SEMESTER VI** EXAM CODE:

| COURSE CODE | COURSE TITILE | PAPER CODE/SUBJECT | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | TOTAL CREDIT | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | NO. END OF THE TERM/ SEMESTER EVALUATION | | | THEORY CREDIT | | CONTINUOUS EVALUATION | NO. TERM/ SEMESTER EVALUATION (Hrs.) | | | PRACTICAL CREDIT | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 601 | ENERGY CONSERVATION AND MANAGEMENT | EED 601T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 602 | INSTALLATION, MAINTENANCE AND TESTING | EED 602T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 603 | ELECTRIC TRACTION / PROGRAMMABLE LOGIC CONTROLLER | EED 611T/ 612T | 06 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 602 | INSTALLATION, MAINTENANCE AND TESTING | EED 602P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | 20 | 01 | 30 | 03 | 03 | 02 | 50 |
| 603 | ELECTRIC TRACTION / PROGRAMMABLE LOGIC CONTROLLER | EED 611P/ 612P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | 20 | 01 | 30 | 03 | 03 | 02 | 50 |
| 604 | PROJECT | EED 604P | ... | ... | ... | ... | ... | ... | ... | ... | 12 | 100 | 01 | 30 | 200 | 03 | 12 | 300 |
| 605 | PROFESSIONAL ACTIVITIES | DE9999 P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | ... | ... | ... | ... | ... | ... | ... |
| | TOTAL | | 24 | 30 | 30 | 30 | | 210 | | 12 | 18 | 140 | | 120 | | 08 | 26 | 700 |

Minimum Pass Grade in Theory & Practical 'D'

Theory Credits : 12
Practical Credits :14
**Total Credits : 26**

Theory Marks : 210
Practical Marks : 260
Quiz, Mid Term, Lab. Work : 230
**Total : 700**

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME : MECHANICAL ENGINEERING

NAME OF SCHEME : CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **THIRD SEMESTER** EXAM CODE:

| | COURSE TITILE | PAPER CODE SUBJECT CODE | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS T EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICAL CODE | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMEN | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 301 | Material Technology | MED 301T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 302 | Manufacturing Processes | MED 302T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 303 | Basic Electrical & Electronics | MED 303T | 03 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 304 | Mechanical Drafting & Auto CAD | MED 304T | 02 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 305 | Strength of Material | MED 305T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 301 | Material Technology | MED 301P | --- | --- | --- | --- | --- | --- | --- | --- | 03 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 302 | Manufacturing Processes | MED 302P | --- | --- | --- | --- | --- | --- | --- | --- | 04 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 303 | Basic Electrical & Electronics | MED 303P | --- | --- | --- | --- | --- | --- | --- | --- | 02 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 304 | Mechanical Drafting & Auto CAD | MED 304P | --- | --- | --- | --- | --- | --- | --- | --- | 06 | --- | --- | --- | --- | --- | --- | ..... |
| 305 | Strength of Material | MED 305P | --- | --- | --- | --- | --- | --- | --- | --- | 02 | 20 | 01 | 30 | 3 hrs | 02 | 02 | 50 |
| 306 | PROFESSIONAL ACTIVITIES* | DE999 9P | --- | --- | --- | --- | --- | --- | --- | --- | 02 | --- | --- | --- | --- | --- | --- | --- |
| | TOTAL | | 17 | 50 | 50 | 50 | | 350 | 15 | 20 | 19 | 80 | | 120 | 12 hrs | 08 | 28 | 700 |

THERORY CREDITS : 20
PRACTICAL CREDITS : 08
**TOTAL CREDITS : 28**

THEORY MARKS : 350
PRACTICAL MARKS : 120
QUIZ,MIDTERM, LAB.WORK : 230
**TOTAL : 700**

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D '

**Note: * For Professional activity there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME : , MECHANICAL ENGG.

NAME OF SCHEME : CGPA 2022 INPLEMENTED FROM SESSION : Jan 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **FOURTH SEMESTER** EXAM CODE:

| | COURSE TITILE | | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | PRACTICAL | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGM | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 401 | FLUID MECHANICS & HYDRAULIC MACHINES | MED 401T | 05 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 402 | THERMAL ENGINEERING | MED 402T | 05 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 403 | THEORY OF MACHINES | MED 403T | 05 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 404 | INDUSTRIAL MANAGEMENT | MED 404T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 405 | OPTIONAL [ANY ONE] ENTREPRENEURSHIP\ MARKETING MANAGEMENT | DE 411T/ 412T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | | | | | | | 04 | 100 |
| 401 | FLUID MECHANICS & HYDRAULIC MACHINES | MED 401P | -- | -- | -- | -- | -- | -- | -- | | 03 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 402 | THERMAL ENGINEERING | MED 402P | -- | -- | -- | -- | -- | -- | -- | | 03 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 403 | THEORY OF MACHINES | MED 403P | -- | -- | -- | -- | -- | -- | -- | | 03 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 406 | PROFESSIONAL ACTIVITIES* | DE 9999P | --- | --- | -- | -- | -- | -- | -- | -- | 02 | --- | -- | -- | -- | -- | -- | -- |
| | TOTAL | ..... | 25 | 50 | 50 | 50 | 05 | 350 | 15 | 20 | 11 | 60 | 04 | 90 | 9 | 08 | 26 | 650 |

THERORY CREDITS : 20
PRACTICAL CREDITS : 06
**TOTAL CREDITS : 26**

THEORY MARKS : 350
PRACTICAL MARKS : 90
QUIZ,MIDTERM, LAB.WORK : 210
**TOTAL : 650**

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D '

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: **THREE YEAR DIPLOMA MECHANICAL ENGG.**

NAME OF SCHEME :CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **SEMESTER V** EXAM CODE:

| COURSE CODE | COURSE TITILE | | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | NO. TERM/ SEMESTER EVALUATION (Hrs.) | | | THEORY CREDIT | | UOUS EVALUATION | NO. TERM/ SEMESTER EVALUATION (Hrs.) | | | | TOTAL CREDIT | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 501 | Process Planning, Estimating & costing | MED 501 | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 502 | Machine Tool Technology | MED 502 | 03 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 503 | Engineering Measurements and Maintenance Practices | MED 503 | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 504 | Modern Practices in Manufacturing and Management | MED 504 | 03 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | -- | --- | --- | 04 | 100 |
| 505 | Industrial Engineering | MED 505 | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 502 | Machine Tool Technology | MED 502 | … | … | … | … | … | … | … | … | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 503 | Engineering Measurements and Maintenance Practices | MED 503 | … | … | … | … | … | … | … | … | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 504 | Modern Practices in Manufacturing and Management | MED 504 | … | … | … | … | … | … | … | … | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 505 | Industrial Engineering | MED 505 | … | … | … | … | … | … | … | … | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 506 | Professional Activities | DE9999 P | … | … | … | … | … | … | … | … | 02 | … | … | … | … | … | … | … |
| | TOTAL | | 18 | 50 | 50 | 50 | | 350 | | 20 | 18 | 80 | | 120 | | 08 | 28 | 700 |

Minimum Pass Grade in Theory & Practical 'D'

| | |
|---|---|
| Theory Credits : 20 | Theory Marks : 350 |
| Practical Credits : 08 | Practical Marks : 120 |
| **Total Credits : 28** | Quiz, Mid Term, Lab. Work : 230 |
| | **Total : 700** |

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: **THREE YEAR DIPLOMA IN MECHANICAL ENGG.**

NAME OF SCHEME :CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **SEMESTER VI** EXAM CODE:

| COURSE CODE | COURSE TITILE | | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | NO. TERM/ SEMESTER EVALUATION (No Hrs.) | | | THEORY CREDIT | | UOUS EVALUATION | NO. TERM/ SEMESTER EVALUATION (No Hrs.) | | | PRACTICAL CREDIT | TOTAL CREDIT | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 601 | Design of Machine Elements | MED 601T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 602 | Optional (any one)<br>Automobile Engineering<br>CAD/CAM | MED 611T/ 612T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 05 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 603 | Optional (any one)<br>Refrigeration and Air Conditioning<br>Power Plant Engineering | MED 621T/ 622T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 05 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 602 | Optional (any one)<br>Automobile Engineering<br>CAD/CAM | MED 611P/ 612P | ... | ... | ... | ... | ... | ... | ... | ... | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 603 | Optional (any one)<br>Refrigeration and Air Conditioning<br>Power Plant Engineering | MED 621P/ 622P | ... | ... | ... | ... | ... | ... | ... | ... | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 604 | Project | MED 604P | ... | ... | ... | ... | ... | ... | ... | ... | 14 | 100 | | 200 | 03 | 12 | 12 | 300 |
| 605 | Professional Activity | DE9999 P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | ... | ... | ... | ... | ... | ... | ... |
| | TOTAL | | 12 | 30 | 30 | 30 | | 210 | | 14 | 24 | 140 | | 260 | | 16 | 30 | 700 |

Minimum Pass Grade in Theory & Practical 'D'

| | |
|---|---|
| Theory Credits : 14 | Theory Marks : 210 |
| Practical Credits : 16 | Practical Marks : 260 |
| **Total Credits : 30** | Quiz, Mid Term, Lab. Work : 230 |
| | **Total : 700** |

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Syllabus for Diploma Electronics And Telecommunication, Mechanical Engineering

## List of Subject (First Year, 1st Sem)


| S. No. | Subject Code | Subject name | Page No. |
|---|---|---|---|
| 1 | DE 1101 | COMMUNICATION SKILLS | 3 |
| 2 | DE 1102 | PHYSICS | 5 |
| 3 | DE 1103 | CHEMISTRY | 7 |
| 4 | DE 1104 | MATHMETICS | 10 |
| 5 | DE 9999 | PROFESSIONAL ACTIVITIES | 11 |

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME : ELECTRONICS & TELECOMMUNICATION, MECHANICAL ENGG.

INPLEMENTED FROM SESSION : JULY 2022

NAME OF SCHEME : CGPA 2022

SCHEME OF STUDIES AND EXAMINATION FOR : SECOND SEMESTER EXAM CODE:

| | COURSE TITILE | | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | END OF THE TERM/ SEMESTER EVALUATION | | | | | CONTINUOUS EVALUATION | END OF THE TERM/ SEMESTER EVALUATION | | | | | |
| | | | | | MID TERM TEST (TWO) | | THEORY PAPER | | | | | | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | I | II | | | | | | LAB. WORK QUIZ, ASSIGM | | | | | | |
| 201 | APPLIED MECHANICS | DE 2106T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 202 | ENVIORNMENTAL ENGINEERING AND SEFETY | DE 2107T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 203 | INTRODUCTION TO COMPUTERS | DE 2108T | 04 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 204 | ENGINEERING DRAWING | DE 2109T | 06 | 10 | 10 | 10 | 01 | 70 | 3 | 04 | -- | -- | -- | -- | -- | -- | 04 | 100 |
| 201 | APPLIED MECHANICS | DE 2106P | --- | --- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 202 | ENVIORNMENTAL ENGINEERING AND SEFETY | DE 2107P | --- | --- | -- | -- | -- | -- | -- | -- | 02 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 203 | INTRODUCTION TO COMPUTERS | DE 2108P | --- | --- | -- | -- | -- | -- | -- | -- | 04 | 20 | 01 | 30 | 3 | 02 | 02 | 50 |
| 205 | WORKSHOP PRACTICE | DE 2110P | --- | --- | -- | -- | -- | -- | -- | -- | 04 | 40 | 01 | 60 | 3 | 02 | 02 | 100 |
| 206 | PROFESSIONAL ACTIVITIES* | DE 9999P | --- | --- | -- | -- | -- | -- | -- | -- | 02 | --- | -- | -- | -- | -- | -- | -- |
| | TOTAL | --- | 22 | 40 | 40 | 40 | 04 | 280 | | 16 | 14 | 100 | 04 | 150 | | 08 | 24 | 650 |

THERORY CREDITS : 16
PRACTICAL CREDITS : 08
TOTAL CREDITS : 24

THEORY MARKS : 280
PRACTICAL MARKS : 150
QUIZ,MIDTERM, LAB.WORK : 220
TOTAL : 650

MINIMUM PASS GRADE IN THEORY & PRACTICAL ' D '

**Note: * For DE9999P there will be no examination and grading will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

## CREDIT BASED GRADING SYSTEM

PROGRAMME NAME: **THREE YEAR DIPLOMA IN** CIVIL ENGG., ELECTRICAL ENGG., MECHANICAL ENGG., ELECTRONICS & TELECOMM.

NAME OF SCHEME :CGPA 2022 INPLEMENTED FROM SESSION : JULY 2022

SCHEME OF STUDIES AND EXAMINATION FOR : **LATERAL ENTRY STUDENTS FROM ITI(Remedial Courses)** EXAM CODE:

| COURSE CODE | COURSE TITILE | | THEORY COMPONENT | | | | | | | | PRACTICAL COMPONENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LECTURES | CONTINUOUS EVALUATION | | | NO. TERM/ SEMESTER EVALUATION (Hrs.) | | | | | CONTINUOUS EVALUATION | NO. TERM/ SEMESTER EVALUATION (Hrs.) | | | | | |
| | | | Hrs. PER WEEK | TERM WORK QUIZ, ASSIGNMENT | MID TERM TEST (TWO) | | THEORY PAPER | | | | | LAB. WORK QUIZ, ASSIGMENT | PRACTICAL /ORAL EXAMINATION (VIVA) | | | | | |
| | | | | | I | II | | | | | | | | | | | | |
| 101 | COMMUNICATION SKILLS | DE 1101T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 102 | PHYSICS | DE 1102T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 103 | CHEMISTRY | DE 1103T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 104 | MATHEMATICS | DE 1104T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | -- | --- | --- | 04 | 100 |
| 105 | APPLIED MECHANICS | DE 1106T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 106 | ENVIROLMENT ENGINEERING & SAFETY | DE 1107T | 04 | 10 | 10 | 10 | 01 | 70 | 03 | 04 | --- | --- | --- | --- | --- | --- | 04 | 100 |
| 102 | PHYSICS | DE 1102P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 103 | CHEMISTRY | DE 1103P | ... | ... | ... | ... | ... | ... | ... | ... | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 105 | APPLIED MECHANICS | DE 1106P | ... | ... | ... | ... | ... | ... | ... | ... | 04 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| 106 | ENVIROLMENT ENGINEERING & SAFETY | DE 1107P | ... | ... | ... | ... | ... | ... | ... | ... | 02 | 20 | 01 | 30 | 03 | 02 | 02 | 50 |
| | TOTAL | | 24 | 60 | 60 | 60 | | 420 | | 24 | 12 | 80 | | 120 | | 08 | 32 | 800 |

Minimum Pass Grade in Theory & Practical 'D'

| | | | |
|---|---|---|---|
| Theory Credits | : 20 | Theory Marks | : 420 |
| Practical Credits | : 06 | Practical Marks | : 120 |
| **Total Credits** | **: 26** | Quiz, Mid Term, Lab. Work | : 260 |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## ISemester(GroupA) BachelorofTechnology(B.Tech.)

### GROUPA: (CS,IT,EE,EX,EI,FT,AT,MI,BT,&BM)

| S. No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. | Quiz/ Assignment | End Sem. | Labwork &Sessional | | L | T | P | |
| MandatoryInductionProgram(Firstthreeweeks) | | | | PhysicalActivity,CreativeArts,UniversalHuman Values,Literary,ProficiencyModules,LecturesbyEminentPeople, VisitstolocalAreas,FamiliarizationtoDept./Branch&Innovations | | | | | | | | | |
| Fourthweekonwards classeswillstart | | | | | | | | | | | | | |
| 1. | **BT101** | BSC-1 | **EngineeringChemistry** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 2. | **BT102** | BSC-2 | **Mathematics-I** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT103** | HSMC-1 | **English for Communication** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT104** | ESC-1 | **Basic Electrical &ElectronicsEngineering** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 5. | **BT105** | ESC-2 | **EngineeringGraphics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 6. | **BT106** | ESC-3 | **ManufacturingPractices** | - | - | - | 15 | 10 | 25 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringorattheendofthesecondsemester.Itsevaluation/credittobeaddedinthird semester.** | | | | | | | | | |
| 8. | **BT108** | DLC-2 | SwachhBharatSummerInternshipUnnat Bharat Abhiyan (100Hrs)/Rural Outreach | | | | 15 | 10 | 25 | - | - | 4 | 2 |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **13** | **1** | **14** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## IISemester(GroupA) BachelorofTechnology(B.Tech.)

### GROUPA: (CS,IT,EE,EX,EI,FT,AT,MI,BT,&BM)

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TheorySlot | | | PracticalSlot | | | | | | |
| | | | | End Sem. | Mid Sem Exam. | Quiz/ Assignment | End Sem. | Labwork &Sessional | | L | T | P | |
| 1. | **BT201** | BSC-3 | **EngineeringPhysics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | **BT202** | BSC-4 | **Mathematics-II** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT203** | ESC-4 | **BasicMechanical Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT204** | ESC-5 | **BasicCivilEngineering &Mechanics** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5. | **BT205** | ESC-6 | **BasicComputer Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6. | **BT206** | HSMC-2 | **LanguageLab& Seminars** | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringfirst/secondsemester.Itsevaluation/credittobeaddedinthirdsemester.** | | | | | | | | | |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **14** | **2** | **10** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

**ISemester(GroupB)** **BachelorofTechnology(B.Tech.)**

## GROUPB:(AU,ME,IP, CE,IEM,TX,EC, &CM)

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TheorySlot | | | PracticalSlot | | | | | | |
| | | | | End Sem. | Mid Sem Exam. | Quiz/ Assignment | End Sem. | Labwork & Sessional | | L | T | P | |
| MandatoryInductionProgram(Firstthreeweeks) | | | | PhysicalActivity,CreativeArts,UniversalHuman Values,Literary,ProficiencyModules,LecturesbyEminentPeople, VisitstolocalAreas,FamiliarizationtoDept./Branch&Innovations | | | | | | | | | |
| Fourthweekonwards classeswillstart | | | | | | | | | | | | | |
| 1. | **BT201** | BSC-3 | **EngineeringPhysics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | **BT102** | BSC-2 | **Mathematics-I** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT203** | ESC-4 | **BasicMechanical Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT204** | ESC-5 | **BasicCivilEngineering &Mechanics** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5. | **BT205** | ESC-6 | **BasicComputer Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6. | **BT206** | HSMC-2 | **LanguageLab& Seminars** | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringfirst/secondsemester.Itsevaluation/credittobeaddedinthirdsemester.** | | | | | | | | | |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **14** | **2** | **10** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

**IISemester(GroupB)** **BachelorofTechnology(B.Tech.)**

## GROUPB:(AU,ME,IP, CE,IEM,TX,EC, &CM)

| S. No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. | Quiz/ Assignment | End Sem. | Labwork & Sessional | | L | T | P | |
| 1. | **BT101** | BSC-1 | **EngineeringChemistry** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 2. | **BT202** | BSC-4 | **Mathematics-II** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT103** | HSMC-1 | **English for Communication** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT104** | ESC-1 | **Basic Electrical &ElectronicsEngineering** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 5. | **BT105** | ESC-2 | **EngineeringGraphics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 6. | **BT106** | ESC-3 | **ManufacturingPractices** | - | - | - | 15 | 10 | 25 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringorattheendofthesecondsemester.Itsevaluation/credittobeaddedinthird semester.** | | | | | | | | | |
| 8. | **BT108** | DLC-2 | SwachhBharatSummerInternship UnnatBharatAbhiyan(100Hrs)/Rural Outreach | | | | **15** | **10** | **25** | **-** | **-** | **4** | **2** |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **13** | **1** | **14** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## ISemester(GroupA) BachelorofTechnology(B.Tech.)

***W.E.F.JULY2022***

## GROUPA: (CS,IT,EE,EX,EI,FT,AT,MI,BT,&BM)

| S. No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. | Quiz/ Assignment | End Sem. | Labwork &Sessional | | L | T | P | |
| MandatoryInductionProgram(Firstthreeweeks) | | | | PhysicalActivity,CreativeArts,UniversalHuman Values,Literary,ProficiencyModules,LecturesbyEminentPeople, VisitstolocalAreas,FamiliarizationtoDept./Branch&Innovations | | | | | | | | | |
| Fourthweekonwards classeswillstart | | | | | | | | | | | | | |
| 1. | **BT101** | BSC-1 | **EngineeringChemistry** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 2. | **BT102** | BSC-2 | **Mathematics-I** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT103** | HSMC-1 | **English for Communication** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT104** | ESC-1 | **Basic Electrical &ElectronicsEngineering** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 5. | **BT105** | ESC-2 | **EngineeringGraphics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 6. | **BT106** | ESC-3 | **ManufacturingPractices** | - | - | - | 15 | 10 | 25 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringorattheendofthesecondsemester.Itsevaluation/credittobeaddedinthird semester.** | | | | | | | | | |
| 8. | **BT108** | DLC-2 | SwachhBharatSummerInternshipUnnat Bharat Abhiyan (100Hrs)/Rural Outreach | | | | 15 | 10 | 25 | - | - | 4 | 2 |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **13** | **1** | **14** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## IISemester(GroupA) BachelorofTechnology(B.Tech.)

***W.E.F.JULY2022***

## GROUPA: (CS,IT,EE,EX,EI,FT,AT,MI,BT,&BM)

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TheorySlot | | | PracticalSlot | | | | | | |
| | | | | End Sem. | Mid Sem Exam. | Quiz/ Assignment | End Sem. | Labwork &Sessional | | L | T | P | |
| 1. | **BT201** | BSC-3 | **EngineeringPhysics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | **BT202** | BSC-4 | **Mathematics-II** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT203** | ESC-4 | **BasicMechanical Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT204** | ESC-5 | **BasicCivilEngineering &Mechanics** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5. | **BT205** | ESC-6 | **BasicComputer Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6. | **BT206** | HSMC-2 | **LanguageLab& Seminars** | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringfirst/secondsemester.Itsevaluation/credittobeaddedinthirdsemester.** | | | | | | | | | |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **14** | **2** | **10** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## ISemester(GroupB) BachelorofTechnology(B.Tech.)

***W.E.F.JULY2022***

## GROUPB:(AU,ME,IP, CE,IEM,TX,EC, &CM)

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TheorySlot | | | PracticalSlot | | | | | | |
| | | | | End Sem. | Mid Sem Exam. | Quiz/ Assignment | End Sem. | Labwork & Sessional | | L | T | P | |
| MandatoryInductionProgram(Firstthreeweeks) | | | | PhysicalActivity,CreativeArts,UniversalHuman Values,Literary,ProficiencyModules,LecturesbyEminentPeople, VisitstolocalAreas,FamiliarizationtoDept./Branch&Innovations | | | | | | | | | |
| Fourthweekonwards classeswillstart | | | | | | | | | | | | | |
| 1. | **BT201** | BSC-3 | **EngineeringPhysics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | **BT102** | BSC-2 | **Mathematics-I** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT203** | ESC-4 | **BasicMechanical Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT204** | ESC-5 | **BasicCivilEngineering &Mechanics** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5. | **BT205** | ESC-6 | **BasicComputer Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6. | **BT206** | HSMC-2 | **LanguageLab& Seminars** | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringfirst/secondsemester.Itsevaluation/credittobeaddedinthirdsemester.** | | | | | | | | | |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **14** | **2** | **10** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## II Semester(GroupB) BachelorofTechnology(B.Tech.)

***W.E.F.JULY2022***

## GROUPB:(AU,ME,IP, CE,IEM,TX,EC, &CM)

| S. No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. | Quiz/ Assignment | End Sem. | Labwork & Sessional | | L | T | P | |
| 1. | **BT101** | BSC-1 | **EngineeringChemistry** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 2. | **BT202** | BSC-4 | **Mathematics-II** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT103** | HSMC-1 | **English for Communication** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT104** | ESC-1 | **Basic Electrical &ElectronicsEngineering** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 5. | **BT105** | ESC-2 | **EngineeringGraphics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 6. | **BT106** | ESC-3 | **ManufacturingPractices** | - | - | - | 15 | 10 | 25 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringorattheendofthesecondsemester.Itsevaluation/credittobeaddedinthird semester.** | | | | | | | | | |
| 8. | **BT108** | DLC-2 | SwachhBharatSummerInternship UnnatBharatAbhiyan(100Hrs)/Rural Outreach | | | | **15** | **10** | **25** | **-** | **-** | **4** | **2** |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **13** | **1** | **14** | **21** |

| | | |
|---|---|---|
| 1HrLecture | 1Hr Tutorial | 2HrPractical |
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti Global University, Shivpuri

## New Scheme of Examination as per AICTE Flexible Curricula

## III Semester Bachelor of Technology (B.Tech.) [Electronics Engineering]

| S.No. | Subject Code | Category | Subject Name | Maximum Marks Allotted | | | | | Total Marks | Contact Hours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Term work / Lab Work & Sessional | | L | T | P | |
| 1. | BT301 | BSC-5 | Mathematics-III | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 2. | EC302 | DC-1 | Electronic Measurement & Instrumentation | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | EC303 | DC-2 | Digital System Design | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | EC304 | DC-3 | Electronic Devices | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5. | EC305 | DC-4 | Network Analysis | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6. | EC306 | DLC-3 | EMI Lab | - | - | - | 30 | 20 | 50 | - | - | 4 | 2 |
| 7. | BT107 | DLC-1 | Evaluation of Internship-I completed at I year level | - | - | - | - | 50 | 50 | | | 4 | 2 |
| 8. | BT307 | DLC-4 | 90 hrs Internship based on using various software's –Internship -II | To be completed anytime during Third/ fourth semester. Its evaluation/credit to be added in fifth semester. | | | | | | | | | |
| | | | Total | 350 | 100 | 50 | 120 | 130 | 750 | 15 | 2 | 14 | 24 |
| 9. | BT308 | MC | Indian Constitution | Non-credit course | | | | | | | | | |
| | NC301 | | NSS/NCC | | | | | | | | | | |

*Students can earn additional credits from the University recognized MOOC courses.

| 1 Hr Lecture | 1 Hr Tutorial | 2 Hr Practical |
|---|---|---|
| 1 Credit | **1 Credit** | **1 Credit** |

# Dr. Preeti Global University, Shivpuri

## Scheme of Examination as per AICTE Flexible Curricula

## IV Semester Bachelor of Technology (B.Tech.) [Electronics Engineering]

| S. No. | Subject Code | Category | Subject Name | Maximum Marks Allotted | | | | | Total Marks | Contact Hours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem. | Term work / Lab Work & Sessional | | L | T | P | |
| 1. | **ES401** | BSC | **Energy & Environmental Engineering** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 2. | **EC402** | DC | **Signals & Systems** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 3. | **EC403** | DC | **Analog Communication** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | 1 | 2 | 5 |
| 4. | **EC404** | DC | **Control System** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | 1 | 2 | 5 |
| 5. | **EC405** | DC | **Analog Circuits** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | 0 | 2 | 4 |
| 6. | **EC406** | DLC* | **Simulation Lab** | - | - | - | 30 | 20 | 50 | - | - | 4 | 2 |
| 7. | **BT407** | DLC | **90 hrs Internship based on using various software's –Internship -II** | **To be completed anytime during fourth semester. Its evaluation/credit to be added in fifth semester.** | | | | | | | | | **3** |
| | | Total | | **350** | **100** | **50** | **150** | **100** | **750** | **14** | **4** | **12** | **24** |
| 8. | **BT408** | MC | Cyber Security | **Non-credit course** | | | | | | | | | |
| 9. | **BT409I** | MC | Indian Knowledge System | **Non-credit course** | | | | | | | | | |
| | **NC001** | **NSS/NCC** | | | | | | | | | | | |

***A minimum of 2hours per week should be allotted for the Virtual Lab along with the slot fixed for the conventional lab classes.**

MST: Minimum of two mid semester tests to be conducted.

*Students can earn additional credits from the University recognized MOOC courses.

| 1 Hr Lecture | 1 Hr Tutorial | 2 Hr Practical |
|---|---|---|
| 1 Credit | **1 Credit** | **1 Credit** |

# Dr. Preeti Global University, Shivpuri

## New Scheme of Examination as per AICTE Flexible Curricula

## V Semester Bachelor of Technology (B.Tech.) Electronics Engg.

| S.No. | Subject Code | Category | Subject Name | Maximum Marks Allotted | | | | | Total Marks | Contact Hours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Term work / Lab Work & Sessional | | L | T | P | |
| 1. | EC 501 | DC | Microprocessor & its Application | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | EC 502 | DC | Digital Communication | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 3. | EC 503 | DE | Departmental Elective | 70 | 20 | 10 | - | - | 100 | 4 | - | 0 | 4 |
| 4. | EC 504 | OE | Open Elective | 70 | 20 | 10 | - | - | 100 | 3 | - | 0 | 3 |
| 5. | EC 505 | D Lab | CNTL Lab | - | - | - | 30 | 20 | 50 | - | - | 4 | 2 |
| 6. | EC 506 | O/E Lab | Matlab Programming | - | - | - | 30 | 20 | 50 | - | - | 4 | 2 |
| 7. | BT-407 | IN | Evaluation of Internship-II | - | - | - | - | 100 | 100 | - | - | 6 | 3 |
| 8. | | IN | Internship-III | To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester. | | | | | | | | | |
| 9. | EC 508 | P | Minor Project 1 | - | - | - | - | 50 | 50 | - | - | 4 | 2 |
| 10. | Additional Credits# | #*Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.* | | | | | | | | | | | |
| | | | Total | 280 | 80 | 40 | 120 | 230 | 750 | 11 | 2 | 22 | 24 |

| Departmental Electives | Open Electives |
|---|---|
| EC 503 (A) CNTl | EC 504 (A) EMT (Electro Magnetic (Theory) |
| EC 503 (B) Mobile Communication | EC 504 (B) Computer System Organisation |
| EC 503 (C) Advanced Control system | EC 504 (C) Process Control Instrumentation |

| 1 Hr Lecture | 1 Hr Tutorial | 2 Hr Practical |
|---|---|---|
| 1 Credit | **1 Credit** | **1 Credit** |

# Dr. Preeti Global University, Shivpuri

## New Scheme of Examination as per AICTE Flexible Curricula

## *VI* Semester Bachelor of Technology (B.Tech.) Electronics Engg.

| S.No. | Subject Code | Category | Subject Name | Maximum Marks Allotted | | | | | Total Marks | Contact Hours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Term work / Lab Work & Sessional | | L | T | P | |
| 1. | EC601 | DC | Digital Signal Processing | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | EC602 | DC | Antenna & Wave propagation | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 3. | EC603 | DE | Departmental Elective | 70 | 20 | 10 | - | - | 100 | 4 | - | 0 | 4 |
| 4. | EC604 | OE | Open Elective | 70 | 20 | 10 | - | - | 100 | 4 | - | 0 | 4 |
| 5. | EC605 | D Lab | Data Communication Lab | - | - | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 6. | EC606 | O/E Lab | Microcontroller & Embedded system | - | - | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 7. | EC607 | IN | Internship-III | To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester. | | | | | | | | | |
| 8. | EC608 | P | Minor Project II | - | - | - | - | 50 | 50 | - | - | 4 | 2 |
| 9. | Additional Credits# | #*Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.* | | | | | | | | | | | |
| | | | Total | 280 | 80 | 40 | 120 | 130 | 650 | 12 | 2 | 20 | 24 |

| Departmental Electives | Open Electives |
|---|---|
| 603 (A) Data Communication | 604(A) Microcontroller & Embedded system |
| 603 (B) CMOS Design | 604(B) Bio-medical Electronics |
| 603(C) Satellite Communication | 604(C) Power Electronics |

| 1 Hr Lecture | 1 Hr Tutorial | 2 Hr Practical |
|---|---|---|
| 1 Credit | **1 Credit** | **1 Credit** |

# Dr. Preeti Global University, Shivpuri

## New Scheme of Examination as per AICTE Flexible Curricula

## *VII* Semester Bachelor of Technology (B.Tech.) [Electronics Engg.]

| S.No. | Subject Code | Category | Subject Name | Maximum Marks Allotted | | | | | Total Marks | Contact Hours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Term work / Lab Work & Sessional | | L | T | P | |
| 1. | EC701 | DC | VLSI Design | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | EC702 | DE | Departmental Elective | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | EC703 | OE | Open Elective | 70 | 20 | 10 | - | - | 100 | 3 | 0 | 0 | 3 |
| 4. | EC704 | D Lab | Microwave Lab | - | -- | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 5. | EC705 | O/E lab | I.O.T. Lab | - | - | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 6. | EC706 | P | Major Project-I | - | - | - | 100 | 50 | 150 | - | - | 8 | 4 |
| 7. | EC607 | | Evaluation of Internship -III | - | - | - | - | 100 | 100 | - | - | 6 | 3 |
| 8. | Additional Credits[#] | *[#]Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.* | | | | | | | | | | | |
| | | | Total | 210 | 60 | 30 | 190 | 210 | 700 | 8 | 2 | 28 | 24 |

| Departmental Electives | Open Electives |
|---|---|
| 702(A) Microwave Engg. | 703(A) Cellular Mobile Communication |
| 702 (B) Information Theory & Coding | 703(B) Internet of Things |
| 702 (C) Nano Electronics | 703(C) Probability Theory & Stochastic Processor |

| 1 Hr Lecture | 1 Hr Tutorial | 2 Hr Practical |
|---|---|---|
| 1 Credit | **1 Credit** | **1 Credit** |

# Dr. Preeti Global University, Shivpuri

## New Scheme of Examination as per AICTE Flexible Curricula

## *VIII* Semester Bachelor of Technology (B.Tech.)[Electronics Engg.] *(w.e.f. Jan, 2021)*

| S.No. | Subject Code | Category | Subject Name | Maximum Marks Allotted | | | | | Total Marks | Contact Hours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Term work / Lab Work & Sessional | | L | T | P | |
| 1. | EC 801 | DC | Optical Fibre Communication | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | EC 802 | DE | Departmental Elective | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | EC 803 | OE | Open Elective | 70 | 20 | 10 | - | - | 100 | 3 | - | - | 3 |
| 4. | EC804 | D/O/E Lab | Advanced Communication Engg. Lab | - | -- | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 5. | EC 805 | P | Major Project-II | - | - | - | 70 | 30 | 100 | - | - | 8 | 4 |
| 6. | Additional Credits[#] | *[#]Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.* | | | | | | | | | | | |
| | | | Total | 210 | 60 | 30 | 130 | 70 | 500 | 8 | 2 | 16 | 18 |

| Departmental Electives | Open Electives |
|---|---|
| 802(A) AI & Signal Processing | 803(A) Wireless Network |
| 802 (B) Wireless Communication | 803(B) Digital Image Processing |
| 802 (C) 5G Technology | 803(C) Speech Processing |

| 1 Hr Lecture | 1 Hr Tutorial | 2 Hr Practical |
|---|---|---|
| 1 Credit | **1 Credit** | **1 Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## ISemester(GroupA) BachelorofTechnology(B.Tech.)

### GROUPA: (CS,IT,EE,EX,EI,FT,AT,MI,BT,&BM)

| S. No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. | Quiz/ Assignment | End Sem. | Labwork &Sessional | | L | T | P | |
| MandatoryInductionProgram(Firstthreeweeks) | | | | PhysicalActivity,CreativeArts,UniversalHuman Values,Literary,ProficiencyModules,LecturesbyEminentPeople, VisitstolocalAreas,FamiliarizationtoDept./Branch&Innovations | | | | | | | | | |
| Fourthweekonwards classeswillstart | | | | | | | | | | | | | |
| 1. | **BT101** | BSC-1 | **EngineeringChemistry** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 2. | **BT102** | BSC-2 | **Mathematics-I** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT103** | HSMC-1 | **English for Communication** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT104** | ESC-1 | **Basic Electrical &ElectronicsEngineering** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 5. | **BT105** | ESC-2 | **EngineeringGraphics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 6. | **BT106** | ESC-3 | **ManufacturingPractices** | - | - | - | 15 | 10 | 25 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringorattheendofthesecondsemester.Itsevaluation/credittobeaddedinthird semester.** | | | | | | | | | |
| 8. | **BT108** | DLC-2 | SwachhBharatSummerInternshipUnnat Bharat Abhiyan (100Hrs)/Rural Outreach | | | | 15 | 10 | 25 | - | - | 4 | 2 |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **13** | **1** | **14** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## IISemester(GroupA) BachelorofTechnology(B.Tech.)

### GROUPA: (CS,IT,EE,EX,EI,FT,AT,MI,BT,&BM)

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TheorySlot | | | PracticalSlot | | | | | | |
| | | | | End Sem. | Mid Sem Exam. | Quiz/ Assignment | End Sem. | Labwork &Sessional | | L | T | P | |
| 1. | **BT201** | BSC-3 | **EngineeringPhysics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | **BT202** | BSC-4 | **Mathematics-II** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT203** | ESC-4 | **BasicMechanical Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT204** | ESC-5 | **BasicCivilEngineering &Mechanics** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5. | **BT205** | ESC-6 | **BasicComputer Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6. | **BT206** | HSMC-2 | **LanguageLab& Seminars** | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringfirst/secondsemester.Itsevaluation/credittobeaddedinthirdsemester.** | | | | | | | | | |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **14** | **2** | **10** | **21** |

| | | |
|---|---|---|
| 1HrLecture | 1Hr Tutorial | 2HrPractical |
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

**ISemester(GroupB)** **BachelorofTechnology(B.Tech.)**

## GROUPB:(AU,ME,IP, CE,IEM,TX,EC, &CM)

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TheorySlot | | | PracticalSlot | | | | | | |
| | | | | End Sem. | Mid Sem Exam. | Quiz/ Assignment | End Sem. | Labwork & Sessional | | L | T | P | |
| MandatoryInductionProgram(Firstthreeweeks) | | | | PhysicalActivity,CreativeArts,UniversalHuman Values,Literary,ProficiencyModules,LecturesbyEminentPeople, VisitstolocalAreas,FamiliarizationtoDept./Branch&Innovations | | | | | | | | | |
| Fourthweekonwards classeswillstart | | | | | | | | | | | | | |
| 1. | **BT201** | BSC-3 | **EngineeringPhysics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | **BT102** | BSC-2 | **Mathematics-I** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT203** | ESC-4 | **BasicMechanical Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT204** | ESC-5 | **BasicCivilEngineering &Mechanics** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5. | **BT205** | ESC-6 | **BasicComputer Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6. | **BT206** | HSMC-2 | **LanguageLab& Seminars** | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringfirst/secondsemester.Itsevaluation/credittobeaddedinthirdsemester.** | | | | | | | | | |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **14** | **2** | **10** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## IISemester(GroupB) BachelorofTechnology(B.Tech.)

## GROUPB:(AU,ME,IP, CE,IEM,TX,EC, &CM)

| S. No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. | Quiz/ Assignment | End Sem. | Labwork & Sessional | | L | T | P | |
| 1. | **BT101** | BSC-1 | **EngineeringChemistry** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 2. | **BT202** | BSC-4 | **Mathematics-II** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT103** | HSMC-1 | **English for Communication** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT104** | ESC-1 | **Basic Electrical &ElectronicsEngineering** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 5. | **BT105** | ESC-2 | **EngineeringGraphics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 6. | **BT106** | ESC-3 | **ManufacturingPractices** | - | - | - | 15 | 10 | 25 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringorattheendofthesecondsemester.Itsevaluation/credittobeaddedinthird semester.** | | | | | | | | | |
| 8. | **BT108** | DLC-2 | SwachhBharatSummerInternship UnnatBharatAbhiyan(100Hrs)/Rural Outreach | | | | **15** | **10** | **25** | **-** | **-** | **4** | **2** |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **13** | **1** | **14** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## ISemester(GroupA) BachelorofTechnology(B.Tech.)

***W.E.F.JULY2022***

## GROUPA: (CS,IT,EE,EX,EI,FT,AT,MI,BT,&BM)

| S. No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. | Quiz/ Assignment | End Sem. | Labwork &Sessional | | L | T | P | |
| MandatoryInductionProgram(Firstthreeweeks) | | | | PhysicalActivity,CreativeArts,UniversalHuman Values,Literary,ProficiencyModules,LecturesbyEminentPeople, VisitstolocalAreas,FamiliarizationtoDept./Branch&Innovations | | | | | | | | | |
| Fourthweekonwards classeswillstart | | | | | | | | | | | | | |
| 1. | **BT101** | BSC-1 | **EngineeringChemistry** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 2. | **BT102** | BSC-2 | **Mathematics-I** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT103** | HSMC-1 | **English for Communication** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT104** | ESC-1 | **Basic Electrical &ElectronicsEngineering** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 5. | **BT105** | ESC-2 | **EngineeringGraphics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 6. | **BT106** | ESC-3 | **ManufacturingPractices** | - | - | - | 15 | 10 | 25 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringorattheendofthesecondsemester.Itsevaluation/credittobeaddedinthird semester.** | | | | | | | | | |
| 8. | **BT108** | DLC-2 | SwachhBharatSummerInternshipUnnat Bharat Abhiyan (100Hrs)/Rural Outreach | | | | 15 | 10 | 25 | - | - | 4 | 2 |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **13** | **1** | **14** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## IISemester(GroupA) BachelorofTechnology(B.Tech.)

***W.E.F.JULY2022***

## GROUPA: (CS,IT,EE,EX,EI,FT,AT,MI,BT,&BM)

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TheorySlot | | | PracticalSlot | | | | | | |
| | | | | End Sem. | Mid Sem Exam. | Quiz/ Assignment | End Sem. | Labwork &Sessional | | L | T | P | |
| 1. | **BT201** | BSC-3 | **EngineeringPhysics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | **BT202** | BSC-4 | **Mathematics-II** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT203** | ESC-4 | **BasicMechanical Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT204** | ESC-5 | **BasicCivilEngineering &Mechanics** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5. | **BT205** | ESC-6 | **BasicComputer Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6. | **BT206** | HSMC-2 | **LanguageLab& Seminars** | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringfirst/secondsemester.Itsevaluation/credittobeaddedinthirdsemester.** | | | | | | | | | |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **14** | **2** | **10** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## ISemester(GroupB) BachelorofTechnology(B.Tech.)

***W.E.F.JULY2022***

## GROUPB:(AU,ME,IP, CE,IEM,TX,EC, &CM)

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TheorySlot | | | PracticalSlot | | | | | | |
| | | | | End Sem. | Mid Sem Exam. | Quiz/ Assignment | End Sem. | Labwork & Sessional | | L | T | P | |
| MandatoryInductionProgram(Firstthreeweeks) | | | | PhysicalActivity,CreativeArts,UniversalHuman Values,Literary,ProficiencyModules,LecturesbyEminentPeople, VisitstolocalAreas,FamiliarizationtoDept./Branch&Innovations | | | | | | | | | |
| Fourthweekonwards classeswillstart | | | | | | | | | | | | | |
| 1. | **BT201** | BSC-3 | **EngineeringPhysics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | **BT102** | BSC-2 | **Mathematics-I** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT203** | ESC-4 | **BasicMechanical Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT204** | ESC-5 | **BasicCivilEngineering &Mechanics** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5. | **BT205** | ESC-6 | **BasicComputer Engineering** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6. | **BT206** | HSMC-2 | **LanguageLab& Seminars** | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringfirst/secondsemester.Itsevaluation/credittobeaddedinthirdsemester.** | | | | | | | | | |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **14** | **2** | **10** | **21** |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## II Semester(GroupB) BachelorofTechnology(B.Tech.)

***W.E.F.JULY2022***

## GROUPB:(AU,ME,IP, CE,IEM,TX,EC, &CM)

| S. No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHoursperweek | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. | Quiz/ Assignment | End Sem. | Labwork & Sessional | | L | T | P | |
| 1. | **BT101** | BSC-1 | **EngineeringChemistry** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 2. | **BT202** | BSC-4 | **Mathematics-II** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | **BT103** | HSMC-1 | **English for Communication** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | **BT104** | ESC-1 | **Basic Electrical &ElectronicsEngineering** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 5. | **BT105** | ESC-2 | **EngineeringGraphics** | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 6. | **BT106** | ESC-3 | **ManufacturingPractices** | - | - | - | 15 | 10 | 25 | - | - | 2 | 1 |
| 7. | **BT107** | DLC-1 | **Internship-I (60 Hrs Duration) attheInstitutelevel** | **Tobecompletedduringorattheendofthesecondsemester.Itsevaluation/credittobeaddedinthird semester.** | | | | | | | | | |
| 8. | **BT108** | DLC-2 | SwachhBharatSummerInternship UnnatBharatAbhiyan(100Hrs)/Rural Outreach | | | | **15** | **10** | **25** | **-** | **-** | **4** | **2** |
| | | | **Total** | **350** | **100** | **50** | **150** | **100** | **750** | **13** | **1** | **14** | **21** |

| | | |
|---|---|---|
| 1HrLecture | 1Hr Tutorial | 2HrPractical |
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## III Semester BachelorofTechnology(B.Tech.)[InformationTechnology]

***W.E.F.2022)***

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Termwork LabWork& Sessional | | L | T | P | |
| 1. | ES301 | HSMC-3 | Energy&Environmental Engineering | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 2. | IT302 | DC-1 | DiscreteStructure | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | IT303 | DC-2 | DataStructure | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4. | IT304 | DC-3 | Object OrientedProgramming &Methodology | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5. | IT305 | DC-4 | DigitalCircuits&System | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6. | IT306 | DLC-3 | JAVAProgrammingLab | - | - | - | 30 | 20 | 50 | - | - | 4 | 2 |
| 7. | BT107 | DLC-1 | EvaluationofInternship-I completedatIyearlevel | - | - | - | - | 50 | 50 | | | 4 | 2 |
| 8. | BT307 | DLC-4 | 90 hrs Internship based on using varioussoftware's–Internship -II | TobecompletedanytimeduringThird/fourthsemester.Itsevaluation/credittobeaddedinfifth semester. | | | | | | | | | |
| | | | Total | 350 | 100 | 50 | 120 | 130 | 750 | 15 | 2 | 14 | 24 |
| 9. | BT308 | MC | IndianConstitution | Non-creditcourse | | | | | | | | | |
| NC301 | | NSS/NCC | | | | | | | | | | | |

*Studentscanearnadditionalcredits fromtheUniversityrecognizedMOOC courses.

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# DR. PREETI GLOBAL UNIVERSITY,SHIVPURI

## SchemeofExaminationasperAICTEFlexibleCurricula

## IV Semester BachelorofTechnology(B.Tech.)[InformationTechnology]

***(w.e.f.Jan,2022)***

| S. No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | MidSem. Exam. | Quiz/ Assignment | End Sem. | Termwork / LabWork& Sessional | | L | T | P | |
| 1. | **BT401** | BSC | **Mathematics-III** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 2. | **IT402** | DC | **ComputerArchitecture** | 70 | 20 | 10 | - | - | 100 | 2 | 1 | - | 3 |
| 3. | **IT403** | DC | **Analysis and Design of Algorithm** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | 1 | 2 | 5 |
| 4. | **IT404** | DC | **Analog &Digital Communication** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | 1 | 2 | 5 |
| 5. | **IT405** | DC | **DatabaseManagementSystem** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | 0 | 2 | 4 |
| 6. | **IT406** | DLC* | **Introduction to MATLAB, Scilab/Web Design** | - | - | - | 30 | 20 | 50 | - | - | 4 | 2 |
| 7. | **IT407** | DLC* | **Open Source Software Lab (Linux and R)** | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 8. | **BT408** | DLC | **90hrsInternshipbasedonusing varioussoftware's–Internship-II** | **Tobecompletedanytime duringfourthsemester.Itsevaluation/credittobeaddedinfifthsemester.** | | | | | | | | | **3** |
| | | Total | | **350** | **100** | **50** | **150** | **100** | **750** | **14** | **4** | **12** | **24** |
| 9. | **BT409** | MC | CyberSecurity | **Non-creditcourse** | | | | | | | | | |
| 10. | **BT409I** | | IndianKnowledgeSystem | **Non-creditcourse** | | | | | | | | | |
| | **NC001** | | **NSS/NCC** | | | | | | | | | | |

***Aminimumof2hoursperweekshouldbeallottedfortheVirtualLab alongwiththeslotfixedfortheconventionallabclasses.**

MST:Minimumoftwomidsemestertests tobeconducted.

*Studentscanearnadditionalcredits fromtheUniversityrecognizedMOOCcourses.

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## V Semester BachelorofTechnology(B.Tech.) [InformationTechnology] *(w.e.fJuly2023)Revised*

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Termwork LabWork& Sessional | | L | T | P | |
| 1. | IT501 | DC | Operating System | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 2. | IT502 | DC | ComputerNetwork | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 3. | IT503 | DE | DepartmentalElective-I | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 4. | IT504 | OE | OpenElective-I | 70 | 20 | 10 | - | - | 100 | 3 | - | - | 3 |
| 5. | IT505 | D Lab | AdvancedJavaLab | - | - | - | 30 | 20 | 50 | - | 1 | 2 | 2 |
| 6. | IT506 | HSMC Lab | SoftSkillsandInterpersonal Communication | - | - | - | 30 | 20 | 50 | - | 1 | 2 | 2 |
| 7. | BT407 | IN | Evaluation ofInternship-II | | | | | 100 | 100 | | | 6 | 3 |
| 8. | | IN | Internship-III | TobecompletedanytimeduringFifth/Sixthsemester.Itsevaluation/credittobeaddedinSeventh Semester. | | | | | | | | | |
| 9. | IT508 | P | MinorProjectI/Seminar | - | - | - | - | 50 | 50 | - | - | 4 | 2 |
| 10. | Additional Credits# | *#Additionalcreditscanbeearnedthroughsuccessfulcompletionofcreditbased MOOC'sCoursesavailableonSWAYAMplatform(MHRD)at respective UG level.* | | | | | | | | | | | |
| | | | Total | 280 | 80 | 40 | 120 | 230 | 750 | 12 | 3 | 18 | 24 |

**Departmental Elective-I**

IT503(A)TheoryofComputation
IT503(B)Microprocessor&Interfacing
IT503(C)ObjectOrientedAnalysisandDesign

**OpenElective-I**

IT504(A)ArtificialIntelligence
IT 504(B) ECommerce&Governance
IT 504(C) JavaProgramming

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## VI Semester BachelorofTechnology(B.Tech.)InformationTechnology

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Termwork LabWork& Sessional | | L | T | P | |
| 1. | IT601 | DC | ComputerGraphics& Multimedia | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | IT602 | DC | WirelessandMobileComputing | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 3. | IT603 | DE | DepartmentalElective | 70 | 20 | 10 | - | - | 100 | 4 | - | 0 | 4 |
| 4. | IT604 | OE | OpenElective | 70 | 20 | 10 | - | - | 100 | 4 | - | 0 | 4 |
| 5. | IT605 | D Lab | ProgramminginPython | - | - | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 6. | IT606 | O/E Lab | AndroidProgramming | - | - | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 7. | IT607 | IN | Internship-III | TobecompletedanytimeduringFifth/Sixthsemester.Itsevaluation/credittobeaddedinSeventhSemester. | | | | | | | | | |
| 8. | IT608 | P | MinorProjectII | - | - | - | - | 50 | 50 | - | - | 4 | 2 |
| 9. | Additional Credits[#] | *[#]Additionalcreditscanbeearnedthroughsuccessful completionofcreditbasedMOOC'sCoursesavailableon SWAYAM platform(MHRD) atrespective UGlevel.* | | | | | | | | | | | |
| | | | Total | 280 | 80 | 40 | 120 | 130 | 650 | 12 | 2 | 20 | 24 |

| DepartmentalElectives | OpenElectives |
|---|---|
| 603(A)CompilerDesign | 604(A)IntellectualPropertyRights |
| 603(B)DataMining | 604(B)SoftwareEngineering |
| 603(C)EmbeddedSystems | 604(C)WirelessSensorNetworks |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## VII Semester BachelorofTechnology(B.Tech.)[InformationTechnology]

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Termwork LabWork& Sessional | | L | T | P | |
| 1. | IT-701 | DC | SoftComputing | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | IT-702 | DE | DepartmentalElective | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | IT-703 | OE | OpenElective | 70 | 20 | 10 | - | - | 100 | 3 | 0 | 0 | 3 |
| 4. | IT-704 | D Lab | CloudComputingLab | - | -- | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 5. | IT-705 | O/Elab | IoTLab | - | - | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 6. | IT-706 | P | MajorProject-I | - | - | - | 100 | 50 | 150 | - | - | 8 | 4 |
| 7. | IT-607 | | EvaluationofInternship-III | - | - | - | - | 100 | 100 | - | - | 6 | 3 |
| 8. | Additional Credits# | *#Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.* | | | | | | | | | | | |
| 9. | | | Total | 210 | 60 | 30 | 190 | 210 | 700 | 8 | 2 | 28 | 24 |

| DepartmentalElectives | OpenElectives |
|---|---|
| 702(A)DataScience | 703(A)CyberLawsandForensics |
| 702(B)CloudComputing | 703(B)InternetofThings |
| 702(C)Simulation andModeling | 703(C)SocialNetworks |
| 702(D)AugmentedandVirtualReality | 703(D)DigitalImageProcessing |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti GLobal University,Shivpuri

## New SchemeofExaminationasperAICTEFlexibleCurricula

## VIII SemesterBachelorofTechnology(B.Tech.)InformationTechnology *(w.e.f.Jan,2021)*

| S.No. | Subject Code | Category | SubjectName | MaximumMarksAllotted | | | | | Total Marks | ContactHours per week | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Termwork LabWork& Sessional | | L | T | P | |
| 1. | IT-801 | DC | InformationSecurity | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | IT-802 | DE | DepartmentalElectiveIV | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | IT-803 | OE | OpenElectiveIV | 70 | 20 | 10 | - | - | 100 | 3 | - | - | 3 |
| 4. | IT-804 | D/O/E Lab | MachineLearningLab | - | -- | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 5. | IT-805 | P | MajorProject-II | - | - | - | 70 | 30 | 100 | - | - | 8 | 4 |
| 6. | Additional Credits[#] | *[#]Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.* | | | | | | | | | | | |
| 7. | | | Total | 210 | 60 | 30 | 130 | 70 | 500 | 8 | 2 | 16 | 18 |

| DepartmentalElectives | OpenElectives |
|---|---|
| 802(A)MachineLearning | 803(A)BlockchainTechnology |
| 802 (B)NaturalLanguageProcessing | 803(B)HumanComputerInteraction |
| 802(C)Robotics | 803(C)3DPrintingandDesign |
| 802(D)QuantumComputing | 803(D)ParallelComputing |

| 1HrLecture | 1Hr Tutorial | 2HrPractical |
|---|---|---|
| 1Credit | **1Credit** | **1Credit** |

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Civil Engg.)**

**Year: II**

**Semester: III Sem & IV Sem**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f.**

**Bachelor of Engineering (Civil Engineering)**

**SEM ESTER: III SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | VIVA, Assignment | End Sem. | Lab Work | Assignment/ VIVA | L | T | P | | |
| 1 | ES-220 T | Material Science | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CE-301 T | Building Planning & Architecture | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 3 | 100 |
| 3 | CE-302 T | Strength of Materials | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 3 | 100 |
| 4 | CE-303 T | Advance Surveying, & Remote Sensing | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 3 | 100 |
| 5 | CE-304 T | Geology | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 3 | 100 |
| 6 | HU-220 T | Communication Skills | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 0 | 0 | 1 | 100 |
| 7 | CE-301 P | Building Planning & Architecture | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 8 | CE-302 P | Strength of Materials | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 9 | CE-303 P | Advance Surveying, & Remote Sensing | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | CE-304 P | Geology | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | HU-220 P | Communication Skills | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 12 | HU-221 P | Idea Generation# | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 2 | 50 |
| 13 | HU-222 P | Learning Through Experts# | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 2 | 0 | 2 | 50 |
| 14 | HU-223 P | NSS/NCC* | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 0 | 0 | Qualifier* | 00 |
| **Total** | | | **420** | **120** | **60** | **150** | **50** | **150** | **16** | **7** | **12** | **26** | **950** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: *NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.**

**#For 'Idea Generation' & 'Learning through Experts', there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f.**

**Bachelor of Engineering (Civil Engineering)**

**SEM ESTER: IV SEM ESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | VIVA, Assignment | End Sem. | Lab Work | Assignment/ VIVA | L | T | P | | |
| 1 | CE-401 T | Concrete Technology | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 3 | 100 |
| 2 | CE-402 T | Water Supply & Waste Water Engineering-I | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 3 | CE-403 T | Structural Analysis-I | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 4 | CE-404 T | Structural mechanics | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | CE-405 T | Fluid Mechanics | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 6 | MA-220 T | Mathematics-III | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 7 | CE-401 P | Concrete Technology | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 8 | CE-402 P | Water Supply & Waste Water Engineering-I | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 9 | CE-403 P | Structural Analysis-I | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | CE-405 P | Fluid Mechanics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | HU-223 P | NSS/NCC* | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 0 | 0 | Qualifier* | 00 |
| **Total** | | | **420** | **120** | **60** | **120** | **40** | **40** | **21** | **6** | **8** | **24** | **800** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Civil Engg.)**

**Year: III**

**Semester: V Sem & VI Sem**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f.**

**Bachelor of Engineering (Civil Engineering)**

**SEMESTER: V SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | VIVA, Assignment | End Sem. | Lab Work | Assignment/ VIVA | L | T | P | | |
| 1 | CE-501 T | Quantity Surveying & Costing | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 2 | CE-502 T | Construction Materials & Techniques | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 3 | CE-503 T | Structural Analysis-II | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | CE-504 T | Water resources & Irrigation | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 5 | CE-505 T | Dynamics of structures | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 3 | 100 |
| 7 | CE-501 P | Quantity Surveying & Costing | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 8 | CE-502 P | Construction Materials & Techniques | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 9 | CE-504 P | Water resources & Irrigation | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | CE-506 P | Computer aided drawing | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | CE-507 P | Soft Skill -I | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1 | 50 |
| 12 | CE-508 P | Seminar / Group Discussion ( Internal Assessment) | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1 | 50 |
| 13 | HU-223 P | NSS/NCC* | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 0 | 0 | Qualifier* | 00 |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **140** | **10** | **5** | **12** | **22** | **900** |

L : Lecture T: Tutorial P: Practical

Note: * NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Civil Engineering)**

**SEMESTER: VI SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | VIVA, Assignment | End Sem. | Lab Work | Assignment/ VIVA | L | T | P | | |
| 1 | CE-601 T | Water Supply & Waste Water Engineering-II | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 3 | 100 |
| 2 | CE-602 T | Geotechnical Engineering-I | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 3 | CE-603 T | Transportation Engineering-I | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 4 | CE-604 T | Structural Design –I (RCC) | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 5 | CE-605 T | Construction Planning & Management | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | CE-601 P | Water Supply & Waste Water Engineering-II | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 7 | CE-602 P | Geotechnical Engineering-I | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 8 | CE-603 P | Transportation Engineering-I | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 9 | CE-604 P | Structural Design –I (RCC) | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | CE-606 P | Soft Skill -II | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1 | 50 |
| 11 | CE-607 P | Seminar / Group Discussion (Internal Assessment) | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1 | 50 |
| 12 | HU-223 P | NSS/NCC* | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 0 | 0 | Qualifier* | 00 |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **140** | **18** | **5** | **12** | **22** | **800** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Civil Engg.)**

**Year: IV**

**Semester: VII Sem & VIII Sem**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f.**

**Bachelor of Engineering (Civil Engineering)**

**SEM ESTER: VII SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | VIVA, Assignment | End Sem. | Lab Work | Assignment/ VIVA | L | T | P | | |
| 1 | CE-701 T | Transportation Engineering- II | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 2 | CE-702 T | Geotechnical Engineering-II | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 3 | CE-703 T | Structural Design –II (Steel) | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 3 | 100 |
| 4 | CE-704 T | Elective-I | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 4 | 100 |
| 5 | CE-701 P | Transportation Engineering- II | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 6 | CE-702 P | Geotechnical Engineering-II | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 7 | CE-703 P | Structural Design –II (Steel) | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 8 | CE-705 P | Minor Project | 00 | 00 | 00 | 60 | 30 | 10 | 0 | 0 | 5 | 4 | 100 |
| 9 | CE-706 P | Seminar /Group Discussion | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 0 | 2 | 1 | 100 |
| 10 | CE-707 P | Industrial Training (4 Weeks) | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1 | 50 |
| 11 | HU-224 P | Yoga* | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 0 | 0 | Qualifier* | 00 |
| **Total** | | | **280** | **80** | **40** | **150** | **60** | **190** | **16** | **4** | **15** | **22** | **800** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * YOGA is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.**

| ELECTIVE-I | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | CE- 7041 | Computational Methods in Structural Engineering | 2 | CE- 7042 | Traffic Engineering | 3 | CE- 7043 | Industrial Waste Treatment |
| 4 | CE- 7044 | Cost Effective & ECO-Friendly Construction | 5 | CE- 7045 | Environmental Impact Assessment | | | |

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f.**

**Bachelor of Engineering (Civil Engineering)**

**SEM ESTER: VIII SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | VIVA, Assignment | End Sem. | Lab Work | Assignment/ VIVA | L | T | P | | |
| 1 | CE-801 T | Design Of Hydraulic Structures | 70 | 20 | 10 | 00 | 00 | 00 | 5 | 1 | 0 | 3 | 100 |
| 2 | CE-802 T | Transportation Bridges & Tunnels | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 4 | 100 |
| 3 | CE-803 T | Structural Design –III | 70 | 20 | 10 | 00 | 00 | 00 | 5 | 1 | 0 | 3 | 100 |
| 4 | CE-804 T | Elective-II | 70 | 20 | 10 | 00 | 00 | 00 | 4 | 1 | 0 | 4 | 100 |
| 5 | CE-801 P | Design Of Hydraulic Structures | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 6 | CE-803 P | Structural Design –III | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 7 | CE-805 P | Major Project | 00 | 00 | 00 | 100 | 100 | 50 | 0 | 0 | 7 | 4 | 250 |
| 8 | CE-806 P | Seminar / Group Discussion (Internal Assessment) | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 0 | 2 | 1 | 100 |
| **Total** | | | **280** | **80** | **40** | **160** | **120** | **170** | **18** | **4** | **13** | **21** | **850** |

**L : Lecture** **T: Tutorial** **P: Practical**

| ELECTIVE-II | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | CE -8041 | Structural Dynamics & Earthquake Engineering | 2 | CE -8042 | Air Quality Monitoring & Control | 3 | CE -8043 | Energy Efficient & Green Building |
| 4 | CE -8044 | Design Of Prestressed Concrete Structures | 5 | CE-8045 | Advance Water Resources Engg. | | | |

# Dr. Preeti Global University, Shivpuri (M.P)

Grading System

Scheme of Examination

Bachelor of Engineering {Computer Science & Engineering}

semester/Year: IIIrd sem & IVth sem /II nd Year

# Dr. Preeti Global University, Shivpuri (M.P)

Grading System

Scheme of Examination

Bachelor of Engineering {Computer Science & Engineering}

SEMESTER : IIIrd SEMESTER

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | **Credits** | **Marks** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA-220T | Mathematics - III | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CS-301T | Electronic Devices & Circuits | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | CS-302T | Digital Circuit & Design | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 0 | 0 | 3 | 100 |
| 4 | CS-303T | Data Structures-11 | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 5 | CS-304T | Discrete Structures | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | CS-305T | Communication Skills | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 0 | 0 | 1 | 100 |
| T | HU221 | Idea Generation* | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 4 | 2* | 50 |
| 8 | HU222 | Learning Through Experts* | 00 | 00 | 00 | 00 | 00 | 50 | 2 | 0 | 0 | 2* | 50 |
| 9 | CS-301P | Electronic Devices & Circuits | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | CS-302P | Digital Circuit & Design | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | CS-303P | Data Structures-II | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 12 | HU-220P | Communication Skills | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| Total | | | **420** | **120** | 60 | 120 | **40** | **140** | 16 | 4 | 12 | 26 | **900** |

L : Lecture T: **Tutorial** P: Practical

Note:
- For 'Idea Generation', 'Learning through Experts', there will be no examination and credits will be awarded only on the basis of internal assessment.
- Mathematics- III will be a departmental elective subject with content customized to the requirements of parent discipline.

# Dr. Preeti Global University, Shivpuri (M.P)

Grading System

Scheme of Examination

Bachelor of Engineering {Computer Science & Engineering}

SEMESTER : IVth SEMESTER

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | **Credits** | **Marks** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assinment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| l | CS-401 T | Computer System Organization | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CS-402T | Object Oriented Programming Methodology | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | CS-403 T | Theory of computation | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 0 | 0 | 3 | 100 |
| 4 | CS-404 T | Analysis & Design of algorithm | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 5 | CS-405T | Fundamental of IOT | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | CS-406T | Machine Learning | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 7 | HU-223P | NSS/NCC * | - | - | - | - | - | - | - | - | - | - | Qualifier* |
| 8 | CS-407P | Java / Dot Net Technology (any one) | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 4 | 2 | 50 |
| 9 | CS-401 P | Computer System Organization | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | CS-402P | Object Oriented Programming Methodology | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| II | CS-404 P | Analysis & Design o1 algorithm | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| **Total** | | | 420 | **120** | **60** | **120** | 40 | 40 | 16 | 5 | 10 | 26 | **800** |

L : Lecture T: **Tutorial** P: Practical

**Note:**

- NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Computer Science & Engineering)**

**Semester/Year: V th sem & VIth sem /III rd Year**

# Dr. Preeti Global University, Shivpuri (M.P)

Grading System Scheme of

Examination

Bachelor of Engineering {Computer Science & Engineering}

**SEMESTER : V SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | **Credits** | **Marks** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | CS-501T | Data Communication | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CS-502T | Operating System | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | CS-503T | Database Management System | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 0 | 0 | 3 | 100 |
| 4 | CS-504T | Computer Graphics & Multimedia | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 5 | CS-505T | Artificial Intelligence | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | HU223 | NSS/NCC | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 0 | 0 | 1 | 100 |
| 7 | CS-502P | Operating System | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 4 | 2* | 50 |
| 8 | CS-503P | Database Management System | 00 | 00 | 00 | 00 | 00 | 50 | 2 | 0 | 0 | 2* | 50 |
| 9 | CS-504P | Computer Graphics & Multimedia | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | CS-506P | Computer Programming V(Unix/Linux Lab) | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | CS-507 | Soft Ski8ll-I (Internal Assessment) | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 12 | CS-508 | Seminar/Group Discussion (Internal Assessment) | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| Total | | | **420** | **120** | 60 | 120 | **40** | **140** | 16 | 4 | 12 | 26 | **900** |

L : LECTURE T : TUTORIAL P : PRACTICAL

Note:

- For 'Idea Generation', 'Learning through Experts', there will be no examination and credits will be awarded only on the basis of internal assessment.
- Mathematics- III will be a departmental elective subject with content customized to the requirements of parent discipline

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# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Computer Science & Engineering)**

**SEMESTER : VITH SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | CS-601T | Micro Processor and Interfacing | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CS-602T | PPL | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | CS-603T | Software Engineering & Project managements | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | CS-604T | Computer Networking | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | CS-605T | Advance Computer Architecture(ACA) | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | HU-223 P | NSS/NCC * | - | - | - | - | - | - | - | - | - | - | Qualifier* |
| 7 | CS-601P | Micro Processor and Interfacing | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 8 | CS-603P | Software Engineering & Project managements | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 9 | CS-604P | Computer Networking | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | CS-606 P | Minor Project – I | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | CS-607 | Soft Skill-II (Internal Assessment) | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1* | 50 |
| 12 | CS-608 | Seminar / Group Discussion (Internal Assessment) | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1* | 50 |
| | | | | | | | | | | | | | |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **140** | **15** | **5** | **12** | **26** | **800** |

**L : Lecture** **T: Tutorial** **P: Practical**

Note:

-For 'Soft Skill-II', 'Seminar and Group Discussion', there will be no examination and credits will be awarded only on the basis of internal assessment.

- NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Computer Science & Engineering)**

**Semester/Year: VII th sem & VIIIth sem /IV TH Year**

## Dr. Preeti Global University, Shivpuri (M.P)

### Grading System

### Scheme of Examination

### Bachelor of Engineering (Computer Science & Engineering)

**SEMESTER : VII$^{TH}$ SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | CS-701T | Compiler Design | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CS-702T | Distributed System | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | CS-703T | Cloud Computing | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | CS-704T | Information Storage & Management | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | CS-710T | Elective -I | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | HU-224P | Yoga * | - | - | - | - | - | - | - | - | - | - | Qualifier* |
| 7 | CS-701P | Compiler Design | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 8 | CS-703P | Cloud Computing | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 9 | CS-705P | Industrial Training (4Weeks) | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | CS-706P | Major Project | 00 | 00 | 00 | 80 | 10 | 10 | 0 | 0 | 2 | 1 | 100 |
| 11 | CS-707 | Self study | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1* | 50 |
| 12 | CS-708 | Seminar /Group Discussion | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1* | 50 |
| | | | | | | | | | | | | | |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **140** | **15** | **5** | **12** | **26** | **850** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Elective –I** **CS 7101 - N/W & Web Security** **CS 7102 - Simulation & Modelling**

Note:

-Minimum Strength of Ten Students is required to offer an Elective in the College in a Particular Academic Session.
-Choice of Elective Course ones made for an examination cannot be changed for future examinations
-For 'Self study', 'Seminar and Group Discussion', there will be no examination and credits will be awarded only on the basis of internal assessment.
-Yoga is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Computer Science & Engineering)**

**SEMESTER : VIIITH SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | CS-801T | Soft Computing | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CS-802T | Web Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | CS-820T | Elective -II | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | CS-830T | Elective -III | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | CS-801P | Soft Computing | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 6 | CS-802P | Web Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 7 | CS-805P | Major Project | 00 | 00 | 00 | 170 | 40 | 40 | 0 | 0 | 8 | 4 | 250 |
| 8 | CS-806 | Self study | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1* | 50 |
| 9 | CS-807 | Seminar /Group Discussion | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1* | 50 |
| | | | | | | | | | | | | | |
| **Total** | | | **280** | **80** | **40** | **230** | **60** | **160** | **12** | **4** | **16** | **24** | **850** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note:**

| | | | |
|---|---|---|---|
| **Elective –II** | **CS8201 - N/W Management** | **CS 8202 – Cyber Security** | **CS8203 – Data Mining and Knowledge Discovery** |
| **Elective-III** | **CS8301Bioinformatics** | **CS8302 Digital image processing** | **CS8303 wireless network Web & Ontologies** |

Note:

-Minimum Strength of Ten Students is required to offer an Elective in the College in a Particular Academic Session. Choice of Elective Course once made for an examination cannot be changed for future examinations

-For 'Self study', 'Seminar and Group Discussion', there will be no examination and credits will be awarded only on the basis of internal assessment.

-Yoga is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.

# Syllabus for Bachelor of Engineering

## List of Subject (Fourth Year, Grading System)

**Unit-1** Introduction to compiling & Lexical Analysis Introduction of Compiler, Major data Structure in compiler, BOOT Strapping & Porting, Compiler structure: analysis-synthesis model of compilation, various phases of a compiler, Lexical analysis: Input buffering , Specification & Recognition of Tokens, LEX.

**Unit-2** Syntax Analysis &Syntax Directed Translation Syntax analysis: CFGs, Top down parsing, Brute force approach, recursive descent parsing, transformation on the grammars, predictive parsing, bottom up parsing, operator precedence parsing, LR parsers (SLR,LALR, LR),Parser generation.Syntax directed definitions: Construction of Syntax trees, Bottom up evaluation of S-attributed definition, L-attribute definition, Top down translation, Bottom Up evaluation of inherited attributes Recursive Evaluation, Analysis of Syntax directed definition.

**Unit-3** Type Checking & Run Time Environment Type checking: type system, specification of simple type checker, equivalence of expression, types, type conversion, overloading of functions and operations, polymorphic functions. Run time Environment: storage organization, Storage allocation strategies, parameter passing, dynamic storage allocation , Symbol table

**Unit –4** Code Generation Intermediate code generation: Declarations, Assignment statements, Boolean expressions, Case statements, Back patching, Procedure calls Code Generation: Issues in the design of code generator, Basic block and flow graphs, Register allocation and assignment, DAG representation of basic blocks, peephole optimization, generating code from DAG.

**Unit –5** Code Optimization Introduction to Code optimization: sources of optimization of basic blocks, loops in flow graphs, dead code elimination, loop optimization, Introduction to global data flow analysis, Code Improving transformations ,Data flow analysis of structure flow graph Symbolic debugging of optimized code.

**List of Experiments:**

[1]. Develop a lexical analyzer to recognize a few patterns.
[2]. Write a programme to parse using Brute force technique of Topdown parsing.
[3]. Develop LL (1) parser (Construct parse table also). Develop an operator precedence parser (Construct parse table also)
[4]. Develop a recursive descent parser
[5]. Write a program for generating for various intermediate code forms i)Three address code ii) Polish notation
[6]. Write a program to simulate Heap storage allocation strategy Generate Lexical analyzer using LEX Generate YACC specification for a few syntactic categories.
[7]. Given any intermediate code form implement code optimization techniques Study of an Object Oriented Compiler.

**References:**


[1]. A. V. Aho, R. Sethi, and J. D. Ullman. Compilers: Principles, Techniques and Tools , Pearson Education

[2]. Raghavan, Compiler Design, TMH Pub.

[3]. Louden. Compiler Construction: Principles and Practice, Cengage Learning

[4]. A. C. Holub. Compiler Design in C , Prentice-Hall Inc., 1993.

[5]. Mak, writing compiler & Interpreters, Willey Pub.

**Unit-1** Introduction to distributed systems Architecture for Distributed System, Goals of Distributed system, Hardware and Software concepts, Distributed Computing Model, Advantages & Disadvantage distributed system, Issues in designing Distributed System,

**Unit-2** Distributed Share Memory And Distributed File System Basic Concept of Distributed Share Memory (DSM), DSM Architecture & its Types, Design & Implementations issues In DSM System, Structure of Share Memory Space, Consistency Model, and Thrashing. Desirable features of good Distributed File System, File Model, File Service Architecture, File Accessing Model, File Sharing Semantics, File Catching Scheme, File Application & Fault tolerance. Naming: - Features, System Oriented Names, Object Locating Mechanism, Human Oriented Name.

**Unit-3** Inter Process Communication And Synchronization API for Internet Protocol, Data Representation & Marshaling, Group Communication, Client Server Communication, RPC- Implementing RPC Mechanism, Stub Generation, RPC Messages. Synchronization: - Clock Synchronization, Mutual Exclusion, Election Algorithms:- Bully & Ring Algorithms.

**Unit-4** Distributed Scheduling And Deadlock Distributed Scheduling-Issues in Load Distributing, Components for Load Distributing Algorithms, Different Types of Load Distributing Algorithms, Task Migration and its issues. Deadlock-Issues in deadlock detection & Resolutions, Deadlock Handling Strategy, Distributed Deadlock Algorithms,

**Unit-5** Distributed Multimedia & Database system Distributed Data Base Management System(DDBMS), Types of Distributed Database, Distributed Multimedia:- Characteristics of multimedia Data, Quality of Service Managements. Case Study of Distributed System:- Amoeba, Mach, Chorus

**References:**

[1]. Sinha, Distributed Operating System Concept & Design, PHI
[2]. Coulouris & Dollimore, Distributed System Concepts and Design, Pearson Pub
[3]. Singhal & Shivratari, Advance Concept in Operating System, McGraw Hill
[4]. Attiya & Welch, Distributed Computing, Wiley Pub.

Unit-1 Introduction: Historical development ,Vision of Cloud Computing, Characteristics of cloud computing as per NIST , Cloud computing reference model ,Cloud computing environments, Cloud services requirements, Cloud and dynamic infrastructure, Cloud Adoption and rudiments .Overview of cloud applications: ECG Analysis in the cloud, Protein structure prediction, Gene Expression Data Analysis ,Satellite Image Processing ,CRM and ERP ,Social networking .

Unit-2 Cloud Computing Architecture: Cloud Reference Model, Types of Clouds, Cloud Interoperability & Standards, Scalability and Fault Tolerance, Cloud Solutions: Cloud Ecosystem, Cloud Business Process Management, Cloud Service Management. Cloud Offerings: Cloud Analytics, Testing Under Control, Virtual Desktop Infrastructure.

Unit –3 Cloud Management & Virtualization Technology: Resiliency, Provisioning, Asset management,Conceps of Map reduce , Cloud Governance, High Availability and Disaster Recovery. Virtualization: Fundamental concepts of compute ,storage, networking, desktop and application virtualization .Virtualization benefits, server virtualization, Block and file level storage virtualization Hypervisor management software, Infrastructure Requirements , Virtual LAN(VLAN) and Virtual SAN(VSAN) and their benefits .

Unit-4 Cloud Security: Cloud Information security fundamentals, Cloud security services, Design principles, Secure Cloud Software Requirements, Policy Implementation, Cloud Computing Security Challenges, Virtualization security Management, Cloud Computing Secutity Architecture .

Unit-5 Market Based Management of Clouds , Federated Clouds/Inter Cloud: Characterization & Definition ,Cloud Federation Stack , Third Party Cloud Services . Case study : Google App Engine, Microsoft Azure , Hadoop , Amazon , Aneka

**List of Experiments:**

[1]. Installation and configuration of Hadoop/Euceliptus etc.
[2]. Service deployment & Usage over cloud.
[3]. Management of cloud resources.
[4]. Using existing cloud characteristics & Service models .
[5]. Cloud Security Management.
[6]. Performance evaluation of services over cloud

**References:**

[1]. Buyya, Selvi ," Mastering Cloud Computing ",TMH Pub
[2]. Kumar Saurabh, "Cloud Computing" , Wiley Pub
[3]. Krutz , Vines, "Cloud Security " , Wiley Pub
[4]. Velte, "Cloud Computing- A Practical Approach" ,TMH Pub
[5]. Sosinsky, " Cloud Computing" , Wiley Pub

**Sub Code : CS 704 Sub Name : –Information Storage Management 4 Credits**

Unit-1 Introduction to Storage Technology: Data proliferation, evolution of various storage technologies, Overview of storage infrastructure components, Information Lifecycle Management, Data categorization.

Unit-2 Storage Systems Architecture: Intelligent disk subsystems overview, Contrast of integrated vs. modular arrays, Component architecture of intelligent disk subsystems, Disk physical structure components, properties, performance, and specifications, RAID levels & parity algorithms, hot sparing, Front end to host storage provisioning, mapping and operation.

Unit-3 Introduction to Networked Storage: JBOD, DAS, NAS, SAN & CAS evolution and comparision. Applications, Elements, connectivity, standards, management, security and limitations of DAS, NAS, CAS & SAN.

Unit -4 Hybrid Storage solutions; Virtualization: Memory, network, server, storage & appliances. Data center concepts & requirements, Backup & Disaster Recovery: Principles Managing & Monitoring: Industry management standards (SNMP, SMI-S, CIM), standard framework applications, Key management metrics (Thresholds, availability, capacity, security, performance).

Unit-5 Information storage on cloud :Concept of Cloud, Cloud Computing, storage on Cloud, Cloud Vocabulary, Architectural Framework, Cloud benefits, Cloud computing Evolution, Applications & services on cloud, Cloud service providers and Models, Essential characteristics of cloud computing, Cloud Security and integration.

**References:**


[1]. G. Somasundaram & Alok Shrivastava (EMC Education Services) editors; Information Storage and Management: Storing, Managing, and Protecting Digital Information; Wiley India.

[2]. Ulf Troppens, Wolfgang Mueller-Friedt, Rainer Erkens, Rainer Wolafka, Nils Haustein; Storage Network explained : Basic and application of fiber channels, SAN, NAS, iSESI, INFINIBAND and FCOE, Wiley India.

[3]. John W. Rittinghouse and James F. Ransome; Cloud Computing : Implementation , Management and Security, CRC Press, Taylor Frances Pub.

[4]. Nick Antonopoulos, Lee Gillam; Cloud Computing : Principles, System & Application, Springer.

[5]. Anthony T. Velete, Toby J.Velk, and Robert Eltenpeter, Cloud Computing : A practical Approach, TMH Pub.

[6]. Saurabh , Cloud Computing : Insight into New Era I

**Unit 1** Introduction to Network Security, Computer Securit y and Cyber Security. Security Terminologies and Principle, Security Threats, Types of attacks (Operating System, application level, Shrink Wrap code, Misconfiguration attacks etc.). Introduction to Intrusion, Terminologies, Intrusion Detection System (IDS), Types of Intrusion Detection Systems, System Integrity Verifiers (SIVS).Indication of Intrusion: System Indications, File System Indications Network Indications. Intrusion Detection Tools ,Post attack IDS Measures & Evading IDS Systems. Penetration Testing, Categories of security assessments, Vulnerability Assessment, Types of Penetration Testing. Risk Management.

Unit 2 Cryptography, Classical Cryptographic Techniques, Encryption, Decryption, Code Breaking: Methodologies, Cryptanalysis, Cryptography Attacks, Brute-Force Attack, Use of Cryptography. Public key cryptography, Principles of Public key Cryptosystems, Cryptographic Algorithms RSA, Data Encryption Standard (DES), RC4, RC5, RC6, Blowfish, Key Management, DiffieHellman key exchange, elliptic curve cryptography.

Unit 3 Hash Functions, One-way Hash Functions, SHA (Secure Hash Algorithm), Authentication Requirements, Authentication Functions, Kerberos. Message Authentication codes ,Message Digest Functions, MD5, SSL (Secure Sockets Layer), SSH (Secure Shell), Algorithms and Security, Disk Encryption, Government Access to Keys (GAK) Digital Signature: Analysis, Components, Method, Applications, Standard, Algorithm: Signature Generation/Verification, ECDSA, ElgamaI Signature Scheme, Digital Certificates.

Unit 4 Trojans and Backdoors: Overt and Covert Channels, Working, Types (Remote Access Trojans, Data-Sending Trojans, Destructive Trojans, Trojans, Proxy Trojans, FTP Trojans, Security Software Disablers). Viruses and Worms: Characteristics, Working, Infection Phase, Attack Phase. Sniffers: Definition, spoofing, Sniffing, Vulnerable Protocols, Types. Phishing: Methods, Process, Attacks Types (Man-in-the-Middle Attacks, URL Obfuscation Attacks, Hidden Attacks, Client-side Vulnerabilities, Deceptive Phishing, Malware-Based Phishing, DNSBased Phishing, Content-Injection Phishing, Search Engine Phishing). Web Application Security- Secured authentication mechanism, secured session management, Cross-site Scripting, SQL Injection and other vulnerabilities Denial-of Service Attacks: Types of Attacks (Smurf Attack, Buffer Overflow Attack, Ping of Death Attack, Teardrop Attack, SYN Attack, SYN Flooding), DDoS Attack(Distributed DoS Attack.), Session Hijacking, Spoofing v Hijacking, TCP/IP hijacking, CAPTCHA Protection

Unit 5 IP Security, Web Security, Firewalls: Types, Operation, Design Principles, Trusted Systems. Computer Forensics, Need, Objectives,Stages & Steps of Forensic Investigation in Tracking Cyber Criminals, Incident Handling. Hacking, Classes of Hacker (Black hats, grey hats, white hats, suicide hackers), Footprinting, Scanning (Types-Port, Network, Vulnerability), E-Mail Spiders, Overview of System Hacking Cycle.

**References:**


[1]. William Stallings, "Cryptography and Network Security: Principles and Practice" Pearson

[2]. Charlie Kaufman, Radia Perlman, Mike Speciner, Michael Speciner, " Network Security - Private communication in a public world" TMH

[3]. Fourozon, "Cryptography & Network Security" TMH

[4]. Joseph Migga Kizza, Computer Network Security, , Springer International Edition

[5]. Atul Kahate,"Cryptography and Network Security" Mc Graw Hill

[6]. Carl Endorf, Eugene Schultz, Jim Mellander "INTRUSION DETECTION & PREVENSION" TMH

[7]. Neal, Krawetz, Introduction to Network Security,Cengage Learning

Unit-1 Introduction to Modeling and Simulation Nature of Simulation. Systems , Models and Simulation, Continuous and Discrete Systems, system modeling, concept of simulation, Components of a simulation study, Principles used in modeling Static and Dynamic physical models, Static and Dynamic Mathematical models Introduction to Static and Dynamic System simulation , Advantages ,Disadvantages and pitfalls of Simulation.

Unit-2 System Simulation and Continuous System Simulation Types of System Simulation, Monte Carlo Method, Comparision of analytical and Simulation methods, Numerical Computation techniques for Continuous and Discrete Models, Distributed Lag Models, Cobweb Model. Continuous System models, Analog and Hybrid computers, DigitalAnalog Simulators, Continuous system simulation languages ,Hybrid simulation ,Real Time simulations.

Unit –3 System Dynamics & Probability concepts in Simulation Exponential growth and decay models, logistic curves ,Generalization of growth models , System dynamics diagrams, Multi segment models , Representation of Time Delays. Discrete and Continuous probability functions, Continuous Uniformly Distributed Random Numbers, Generation of a Random numbers, Generating Discrete distributions, Non-Uniform Continuously Distributed Random Numbers, Rejection Method.

Unit-4 Simulation of Queueing Systems and Discrete System Simulation Poisson arrival patterns, Exponential distribution, Service times, Normal Distribution Queuing Disciplines, Simulation of single and two server queue. Application of queuing theory in computer system. Discrete Events ,Generation of arrival patterns, Simulation programming tasks, Gathering statistics, Measuring occupancy and Utilization, Recording Distributions and Transit times .

Unit-5 Introduction to Simulation languages and Analysis of Simulation output GPSS: Action times, Succession of events, Choice of paths, Conditional transfers, program control statements . SIMSCRIPT: Organization of SIMSCRIPT Program, Names & Labels, SIMSCRIPT statements . Estimation methods , Relication of Runs, Batch Means , Regenerative techniques , Time Series Analysis , Spectral Analysis and Autoregressive Processes.

**References:**

[1]. Gorden G., System simulation, Prentice Hall.
[2]. Seila, Simulation Modeling, Cengage Learning
[3]. Law ,Simulation Modeling And Analysis, McGraw Hill
[4]. Deo, System Simulation with Digital Computer, PHI
**[5].**Harrington, Simulation Modeling methods, McGraw Hill
**[6].**Severance, " System Modeling & Simulation, Willey Pub

Marks of various components in industry should be awarded to the students, in consultations with the Training and Placement Officer/Faculty of Institute, Who must establish contact with the supervisor/Authorities of the organisation where, students have taking training to award the marks for term work and I/c of training from Industry. During training students will prepare a first draft of training report in consultation with section in-charge. After training they will prepare final draft with the help of T.P.O./Faculty of the institute. Then they will present a seminar on their training and they will face viva-voce on training in the institute.

### 1.1 OBJECTIVE OF INDUSTRIAL TRAINING

The objective of undertaking industrial training is to provide work experience so that student's engineering knowledge is enhanced and employment prospects are improved. The student should take this course as a window to the real World of Work and should try to learn as much as possible from real life experiences by involving and interacting with industry staff. Industrial training also provides an opportunity to students to select an engineering problem and possibly an industry guide for their Major Project in final semester. Industrial training of the students is essential to bridge the wide gap between the classroom and industrial environment. This will enrich their practical learning and they will be better equipped to integrate the practical experiences with the classroom learning process.

### 1.2 LEARNING THROUGH INDUSTRIAL TRAINING

During industrial training students must observe following to enrich their learning:

- Industrial environment and work culture.
- Organisational structure and inter personal communication.
- Machines/ equipment/ instruments - their working and specifications.
- Product development procedures and phases.
- Project planning, monitoring and control.
- Quality control and assurance.
- Maintenance system.
- Costing system.
- Stores and purchase systems.
- Layout of Computer/ EDP/MIS centres.
- Roles and responsibilities of different categories of personnel.
- Customer services.
- Problems related to various areas of Work etc.

Faculty and TPO are supposed to plan industrial training in such a manner that students get exposure on most of the above arena in the field (world of work). Students are supposed to acquire the knowledge on above by -

1. Observation,
2. Interaction with officials at the workplace
3. Study of Literature at the workplace (e.g. User Manual, standards, maintenance schedules, etc.)
4. "Hand's on" experience
5. Undertaking / assisting project work.
6. Solving problems at the work place.
7. Presenting a seminar.
8. Participating in-group meeting/ discussion.
9. Gathering primary and secondary data/ information through various sources, Storage, retrieval and analysis of the gathered data.
10. Assisting officials and managers in their working.
11. Undertaking a short action research work.
12. Consulting current technical journals and periodicals in the library.
13. Discussions with peers.

### 1.3 GUIDANCE TO THE FACULTY/TPO FOR PLANNING AND IMPLEMENTING THE INDUSTRIAL TRAINING

The industrial training programme, which is spread to 4 weeks' duration, has to be designed inconsultation with the authorities of the work place, keeping in view the need of the contents. Following are some of the salient points:

- Spelling out the objectives of the industrial training in behavioral terms and same is informed in advance to the 1) students, 2) authorities of the work place and 3) supervising faculty members.
- Discussing and preparing students for the training for which meetings with the students has to be planned.
- Meeting with industrial personnel and orienting them regarding the objective of the training and the expectations of the programme.
- Correspondence with the authorities of the work place. Orientation classes for students on how to make the training most beneficial - monitoring daily diary, writing weekly reports, how to interact with various categories of industrial personnel, how to behave and undertake responsibilities, how to gather information from the workplace, ethics etc.
- Guiding students to make individual plans (week wise/ day wise) to undertake industrial training
- Developing a system of maintaining training records, by teachers for every batch of students for convenient retrieval.
- Inviting industrial personnel to deliver lectures on some aspects of training.

## 1.4 ACTION PLAN FOR PLANNING STAGES AT THE INSTITUTION LEVEL

| S.No. | Activity Commencing | Week Finishing week | Remarks |
|---|---|---|---|
| 1. | Meeting with Principal | | |
| 2. | Meeting with Colleagues | | |
| 3. | Correspondence with work place(Industries concerned) | | |
| 4. | Meeting with authorities ofwork place | | |
| 5. | Orientation of students for industrial training | | |
| 6. | Scrutinizing individual training plan of students | | |
| 7. | Commencement of industrial training | | |
| 8. | First monitoring of industrial training | | |
| 9. | Second monitoring of industrial training | | |
| 10. | Finalization of Training report | | |
| 11. | Evaluation of performance at Industry level | | |
| 12. | Evaluation of industrial programme in the institution. | | |

## 1.5 INDUSTRIAL TRAINING DAILY DIARY

Name of the Trainee:.....College:.....
Industry/Work place:.....Week No.:.....
Department/Section:.....Date:.....

| Dates | Brief of observations made, work done, problem/project undertaken, discussion held,literature-consulted etc. |
|---|---|

The Major Project Work provides students an opportunity to do something on their own and under the supervision of a guide. Each student shall work on an approved project, which may involve fabrication, design or investigation of a technical problem that may take design, experimental or analytical character or combine element of these areas. The project work involves sufficient work so that students get acquainted with different aspects of manufacture, design or analysis. The students also have to keep in mind that in final semester they would be required to implement whatever has been planned in the Major Project in this semester. It is possible that a work, which involves greater efforts and time may be taken up at this stage and finally completed in final semester, but partial completion report should be submitted in this semester and also evaluated by an external examiner. At the end of semester, all students are required to submit a synopsis.

| Sub Code: HU224P | Sub Name: Yoga (Internal Assessment) | 0 Credits |
|---|---|---|

**Objective:** To develop physical fitness and mental peace among students

**UNIT I**
YOG & PRANAYAM::Introduction, benefits of pranayam, Asan

**UNIT II**
Meditation – Agnai, Asanas, Kiriyas, Bandas, Muthras, benefits of Agnai Meditation

**UNIT III**
Benefits of santhi Meditation Kayakalpa Yoga Asanas, Kiriyas, Bandas, Muthras Meditation Santhi

**UNIT IV**
Meditation Thuriyam Kayakalpa Asanas, Kiriyas, Bandas, Muthras Benefits of Thuriyam

**UNIT V**
Meditation Thuriyam Kayakalpa Asanas, Kiriyas, Bandas, Importance of Arutkappy & muhurtas Meditation Santhi Kayakalpa Asanas, Kiriyas, Bandas, Muthras

**UNIT VI NATIONAL SPORTS ORGANISATION (NSO)**
Each student must select two of the following games and practice for two hours per week. An attendance of 80% is compulsory to earn the credits specified in the curriculum. List of games:

- Basket Ball
- Football
- Volley Ball
- Badminton
- Cricket
- Throw ball

**References**

1.PrāāyāmaRahaSyaBookbyRamdev
2. Sampoorn Yog Vidhya by Rajiv Jain Trilok
3. Light on Yoga: The Classic Guide to Yoga by the World's Foremost Authority by B.K.S. Iyengar

**Sub Code : CS 801** **Sub Name : – Soft Computing** **4 Credits**

Unit – 1 Soft Computing : Introduction of soft computing, soft computing vs. hard computing, various types of soft computing techniques, applications of soft computing. Artificial Intelligence : Introduction, Various types of production systems, characteristics of production systems, breadth first search, depth first search techniques, other Search Techniques like hill Climbing, Best first Search, A* algorithm, AO* Algorithms and various types of control strategies. Knowledge representation issues, Prepositional and predicate logic, monotonic and non monotonic reasoning, forward Reasoning, backward reasoning, Weak & Strong Slot & filler structures, NLP.

Unit – 2 Neural Network : Structure and Function of a single neuron: Biological neuron, artificial neuron, definition of ANN, Taxonomy of neural net, Difference between ANN and human brain, characteristics and applications of ANN, single layer network, Perceptron training algorithm, Linear separability, Widrow & Hebb;s learning rule/Delta rule, ADALINE, MADALINE, AI v/s ANN. Introduction of MLP, different activation functions, Error back propagation algorithm, derivation of BBPA, momentum, limitation, characteristics and application of EBPA,

Unit – 3 Counter propagation network, architecture, functioning & characteristics of counter Propagation network, Hopfield/ Recurrent network, configuration, stability constraints, associative memory, and characteristics, limitations and applications. Hopfield v/s Boltzman machine. Adaptive Resonance Theory: Architecture, classifications, Implementation and training. Associative Memory.

Unit – 4 Fuzzy Logic: Fuzzy set theory, Fuzzy set versus crisp set, Crisp relation & fuzzy relations, Fuzzy systems: crisp logic, fuzzy logic, introduction & features of membership functions, Fuzzy rule base system : fuzzy propositions, formation, decomposition & aggregation of fuzzy rules, fuzzy reasoning, fuzzy inference systems, fuzzy decision making & Applications of fuzzy logic.

Unit – 5 Genetic algorithm : Fundamentals, basic concepts, working principle, encoding, fitness function, reproduction, Genetic modeling: Inheritance operator, cross over, inversion & deletion, mutation operator, Bitwise operator, Generational Cycle, Convergence of GA, Applications & advances in GA, Differences & similarities between GA & other traditional methods.

**References :**


[1]. S, Rajasekaran & G.A. Vijayalakshmi Pai, Neural Networks, Fuzzy Logic & Genetic Algorithms, Synthesis & applications, PHI Publication.

[2]. S.N. Sivanandam & S.N. Deepa, Principles of Soft Computing, Wiley Publications

[3]. Rich E and Knight K, Artificial Intelligence, TMH, New Delhi.

[4]. Bose, Neural Network fundamental with Graph , Algo.& Appl, TMH

[5]. Kosko: Neural Network & Fuzzy System, PHI Publication

[6]. Klir & Yuan ,Fuzzy sets & Fuzzy Logic: Theory & Appli.,PHI Pub.

**[7].**Hagen, Neural Network Design, Cengage Learning

UNIT-1 Web Engineering: Introduction, History, Evolution and Need, Time line, Motivation, Categories & Characteristics of Web Applications, Web Engineering Models, Software Engineering v/s Web Engineering. World Wide Web: Introduction to TCP/IP and WAP, DNS, Email, TelNet, HTTP and FTP. Browser and search engines: Introduction, Search fundamentals, Search strategies, Directories search engines and Meta search engines, Working of the search engines. Web Servers: Introduction, Features, caching, case study-IIS, Apache.

UNIT- 2 Information Architecture: Role, Collaboration and Communication, Organizing Information, Organizational Challenges, Organizing Web sites parameters and Intranets Website Design: Development, Development phases, Design issues, Conceptual Design, High-Level Design, Indexing the Right Stuff, Grouping Content. Architectural Page Mockups, Design Sketches, Navigation Systems. Searching Systems, Good & bad web design, Process of Web Publishing. Web-site enhancement, submission of website to search engines. Web security: issues, security audit. Web effort estimation, Productivity Measurement, Quality usability and reliability. Requirements Engineering for Web Applications: Introduction, Fundamentals, Requirement Source, Type, ,Notations Tools. Principles Requirements Engineering Activities, Adapting RE Methods to Web Application.

UNIT- 3 Technologies for Web Applications I: HTML and DHTML: Introduction, Structure of documents, Elements, Linking, Anchor Attributes, Image Maps, Meta Information, Image Preliminaries, Layouts, Backgrounds, Colors and Text, Fonts, Tables, Frames and layers, Audio and Video Support with HTML Database integration, CSS, Positioning with Style sheets, Forms Control, Form Elements. Introduction to CGI, PERL, JAVA SCRIPT, JSP, PHP, ASP & AJAX. Cookies: Creating and Reading

UNIT-4 Technologies for Web Applications II: XML: Introduction, HTML Vs XML, Validation of documents, DTD, Ways to use, XML for data files, Embedding XML into HTML documents, Converting XML to HTML for Display, Displaying XML using CSS and XSL, Rewriting HTML as XML, Relationship between HTML, SGML and XML, web personalization , Semantic web, Semantic Web Services, Ontology.

UNIT- 5 E- Commerce: Business Models, Infrastructure, Creating an E-commerce Web Site, Environment and Opportunities. Modes & Approaches, Marketing & Advertising Concepts. Electronic Publishing issues, approaches, legalities and technologies, Secure Web document, Digital Signatures and Firewalls, Cyber crime and laws, IT Act. Electronic Cash, Electronic Payment Systems: RTGS, NEFT, Internet Banking, Credit/Debit Card. Security: Digital Certificates & Signatures, SSL, SET, 3D Secure Protocol.

Suggested Experiments: At least ten practical experiments based on above syllabus and a mini project is desirable to be completed by a group of three that cover following.

1. HTML/ DHTML

2. PHP

3. XML

4. Java Script, CGI, PERL

5. ASP

6. Configuration of Web Servers.

**References:**


[1]. Roger S.Pressman, David Lowe, "Web Engineering", Tata Mc Graw Hill Publication, 2007
[2]. Achyut S Godbole and Atul Kahate, "Web Technologies", Tata McGraw Hill
[3]. Gopalan N P , Akilandeswari, "Web Technology: A Developer s Perspective" , PHI
[4]. Neil Gray, "Web server Programming" Wiley
[5]. Chris Bates, "Web Programming: Building Internet applications" Wiley
[6]. Moller, "An Introduction to XML and Web Technologies", Pearson Education New Delhi, 2009
[7]. "Web Technologies: Black Book", Kogent, Dreamtech
[8]. Internet & World Wide Web How to Program, Pearson education, 3rd edition, by: H.M. Deitel, P.J. Deitel, A.B. Goldberg.
[9]. C. Xavier, "Web Technology & Design ", Tata McGraw Hill.
[10]. Ivan Bay Ross, "HTML,DHTML,Java script,Perl CGI" , BPB

Unit-1 Introduction to Network Managements, Network Management Framework, Network Based Managements, Evolution of Network Management: SGMP, CMIP, SNMP. Network Implementation and Management Strategies, Network Management Categories: Performance Management, Fault Management, Configuration Management, Security Managements, Accounting Managements. Network Management Configuration: Centralized Configuration, Distributed Configuration. Selected Management Strategy.

Unit –2 Management Information Base (MIB), Structure of Management Information, NMS Presentation of the SMI, NMS Meter-ware Network View. Remote Monitoring (RMON), RMON Group. Desktop Management: Desktop Management Interface(DMI), DMI Architecture, DMI Browser, DMI/SNMP Mapping, Desktop SNMP Extension Agents. Setting up LAN Access, SNMP Configuration.

Unit-3 Introduction, layering, OSI Layering, TCP/IP Layering, Protocols & Standards, Internet standards, Internet administration, Internet Addresses, Internet protocol: introduction, IP header, IP routing, subnet addressing, subnet mask, special case of IP addresses, Comparative Study of IPV4 & IPV6, port numbers Address Resolution Protocol, ARP packet format, Proxy ARP, ARP command, ARP Example, Reverse Address Resolution Protocol (RARP): Introduction, RARP Packet format, RARP Examples, RARP server design

Unit-4 Delivery and Routing of IP Packets, Routing Methods, Static versus Dynamic Routing, Routing table and Routing Module, Classless Addressing: CIDR. Internet Protocol (IP), Datagram, Fragmentation, Options, IP Package. Interior and Exterior Routing, Routing information protocol (RIP), Open shortest path first protocol (OSPF), BGP, GGP. Private Networks. Virtual Private Network (VPN), Network Address Translation (NAT).

Unit –5 Internet Control Message Protocols (ICMP):- Types of message, message format, error reporting, query, checksum, ICMP Package. IGMP, IGMP Message and its Operation, IGMP Package. Transmission control protocol, Process-to-Process Communication, TCP Services Flow Control, TCP Timers. TCP Operation, TCP Package.. Application layers protocol, Telnet Protocol, File Transfer Protocol (FTP), Simple Mail Transfer Protocol (SMTP), X-Window system protocol, Remote procedure call, and Network file system.

**References:**

[1]. Forouzan, TCP/IP Protocol Suite 4th edition, TMH
[2]. J.Richard Burkey, Network Management Concept and Practice, PHI
[3]. Stevens, TCP/IP Illustrated Volume-I, Pearson
[4]. Tittel: TCP/IP, Cenage Learning
[5]. Uyless Black, TCP/IP and related protocols, McGraw Hill.
[6]. Doughals E. Comer, Internetworking with TCP/IP Vol. I, Principles, Protocols, and Architecture, Prentice Hall, India.

Unit 1 Introduction of Cyber Crime, Challenges of cyber crime, Classifications of Cybercrimes: E-Mail Spoofing, Spamming, Internet Time Theft, Salami attack/Salami Technique, Data Diddling, Web jacking, Online Frauds, Software Piracy, Computer Network Intrusions, Password Sniffing, Identity Theft, cyber terrorism, Virtual Crime , Perception of cyber criminals: hackers, insurgents and extremist group etc. Web servers hacking, session hijacking.

Unit 2 Cybercrime on Mobile and Wireless Device: Proliferation of Mobile and Wireless Devices, trends in Mobility Credit Card Frauds in Wireless Computing, Types and techniques of Credit Card Frauds, Attacks on Mobiles: Mobile Viruses, Mishing, Vishing, Smishing & Hacking Bluetooth. Web servers hacking, session hijacking.

Unit 3 Tools and Methods in Cybercrime: Proxy Servers and Anonymizers, Password Cracking, Keyloggers and Spyware, virus and worms, Trojan Horses, Backdoors, DoS and DDoS Attacks , Buffer and Overflow, Attack on Wireless Networks, Phishing : Method of Phishing, Phishing Techniques.

Unit 4 Cyber Crime and Criminal justice: Concept of Cyber Crime and the IT Act, 2000, Hacking, Teenage Web Vandals, Cyber Fraud and Cheating, Defamation, Harassment and E-mail Abuse, Other IT Act Offences, Monetary Penalties, jurisdiction and Cyber Crimes, Nature of Criminality, Strategies to tackle Cyber Crime and Trends. The Indian Evidence Act of 1872 v. Information Technology Act, 2000: Status of Electronic Records as Evidence, Proof and Management of Electronic Records; Relevancy, Admissibility and Probative Value of E-Evidence, Proving Digital Signatures, Proof of Electronic Agreements, Proving Electronic Messages.

Unit 5 Introduction to Cyber Forensics: Information Security Investigations, Corporate Cyber Forensics, Scientific Method in Forensic analysis, investigating large scale Data breach cases. Analyzing Malicious software. Types of Computer Forensics Technology, Types of Business Computer Forensic Technology, Specialized Forensics Techniques.

**References**

[1]. Principles of Cyber crime, Jonathan Clough Cambridge University Press
[2]. John R. Vacca, Computer Forensics:Computer Crime Scene Investigation, 2nd Edition, CharlesRiver Media, 2005
[3]. Cyber Law Simplified, Vivek Sood, Pub: TMH.
[4]. Cyber Security by Nina Godbole, Sunit Belapure Pub: Willey-India
[5]. Information Warfare : Corporate attack and defense in digital world, William Hutchinson, Mathew Warren, Elsevier.
[6]. Cyber Laws and IT Protection, Harish Chander, Pub:PHI.

**Sub Code : CS8203 Sub Name : – Data Mining and Knowledge Discovery 4 Credits**

Unit-1 Introduction, to Data warehousing, needs for developing data Warehouse, Data warehouse systems and its Components, Design of Data Warehouse, Dimension and Measures, Data Marts:-Dependent Data Marts, Independents Data Marts & Distributed Data Marts, Conceptual Modeling of Data Warehouses:-Star Schema, Snowflake Schema, Fact Constellations. Multidimensional Data Model & Aggregates.

Unit-2 OLAP, Characteristics of OLAP System, Motivation for using OLAP, Multidimensional View and Data Cube, Data Cube Implementations, Data Cube Operations, Guidelines for OLAP Implementation, Difference between OLAP & OLTP, OLAP Servers:-ROLAP, MOLAP, HOLAP Queries.

UNIT-3 Introduction to Data Mining, Knowledge Discovery, Data Mining Functionalities, Data Mining System categorization and its Issues. Data Processing :- Data Cleaning, Data Integration and Transformation. Data Reduction, Data Mining Statistics. Guidelines for Successful Data Mining.

Unit-4 Association Rule Mining:-Introduction, Basic, The Task and a Naïve Algorithm, Apriori Algorithms, Improving the efficiency of the Apriori Algorithm, Apriori-Tid, Direct Hasing and Pruning(DHP),Dynamic Itemset Counting (DIC), Mining Frequent Patterns without Candidate Generation(FP-Growth),Performance Evaluation of Algorithms,.

Unit-5 Classification:-Introduction, Decision Tree, The Tree Induction Algorithm, Split Algorithms Based on Information Theory, Split Algorithm Based on the Gini Index, Overfitting and Pruning, Decision Trees Rules, Naïve Bayes Method. Cluster Analysis:-Introduction, Desired Features of Cluster Analysis, Types of Cluster Analysis Methods:-Partitional Methods, Hierarchical Methods, Density- Based Methods, Dealing with Large Databases. Quality and Validity of Cluster Analysis Methods.

**References:**


[1]. Berson: Data Warehousing & Data Mining &OLAP , TMH
[2]. Jiawei Han and Micheline Kamber, Data Mining Concepts & Techniques, Elsevier Pub.
[3]. Arun.K.Pujari, Data Mining Techniques, University Press.
[4]. N.P Gopalan: Data Mining Technique & Trend, PHI
[5]. Hand, Mannila & Smith: Principle of Data Mining, PHI
[6]. Tan, Introduction to Data Mining, Pearson Pub.

Unit-1 Introduction Introduction to bioinformatics, objectives of bioinformatics, Basic chemistry of nucleic acids, structure of DNA & RNA, Genes, structure of bacterial chromosome, cloning methodology, Data maintenance and Integrity Tasks.

Unit-2 Bioinformatics Databases & Image Processing Types of databases, Nucleotide sequence databases, Protein sequence databases, Protein structure databases, Normalization, Data cleaning and transformation, Protein folding, protein function, protein purification and characterization, Introduction to Java clients, CORBA, Using MYSQL, Feature Extraction.

Unit-3 Sequence Alignment and database searching Introduction to sequence analysis, Models for sequence analysis, Methods of optimal alignment, Tools for sequence alignment, Dynamics Programming, Heuristic Methods, Multiple sequence Alignment

Unit-4 Gene Finding and Expression Cracking the Genome, Biological decoder ring, finding genes through mathematics & learning, Genes prediction tools, Gene Mapping, Application of Mapping, Modes of Gene Expression data, Mining the Gene Expression Data

Unit-5 Proteomics & Problem solving in Bioinformatics Proteome analysis, tools for proteome analysis, Genetic networks, Network properties and analysis, complete pathway simulation: E-cell, Genomic analysis for DNA & Protein sequences , Strategies and options for similarity search , flowcharts for protein structure prediction .

**References:**

[1]. Gopal & Jones, BIOINFORMATICS with fundamentals of Genomics & Proteomics ,TMH Pub
[2]. Rastogi , Bioinformatics –Concepts , skills & Applications , CBS Pub
[3]. Bergeron , Bioinformatics computing , PHI
[4]. Claverie , Bioinformatics , Wiley pub
[5]. Baxevanis , Bioinformatics , Wiley Pub
[6]. Stekel , Micrarray BioInformatics , Cambridge

Unit-1 Digital Image fundamentals, A simple image model, Sampling and Quantization. Relationship between pixels. Imaging geometry. Image acquisition systems, Different types of digital images

Unit-2 Image transformations, Introduction to Fourier transforms, Discrete Fourier transforms, Fast Fourier transform, Walsh transformation, Hadmord transformation, Discrete Cosine Transformation.

Unit-3 Image enhancement, Filters in spatial and frequency domains, Histogram based processing. Image subtraction, Averaging, Image smoothing, Nedion filtering, Low pass filtering, Image sharpening by High pass filtering.

Unit-4 Image encoding and segmentation, Encoding: Mapping, Quantizer, Coder. Error free compression, Lossy Compression schemes. JPEG Compression standard. Detection of discontinuation by point detection, Line detection, edge detection, Edge linking and boundary detection, Local analysis, Global processing via Hough transforms and graph theoretic techniques

Unit-5 Mathematical morphology- Binary, Dilation, crosses, Opening and closing, Simple methods of representation, Signatures, Boundary segments, Skeleton of a region, Polynomial approximation

**References:**

[1]. Rafael C Gonzalez, Richard E Woods 3rd Edition, Digital Image Processing Pearson.
[2]. Rafael C Gonzalez, Richard E Woods 3rd Edition, Digital Image Processing using Matlab – TMH.
[3]. Sonka, Digital Image Processing & Computer Vision , Cengage Learning
[4]. Jayaraman, Digital Image Processing, TMH. 5. Pratt, Digital Image Processing, Wiley India
**[5].** Annadurai, Fundamentals of Digital Image Processing ,Pearson Education .

Unit 1 Introduction of Wireless Networks, Different Generations of Wireless Networks. Characteristics of the Wireless Medium: Radio Propagation Mechanisms, Path Loss Modelling and Signal Coverage, Effect of Multipath and Doppler, Channel Measurement and Modelling Techniques.

Unit 2 Network Planning: Introduction, Wireless Network Topologies, Cellular Topology, Cell Fundamentals, Signal to Interferences Radio Calculations, Network Planning for CDMA Systems. Wireless Network Operations: Mobility Management, Radio Resources and Power Management

Unit 3 Multiple Division Techniques: FDMA, TDMA, CDMA, OFDM, SDMA. Comparison of Multiple Division Techniques, Modulation Techniques – AM, FM, FSK, PSK, QPSK, QAM, 16QAM Mobile Data Networks: Introduction, Data Oriented CDPD Network, GPRS, EDGE and High Data Rates, SMS in GSM, Mobile Application Protocols.

Unit 4 Introduction to Wireless LAN, Evolution of WLAN, Wireless Home Networking, Technologies for Home Area Network (HAN), Overview of IEEE 802.11, Reference Architecture, PHY and MAC Layer, Wireless ATM, HIPERLAN.

UNIT 5 IEEE 802.15 WPAN, HomeRF, Bluetooth, Interference between Bluetooth and 802.11, Adhoc Networks, Introduction to 2.5 G and 3 G Networks.

**References**

[1]. Kaveh Pahlavan, Prashant Krishnamurthy "principles of Wireless Networks", PHI.
[2]. Qing- An Zeng, Dharma Prakash Agrawal "Introduction to Wireless and Mobile Systems" CENGAGE Learning.
[3]. Sumit Kasera, Nishit Narang, A P Priyanka "2.5 G Mobile Networks: GPRS and EDGE", TMH
[4]. Dr. KAMILO FEHER "Wireless Digital Communications" , PHI
[5]. Jochen Schiller " Mobile Communications", PEARSON

The objectives of the course 'Major Project' are

- To provide students with a comprehensive experience for applying the knowledge gained so far by studying various courses.
- To develop an inquiring aptitude and build confidence among students by working on solutions of small industrial problems.
- To give students an opportunity to do some thing creative and to assimilate real life work situation in institution.
- To adapt students for latest developments and to handle independently new situations.
- To develop good expressions power and presentation abilities in students.

The focus of the Major Project is on preparing a working system or some design or understanding of a complex system using system analysis tools and submit it the same in the form of a write-up i.e. detail project report. The student should select some real life problems for their project and maintain proper documentation of different stages of project such as need analysis, market analysis, concept evaluation, requirement specification, objectives, work plan, analysis, design, implementation and test plan. Each student is required to prepare a project report and present the same at the final examination with a demonstration of the working system (if any).

The faculty and student should work according to following schedule:

i) Each student undertakes substantial and individual project in an approved area of the subject and supervised by a member of staff.

ii) The student must submit outline and action plan for the project execution (time schedule) and the same be approved by the concerned faculty.

iii) At all the steps of the project, students must submit a written report of the same.

**Objective of Self study and seminar:**

Objective of Self study and seminar is to improve the MASS COMMUNICATION and CONVINCING/ Understanding skills of students and it is to give student an opportunity to exercise their rights to express themselves.

**Evaluation** will be done by assigned faculty based on group discussion and power point Presentation.

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (All Branches)**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Mechanical Engineering)**

**SEMESTER : Ist SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA110T | Mathematics - I | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CY110T | Chemistry | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | HU110T | English | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 0 | 0 | 3 | 100 |
| 4 | CE110T | Engineering Mechanics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 5 | ME111T | Engineering Graphics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 0 | 0 | 2 | 100 |
| 6 | ML110P | Environmental Sciences* | 00 | 00 | 00 | 00 | 00 | 100 | 1 | 0 | 2 | 2 | 100 |
| 7 | ME110P | Introduction to Mechanical Engineering* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 0 | 4 | 2 | 100 |
| 8 | HU111P | Communication* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 2 | 0 | 2 | 100 |
| 9 | CY110P | Chemistry | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | HU110P | English | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | CE110P | Engineering Mechanics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 12 | ME111P | Engineering Graphics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 4 | 2 | 50 |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **340** | **13** | **5** | **16** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * For ML110, ME110, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Mechanical Engineering)**

**SEMESTER : IInd SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA111T | Mathematics - II | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | PH110T | Physics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | EE110T | Fundamentals of Electrical Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 4 | EC110T | Fundamentals of Electronics Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 5 | ME112T | Concepts in Engineering Design | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 6 | ME113P | Manufacturing Practices* | 00 | 00 | 00 | 00 | 50 | 50 | 1 | 0 | 4 | 3 | 100 |
| 7 | CS110P | Computer Programming* | 00 | 00 | 00 | 00 | 50 | 50 | 2 | 0 | 2 | 3 | 100 |
| 8 | HU112P | Rural Outreach* | 00 | 00 | 00 | 00 | 00 | 150 | 0 | 0 | 6 | 3 | 150 |
| 9 | PH110P | Physics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | EE110P | Fundamentals of Electrical Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | EC110P | Fundamentals of Electronics Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| **Total** | | | **350** | **100** | **50** | **90** | **130** | **280** | **12** | **5** | **18** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Civil Engineering)**

**SEMESTER : Ist SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA110T | Mathematics - I | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CY110T | Chemistry | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | HU110T | English | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 0 | 0 | 3 | 100 |
| 4 | CE110T | Engineering Mechanics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 5 | ME111T | Engineering Graphics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 0 | 0 | 2 | 100 |
| 6 | ML110P | Environmental Sciences* | 00 | 00 | 00 | 00 | 00 | 100 | 1 | 0 | 2 | 2 | 100 |
| 7 | CE111P | Introduction to Civil Engineering* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 0 | 4 | 2 | 100 |
| 8 | HU111P | Communication* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 2 | 0 | 2 | 100 |
| 9 | CY110P | Chemistry | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | HU110P | English | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | CE110P | Engineering Mechanics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 12 | ME111P | Engineering Graphics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 4 | 2 | 50 |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **340** | **13** | **5** | **16** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * For ML110, CE111, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Civil Engineering)**

**SEMESTER : IInd SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA111T | Mathematics - II | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | PH110T | Physics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | CE112T | Introduction to Surveying | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 4 | EC110T | Fundamentals of Electronics Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 5 | ME112T | Concepts in Engineering Design | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 6 | ME113P | Manufacturing Practices* | 00 | 00 | 00 | 00 | 50 | 50 | 1 | 0 | 4 | 3 | 100 |
| 7 | CS110P | Computer Programming* | 00 | 00 | 00 | 00 | 50 | 50 | 2 | 0 | 2 | 3 | 100 |
| 8 | HU112P | Rural Outreach* | 00 | 00 | 00 | 00 | 00 | 150 | 0 | 0 | 6 | 3 | 150 |
| 9 | PH110P | Physics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | CE112P | Introduction to Surveying | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | EC110P | Fundamentals of Electronics Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| **Total** | | | **350** | **100** | **50** | **90** | **130** | **280** | **12** | **5** | **18** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * For ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Electrical & Electronics Engineering)**

**SEMESTER : Ist SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA110T | Mathematics - I | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | PH110T | Physics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | HU110T | English | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 0 | 0 | 3 | 100 |
| 4 | CE110T | Engineering Mechanics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 5 | ME111T | Engineering Graphics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 0 | 0 | 2 | 100 |
| 6 | ML110P | Environmental Sciences* | 00 | 00 | 00 | 00 | 00 | 100 | 1 | 0 | 2 | 2 | 100 |
| 7 | EE111P | Introduction to Electrical Engineering* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 0 | 4 | 2 | 100 |
| 8 | HU111P | Communication* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 2 | 0 | 2 | 100 |
| 9 | PH110P | Physics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | HU110P | English | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | CE110P | Engineering Mechanics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 12 | ME111P | Engineering Graphics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 4 | 2 | 50 |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **340** | **13** | **5** | **16** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * For ML110, EE111, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Electrical & Electronics Engineering)**

**SEMESTER : IInd SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA111T | Mathematics - II | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CY110T | Chemistry | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | ME114T | Fundamentals of Mechanical Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 4 | EC110T | Fundamentals of Electronics Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 5 | ME112T | Concepts in Engineering Design | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 6 | ME113P | Manufacturing Practices* | 00 | 00 | 00 | 00 | 50 | 50 | 1 | 0 | 4 | 3 | 100 |
| 7 | CS110P | Computer Programming* | 00 | 00 | 00 | 00 | 50 | 50 | 2 | 0 | 2 | 3 | 100 |
| 8 | HU112P | Rural Outreach* | 00 | 00 | 00 | 00 | 00 | 150 | 0 | 0 | 6 | 3 | 150 |
| 9 | CY110P | Chemistry | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | ME114P | Fundamentals of Mechanical Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | EC110P | Fundamentals of Electronics Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| **Total** | | | **350** | **100** | **50** | **90** | **130** | **280** | **12** | **5** | **18** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * For ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Electronics & Communication Engineering)**

**SEMESTER : Ist SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA110T | Mathematics - I | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | PH110T | Physics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | HU110T | English | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 0 | 0 | 3 | 100 |
| 4 | CE110T | Engineering Mechanics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 5 | ME111T | Engineering Graphics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 0 | 0 | 2 | 100 |
| 6 | ML110P | Environmental Sciences* | 00 | 00 | 00 | 00 | 00 | 100 | 1 | 0 | 2 | 2 | 100 |
| 7 | EC111P | Introduction to Electronics Engineering* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 0 | 4 | 2 | 100 |
| 8 | HU111P | Communication* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 2 | 0 | 2 | 100 |
| 9 | PH110P | Physics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | HU110P | English | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | CE110P | Engineering Mechanics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 12 | ME111P | Engineering Graphics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 4 | 2 | 50 |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **340** | **13** | **5** | **16** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * For ML110, EC111, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Electronics & Communication Engineering)**

**SEMESTER : IInd SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA111T | Mathematics - II | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CY110T | Chemistry | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | EE110T | Fundamentals of Electrical Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 4 | EC112T | Electronics - I | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 5 | ME112T | Concepts in Engineering Design | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 6 | ME113P | Manufacturing Practices* | 00 | 00 | 00 | 00 | 50 | 50 | 1 | 0 | 4 | 3 | 100 |
| 7 | CS110P | Computer Programming* | 00 | 00 | 00 | 00 | 50 | 50 | 2 | 0 | 2 | 3 | 100 |
| 8 | HU112P | Rural Outreach* | 00 | 00 | 00 | 00 | 00 | 150 | 0 | 0 | 6 | 3 | 150 |
| 9 | CY110P | Chemistry | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | EE110P | Fundamentals of Electrical Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | EC112P | Electronics - I | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| **Total** | | | **350** | **100** | **50** | **90** | **130** | **280** | **12** | **5** | **18** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * For ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Computer Science & Engineering)**

**SEMESTER : Ist SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA110T | Mathematics - I | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | PH110T | Physics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | HU110T | English | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 0 | 0 | 3 | 100 |
| 4 | EC110T | Fundamentals of Electronics Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 5 | ME111T | Engineering Graphics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 0 | 0 | 2 | 100 |
| 6 | ML110P | Environmental Sciences* | 00 | 00 | 00 | 00 | 00 | 100 | 1 | 0 | 2 | 2 | 100 |
| 7 | CS111P | Introduction to Computer Science & Engineering* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 0 | 4 | 2 | 100 |
| 8 | HU111P | Communication* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 2 | 0 | 2 | 100 |
| 9 | PH110P | Physics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | HU110P | English | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | EC110P | Fundamentals of Electronics Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 12 | ME111P | Engineering Graphics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 4 | 2 | 50 |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **340** | **13** | **5** | **16** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * For ML110, CS111, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Computer Science & Engineering)**

**SEMESTER : IInd SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA111T | Mathematics - II | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CY110T | Chemistry | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | CS112T | Fundamentals of Computer Science & Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 4 | CS113T | Data Structure - I | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 5 | ME112T | Concepts in Engineering Design | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 6 | ME113P | Manufacturing Practices* | 00 | 00 | 00 | 00 | 50 | 50 | 1 | 0 | 4 | 3 | 100 |
| 7 | CS110P | Computer Programming* | 00 | 00 | 00 | 00 | 50 | 50 | 2 | 0 | 2 | 3 | 100 |
| 8 | HU112P | Rural Outreach* | 00 | 00 | 00 | 00 | 00 | 150 | 0 | 0 | 6 | 3 | 150 |
| 9 | CY110P | Chemistry | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | CS112P | Fundamentals of Computer Science & Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | CS113P | Data Structure - I | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| **Total** | | | **350** | **100** | **50** | **90** | **130** | **280** | **12** | **5** | **18** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * For ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Information Technology)**

**SEMESTER : Ist SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA110T | Mathematics - I | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | PH110T | Physics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | HU110T | English | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 0 | 0 | 3 | 100 |
| 4 | EC110T | Fundamentals of Electronics Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 5 | ME111T | Engineering Graphics | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 0 | 0 | 2 | 100 |
| 6 | ML110P | Environmental Sciences* | 00 | 00 | 00 | 00 | 00 | 100 | 1 | 0 | 2 | 2 | 100 |
| 7 | IT110P | Introduction to Information Technology* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 0 | 4 | 2 | 100 |
| 8 | HU111P | Communication* | 00 | 00 | 00 | 00 | 00 | 100 | 0 | 2 | 0 | 2 | 100 |
| 9 | PH110P | Physics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | HU110P | English | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | EC110P | Fundamentals of Electronics Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 12 | ME111P | Engineering Graphics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 4 | 2 | 50 |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **340** | **13** | **5** | **16** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * For ML110, IT110, and HU111 there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination w.e.f. 2022**

**Bachelor of Engineering (Information Technology)**

**SEMESTER : IInd SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MA111T | Mathematics - II | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | CY110T | Chemistry | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | EE110T | Fundamentals of Electrical Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 4 | IT111T | Data Structure - I | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 1 | 0 | 2 | 100 |
| 5 | ME112T | Concepts in Engineering Design | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 6 | ME113P | Manufacturing Practices* | 00 | 00 | 00 | 00 | 50 | 50 | 1 | 0 | 4 | 3 | 100 |
| 7 | CS110P | Computer Programming* | 00 | 00 | 00 | 00 | 50 | 50 | 2 | 0 | 2 | 3 | 100 |
| 8 | HU112P | Rural Outreach* | 00 | 00 | 00 | 00 | 00 | 150 | 0 | 0 | 6 | 3 | 150 |
| 9 | CY110P | Chemistry | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | EE110P | Fundamentals of Electrical Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | IT111P | Data Structure - I | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| **Total** | | | **350** | **100** | **50** | **90** | **130** | **280** | **12** | **5** | **18** | **26** | **1000** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note: * For ME113, CS110, and HU112 there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System Scheme of**

**Examination**

**Bachelor of Engineering (Mechanical Engineering)**

**Semester/Year: III Semester & IV Semester /II Year**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System Scheme of**

**Examination**

**Bachelor of Engineering (Mechanical Engineering)**

**SEMESTER :III SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1. | ME-301 T | Material Science | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | ME-302 T | Strength of Materials | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 3 | ME-303 T | Theory of Machines & Mechanisms | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 4 | ME-304 T | Thermodynamics | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | ME-305 T | Manufacturing Process | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 6 | HU-220T | Communication Skills | 70 | 20 | 10 | 00 | 00 | 00 | 1 | 00 | 00 | 1 | 100 |
| 7 | HU-221P | Idea Generation | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 4 | 2 | 50 |
| 8 | HU-222P | Learning Through Experts | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 2 | 0 | 2 | 50 |
| 9 | ME-302 P | Strength of Materials | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | ME-303 P | Theory of Machines & Mechanisms | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | ME-305 P | Manufacturing Process | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 12 | HU-220P | Communication Skills | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| **Total** | | | **420** | **120** | **60** | **120** | **40** | **140** | 13 | **7** | **12** | **26** | **900** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note:**

**For 'Idea Generation And Learning Through Experts, there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System Scheme of**

**Examination**

**Bachelor of Engineering (Mechanical Engineering)**

**SEMESTER :IV SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | ME-401 T | Fluid Mechanics | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 0 | 0 | 3 | 100 |
| 2 | ME-402 T | Machine Drawing & CAD | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 0 | 0 | 3 | 100 |
| 3 | ME-403 T | Energy Conversion | 70 | 20 | 10 | 00 | 00 | 00 | 2 | 1 | 0 | 3 | 100 |
| 4 | ME-404 T | Machine Design-I | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | MA-220T | Mathematics-III | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | ME-405 T | Engineering Tribology | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 7 | HU-223 P | NSS/NCC | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 0 | 0 | Qualifier* | 00 |
| 8 | ME-401 P | Fluid Mechanics | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 9 | ME-402 P | Machine Drawing & CAD | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | ME-403 P | Energy Conversion | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | ME-406 P | Creo Parametric | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 4 | 2 | 50 |
| **Total** | | | **420** | **120** | **60** | **120** | **40** | **40** | 17 | **4** | **10** | **26** | **800** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note:**

**NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Mechanical Engineering)**

**Semester/Year: V Semester & VI Semester /III Year**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Mechanical Engineering)**

**SEMESTER : V SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | ME-501T | Entrepreneurship & Management Concepts | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | ME-502 T | Turbo Machinery | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | ME-503 T | Mechanical Measurement and Control | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | ME-504 T | Machine Component Design | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | ME-505T | Dynamics Of Machine | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | HU-223 P | NSS/NCC * | - | - | - | - | - | - | - | - | - | - | Qualifier* |
| 7 | ME-503 P | Mechanical Measurement Control | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 8 | ME-504P | Machine Component Design | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 9 | ME-505 P | Dynamics Of Machine | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | ME-506 P | JAVA | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | ME -507 | Soft Skill - I | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1 | 50 |
| 12 | ME-508 | Seminar / Group Discussion (Internal Assessment) | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1 | 50 |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **140** | **15** | **5** | **12** | **26** | **800** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note:**

☐ **For 'Soft Skill - I' and 'Seminar & Group Discussion', there will be no examination and credits will be awarded only on the basis of internal assessment.**

☐ **NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Mechanical Engineering)**

**SEMESTER : VI SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | ME-601T | Operation Management | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | ME-602T | Power Plant Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | ME-603T | Metal Cutting & CNC | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | ME-604T | IC Engine | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | ME-605T | Heat and Mass Transfer | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | HU-223 P | NSS/NCC * | - | - | - | - | - | - | - | - | - | - | Qualifier* |
| 7 | ME-603P | Metal Cutting & CNC | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 8 | ME-604P | IC Engine | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 9 | ME-605P | Heat and Mass Transfer | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | ME-606 P | Computer Aided Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 11 | ME-607 | Soft Skill - II | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1 | 50 |
| 12 | ME-608 | Seminar / Group Discussion (Internal Assessment) | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1 | 50 |
| **Total** | | | **350** | **100** | **50** | **120** | **40** | **140** | **15** | **5** | **12** | **26** | **800** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note:**

☐ **For 'Soft Skill - II ' , 'Seminar and Group Discussion', there will be no examination and credits will be awarded only on the basis of internal assessment.**

☐ **NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**Bachelor of Engineering (Mechanical Engineering)**

**Semester/Year: VII Semester & VIII Semester / IV Year**

Dr. Preeti Global University, Shivpuri (M.P)

## Grading System

## Scheme of Examination

## Bachelor of Engineering (Mechanical Engineering)

### SEMESTER : VII SEMESTER

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | ME-701T | Elective - I | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | ME-702T | Renewable Energy System | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | ME-703T | Mechanical Vibration & Noise Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | ME-704T | Operation Research & Supply Chain | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | ME-705T | Automobile Engineering | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | HU-224 P | Yoga | - | - | - | - | - | - | - | - | - | - | Qualifier* |
| 7 | ME-703P | Mechanical Vibration & Noise Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 8 | ME-704P | Operation Research & Chain Supply | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 9 | ME-705P | Automobile Engineering | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 10 | ME-706 | Minor Project | 00 | 00 | 00 | 60 | 20 | 20 | 0 | 0 | 2 | 1 | 100 |
| 11 | ME-707 | Industrial Training ( 4 Week) | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| | | **Total** | **350** | **100** | **50** | **180** | **60** | **60** | **15** | **5** | **10** | **25** | **800** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note :-**

**ELECTIVE I :- 701T(A) - Design Of Heat Exchanger / 701T (B) – Industrial Robotics / 701T(C) - Work Study & Ergonomics**
**-Yoga is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.**

## Grading System

## Scheme of Examination

## Bachelor of Engineering (Mechanical Engineering)

**SEMESTER : VIII SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | ME-801T | Elective -II | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | ME-802T | Machine Design | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | ME-803T | Refrigeration & Air Conditioning | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | ME-804T | CAD / CAM / CIM | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | ME-802P | Machine design | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 6 | ME-803P | Refrigeration & Air Conditioning | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 7 | ME-804P | CAD / CAM / CIM | 00 | 00 | 00 | 30 | 10 | 10 | 0 | 0 | 2 | 1 | 50 |
| 8 | ME-806P | RDBMS ( Access/ Oracle) | 00 | 00 | 00 | 60 | 20 | 20 | 0 | 0 | 3 | 2 | 100 |
| 9 | ME-807 | Major Project | 00 | 00 | 00 | 120 | 40 | 40 | 0 | 0 | 8 | 4 | 200 |
| 10 | ME-808 | Seminar /Group Discussion | 00 | 00 | 00 | 00 | 00 | 50 | 0 | 0 | 2 | 1 | 50 |
| **Total** | | | **280** | **80** | **40** | **270** | **90** | **140** | **12** | **4** | **19** | **26** | **900** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Note:-**

**Elective- II :- 801T(A) Energy Management & Audit / 801T(B) Tools Design and Machine Tools / 801T(C) Reliability and Maintenance.**
**-Minimum Strength of Ten Students is required to offer an Elective in the College in a Particular Academic Session. Choice of Elective Course once made for an examination cannot be changed for future examinations**
**-For 'Self study', 'Seminar and Group Discussion', there will be no examination and credits will be awarded only on the basis of internal assessment.**

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## Bachelor of Engineering (EE)

**GROUP - A**

## I Semester/ I Year

## Academic Year 2022-23

| S.No. | Subject Code | Subject Name | Maximum Marks Theory Slot | | | Maximum Marks (Practical Slot) | | Total Marks | Periods/ hour/ week | | | Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. Exam. | Mid Tests | Assign-ments/Quiz | End Sem. Practical & Viva | Practical Record /Assignment/ Quiz / Presentation | | L | T | P | |
| 1 | BEBSC-101 | Mathematics-I | 60 | 30 | 10 | - | - | 100 | 3 | | - | 3 |
| 2 | BEBSC-102 | Engineering Chemistry | 60 | 30 | 10 | 30 | 20 | 150 | 3 | | 2 | 4 |
| 3 | BEHSMC-103 | English for Communication | 60 | 30 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4 | BEESC-104 | Basic Electrical & Electronics Engineering | 60 | 30 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 5 | BEESC-105 | Engineering Graphics | 60 | 30 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 6 | BEESC-106 | Manufacturing Practices | - | - | - | 30 | 10 | 40 | - | - | 2 | 1 |
| 7 | BELC-107 | Self Study / GD Seminar | | | | | 10 | **10** | **-** | **-** | **2** | **1** |
| | | **Total** | **300** | **150** | **50** | **130** | **100** | **750** | **13** | **1** | **12** | **20** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

**GROUP - A**

## Bachelor of Engineering (EE)

## II Semester/ I Year  Academic Year 2022-23

| S.No. | Subject Code | Subject Name | Maximum Marks Theory Slot | | | Maximum Marks (Practical Slot) | | Total Marks | Periods/ hour/ week | | | Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. Exam. | Mid Tests | Assign-ments/Quiz | End Sem. Practical & Viva | Practical Record /Assignment/ Quiz / Presentation | | L | T | P | |
| 1 | BEBSC-201 | Mathematics-II | 60 | 30 | 10 | - | - | 100 | 3 | | - | 3 |
| 2 | BEBSC- 202 | Engineering Physics | 60 | 30 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 3 | BEESC-203 | Basic Computer Engineering | 60 | 30 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4 | BEESC-204 | Basic Mechanical Engineering | 60 | 30 | 10 | 30 | 20 | 150 | 2 | - | 2 | 3 |
| 5 | BEESC-205 | Basic Civil Engineering & Mechanics | 60 | 30 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6 | BEHSMC-206 | Language Lab | - | - | - | 30 | 10 | 40 | - | - | 2 | 1 |
| 7 | BELC-207 | Industrial Training | | | | | 10 | 10 | | | 2 | 1 |
| | | **Total** | **300** | **150** | **50** | **150** | **100** | **750** | **13** | **1** | **12** | **20** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## Bachelor of Engineering (Electrical Engineering )

## III Semester/ II Year Academic Year 2022-23

| S.No. | Subject Code | Subject Name | Maximum Marks Theory Slot | | | Maximum Marks (Practical Slot) | | Total Marks | Periods/ hour/ week | | | Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. Exam. | Mid Tests | Assign-ments/ Quiz | End Sem. Practical & Viva | Practical Record /Assignment/ Quiz / Presentation | | L | T | P | |
| 1 | BEA-301 | Mathematics -III | 60 | 30 | 10 | - | - | 100 | 3 | | - | 3 |
| 2 | EEA-302 | Electromagnetic Fields | 60 | 30 | 10 | - | - | 100 | 3 | | - | 3 |
| 3 | EEA-303 | Electrical Machines – I | 60 | 30 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 4 | EEA-304 | Analog Electronics | 60 | 30 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5 | EEA-305 | Electrical Circuit Analysis | 60 | 30 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 6 | EEA-306 | Java Programming | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7 | EEA-307 | Self study /GD Seminar | - | - | - | - | 50 | 50 | - | - | 2 | 1 |
| **TOTAL** | | | **300** | **150** | **50** | **120** | **130** | **750** | **13** | **2** | **10** | **20** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## Bachelor of Engineering (Electrical Engineering )

## IV Semester/ II Year Academic Year 2022-23

| S.No. | Subject Code | Subject Name | Maximum Marks Theory Slot | | | Maximum Marks (Practical Slot) | | Total Marks | Periods/ hour/ week | | | Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. Exam. | Mid Tests | Assign-ments/Quiz | End Sem. Practical & Viva | Practical Record /Assignment/ Quiz / Presentation | | L | T | P | |
| 1 | BEA-401 | Energy, Ecology, Environment & Society | 60 | 30 | 10 | - | - | 100 | 3 | - | - | 3 |
| 2 | EEA-402 | Digital Electronics | 60 | 30 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 3 | EEA-403 | Electrical Machines – II | 60 | 30 | 10 | 30 | 20 | 150 | 3 | | 2 | 4 |
| 4 | EEA-404 | Power System-I | 60 | 30 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5 | EEA-405 | Power Electronics | 60 | 30 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 6 | EEA-406 | Software Lab I (Circuit Simulator) | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7 | EEA-407 | Industrial Training-I | To be completed during fourth semester semester break. Its evaluation/credit to be added in fifth semester | | | | | | | | | |
| | **TOTAL** | | **300** | **150** | **50** | **150** | **100** | **750** | **13** | **2** | **10** | **20** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination - AICTE Pattern

## Academic Year 2022-23

**Branch : Electrical Engineering** **Semester – V$^{th}$**

| S.No. | Subject Code | Subject Name | Maximum Marks Theory Slot | | | Maximum Marks (Practical Slot) | | Total Marks | Periods/ hour/ week | | | Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. Exam. | Mid Tests | Assign-ments/Quiz | EndSem. Practical & Viva | Practical Record /Assignment/ Quiz/Presentation | | L | T | P | |
| 1 | EEA-501 | Control Systems | 60 | 30 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2 | EEA-502 | Microprocessors | 60 | 30 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 3 | EEA-503 | Electrical Machine Design | 60 | 30 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 4 | EEA-504 | Program Elective-I | 60 | 30 | 10 | - | - | 100 | 3 | 1 | 0 | 4 |
| 5 | EEA-505 | Open Core Elective - I | 60 | 30 | 10 | - | - | 100 | 3 | 1 | 0 | 4 |
| 6 | EEA-506 | Industrial Training-I | - | - | - | 150 | 100 | 250 | - | - | 4 | 2 |
| | **TOTAL** | | **300** | **150** | **50** | **240** | **160** | **900** | **12** | **5** | **10** | **22** |

| Program Elective - I | |
|---|---|
| EEA-504 | EEA-504 (A) Signals and Systems |
| | EEA-504( B) Line Commutated and Active Rectifiers |

| Open Core Elective-I | |
|---|---|
| EEA-505 | EEA-505 (A) Electrical Materials |
| | EEA-505 (B)Embedded Systems |

# Dr. Preeti Global University, Shivpuri (M.P)

## Outcome based Curriculum for

## Undergraduate Degree Courses in Engineering & Technology

## Department of Electrical Engineering

### Scheme of Examination

### VI Semester – Bachelor of engineering–( Electrical Engineering)

| S.No. | Subject Code | Subject Name | Maximum Marks Theory Slot | | | Maximum Marks (Practical Slot) | | Total Marks | Periods/ hour/ week | | | Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. Exam. | Mid Tests | Assign-ments/Quiz | End Sem. Practical & Viva | Practical Record /Assignment/ Quiz / Presentation | | L | T | P | |
| 1 | EXA-601 | Power Systems – II | 60 | 30 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2 | EXA-602 | Measurements and Instrumentation | 60 | 30 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 3 | EXA-603 | Program Elective - II | 60 | 30 | 10 | | | 100 | 3 | 1 | 0 | 4 |
| 4 | EXA-604 | Program Elective - III | 60 | 30 | 10 | - | | 100 | 3 | 0 | 0 | 3 |
| 5 | EXA-605 | Open Core Elective-II | 60 | 30 | 10 | - | | 100 | 3 | 0 | 0 | 3 |
| 6 | EXA-606 | Minor Project | - | - | - | 180 | 120 | 300 | - | - | 4 | 2 |
| | TOTAL | | **300** | **150** | **50** | **240** | **160** | **900** | **13** | **3** | **8** | **20** |

| | | |
|---|---|---|
| **Program Elective - II** | | |
| EXA-603 | EXA-603 (A) Computer Architecture | EXA-603 (B)Digital Signal Processing |
| **Program Elective - III** | | |
| EXA-604 | EXA-604 (A)Industrial Electrical Systems | EXA-604 (B) Digital Control Systems |
| **Open Core Elective-II** | | |
| EXA-605 | EXA-605 (A)VLSI circuits | EXA-605 (B)Image Processing |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination - AICTE Pattern

## Undergraduate Degree Courses in Engineering & Technology

## Bachelor of Engineering (Electrical Engineering)

**VII$^{th}$ SEMESTER**

| S.No. | Subject Code | Subject Name | Maximum Marks Theory Slot | | | Maximum Marks (Practical Slot) | | Total Marks | Periods/ hour/ week | | | Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. Exam. | Mid Tests | Assign-ments/ Quiz | End Sem. Practical & Viva | Practical Record /Assignment/ Quiz / Presentation | | L | T | P | |
| 1 | EEA-701 | Power System Protection | 60 | 30 | 10 | 30 | 20 | 150 | 3 | 0 | 2 | 4 |
| 2 | EEA-702 | Electrical Drives | 60 | 30 | 10 | 30 | 20 | 150 | 3 | 0 | 2 | 4 |
| 3 | EEA-703 | Program Elective-IV | 60 | 30 | 10 | | | 100 | 3 | 0 | 0 | 3 |
| 4 | EEA-704 | Open Core Elective - III | 60 | 30 | 10 | | - | 100 | 3 | 0 | 0 | 3 |
| 5 | EEA-705 | Project Stage-I | - | - | - | 120 | 80 | 200 | - | - | 10 | 5 |
| 6 | EEA-706 | Self-Study/GD/Seminar | | | | | 200 | 200 | | | 2 | 1 |
| | **TOTAL** | | **240** | **120** | **40** | **180** | **320** | **900** | **12** | **0** | **16** | **20** |

| **Program Elective-IV** | |
|---|---|
| EEA-703 | EEA-703 (A)High Voltage Engineering |
| | EEA-703 (B)Power Quality and FACTS |
| | EEA-703(C) Image Processing |
| **Open Core Elective-III** | |
| EEA-704 | EEA-704 (A)VLSI circuits |
| | EEA-704 (B) Evolutionary Techniques |
| | EEA-704(C) Data Structures and Algorithms |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination - AICTE Pattern

## Undergraduate Degree Courses in Engineering & Technology

## Bachelor of Engineering (Electrical Engineering)

**VIII$^{th}$ SEMESTER**

| S.No. | Subject Code | Subject Name | Maximum Marks Theory Slot | | | Maximum Marks (Practical Slot) | | Total Marks | Periods/ hour/ week | | | Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. Exam. | Mid Tests | Assign-ments/ Quiz | End Sem. Practical & Viva | Practical Record /Assignment/ Quiz / Presentation | | L | T | P | |
| 1 | EEA-801 | Power System Dynamics and Control | 60 | 30 | 10 | 30 | 20 | 150 | 3 | 0 | 2 | 4 |
| 2 | EEA-802 | Program Elective-V | 60 | 30 | 10 | | | 100 | 3 | 0 | 0 | 3 |
| 3 | EEA-803 | Open Core Elective - IV | 60 | 30 | 10 | - | | 100 | 3 | 0 | 0 | 3 |
| 4 | EEA-804 | Project Stage-II | - | - | - | 240 | 160 | 400 | - | - | 16 | 8 |
| | **TOTAL** | | **180** | **90** | **30** | **270** | **180** | **750** | **9** | **0** | **18** | **18** |

| **Program Elective-V** | |
|---|---|
| EEA-802 | EEA-802 (A)Generalized Theory of Electrical Machines |
| | EEA-802 (B)HVDC Transmission Systems |
| | EEA-802(C )Advanced Electric Drives |
| **Open Core Elective-IV** | |
| EEA-803 | EEA-803 (A) Cyber Law and Ethics |
| | EEA-803 (B) Project Management |
| | EEA-803 (C) Big data Analysis |

## Course Structure and Evaluation Scheme for MTech Civil Engineering (2022-23)

### Semester-I

| S. No. | Subject Code | NameoftheSubject | Periods | | | Credit | EvaluationScheme | | | | | Subject Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | Theory | | | Practical | | |
| | | | | | | | CT | TA | ESE | TA | ESE | |
| 1 | MTCE-101 | AdvanceStructuralAnalysis | 3 | 0 | 0 | 3 | 20 | 10 | 70 | -- | -- | 100 |
| 2 | MTCE-102 | Air Pollution, Control, & EnvironmentalManagement | 3 | 0 | 0 | 3 | 20 | 10 | 70 | -- | -- | 100 |
| 3 | | DepartmentalElective–I | 3 | 0 | 0 | 3 | 20 | 10 | 70 | -- | -- | 100 |
| 4 | | DepartmentalElective–II | 3 | 0 | 0 | 3 | 20 | 10 | 70 | -- | -- | 100 |
| 5 | | ResearchProcess& Methodology | 3 | 0 | 0 | 3 | 20 | 10 | 70 | -- | -- | 100 |
| 6 | MTCE-151 | Lab-I | - | - | 3 | 2 | -- | -- | -- | 20 | 30 | 50 |
| 7 | MTCE-152 | Lab-II | - | - | 2 | 1 | -- | -- | -- | 20 | 30 | 50 |
| | | **Total** | | | | **18** | | | | | | **600** |

### Semester-II

| S. No. | Subject Code | NameoftheSubject | Periods | | | Credit | EvaluationScheme | | | | | Subject Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | Theory | | | Practical | | |
| | | | | | | | CT | TA | ESE | TA | ESE | |
| 1 | MTCE-201 | AdvanceStructuralDesign | 3 | 0 | 0 | 3 | 20 | 10 | 70 | -- | -- | 100 |
| 2 | MTCE-202 | AdvanceFoundation Engineering | 3 | 0 | 0 | 3 | 20 | 10 | 70 | -- | -- | 100 |
| 3 | | DepartmentalElective-III | 3 | 0 | 0 | 3 | 20 | 10 | 70 | -- | -- | 100 |
| 4 | | DepartmentalElective-IV | 3 | 0 | 0 | 3 | 20 | 10 | 70 | -- | -- | 100 |
| 5 | | DepartmentalElective-V | 3 | 0 | 0 | 3 | 20 | 10 | 70 | -- | -- | 100 |
| 6 | MTCE-251 | Lab-III | - | - | 3 | 2 | -- | -- | -- | 20 | 30 | 50 |
| 7 | MTCE-252 | Seminar-I | - | - | 2 | 1 | -- | -- | -- | 50 | -- | 50 |
| | | **Total** | | | | **18** | | | | | | **600** |

### Semester-III

| S. No. | Subject Code | NameoftheSubject | Periods | | | Credit | EvaluationScheme | | | | | Subject Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | Theory | | | Practical | | |
| | | | | | | | CT | TA | ESE | TA | ESE | |
| 1 | MTCE-351 | Seminar-II | 0 | 0 | 6 | 3 | -- | -- | -- | 100 | -- | 100 |
| 2 | MTCE-352 | Dissertation | 0 | 0 | 30 | 15 | -- | -- | -- | 200 | 300 | 500 |
| | | **Total** | | | | **18** | | | | | | **600** |

### Semester- IV

| S. No. | Subject Code | NameoftheSubject | Periods | | | Credit | EvaluationScheme | | | | | Subject Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | Theory | | | Practical | | |
| | | | | | | | CT | TA | ESE | TA | ESE | |
| 1 | MTCE-451 | Dissertation(Final) | 0 | 0 | 36 | 18 | -- | -- | -- | 200 | 400 | 600 |
| | | **Total** | | | | **18** | | | | | | **600** |

## DepartmentalElectiveI

1. MTCE-011 BuildingArchitecture&Planning
2. MTCE-012 AdvanceConcreteStructure
3. MTCE-013 Hydrology and Hygronomy
4. MTCE-014 Advance Fluid Mechanics
5. MTCE-015 Advance Soil Mechanics

## DepartmentalElectiveII

1. MTCE-021 Transportation Systemand Planning
2. MTCE-022 WaterPollutionandControl
3. MTCE-023 RemoteSensingandGIS
4. MTCE-024 ConcreteTechnology&PrestressedConcrete
5. MTCE-025 WaterResourceEngineering

## DepartmentalElectiveIII

1. MTCE-031 IndustrialEffluent andSewage Treatment
2. MTCE-032 AdvanceTransportationEngineering
3. MTCE-033 PrecastandCompositeStructures
4. MTCE-034 GroundWaterFlow andPollution Modelling
5. MTCE-035 RepairRehabilitationandRetrofittingofBuildings

## DepartmentalElectiveIV

1. MTCE-041 Earthand Environment
2. MTST-202 FiniteElementMethod
3. MTCE-043 AdvanceSteelStructure
4. MTCE-044 BridgeEngineering
5. MTCE-045 UnsteadyFlowinHydrologicalEngineering

## DepartmentalElectiveV

1. MTCE-051 SolidWasteManagement
2. MTCE-052 EarthquakeGeotechnicalEngineering
3. MTCE-053 StructuralDesign ofFoundation&RetainingStructures
4. MTCE-054 WaterResourcesDevelopment&Management
5. MTCE-055 Sediment Transportation

1.For dissertation, the students arerequired to compile a report including title ofthe dissertation, literature review, methodology of work to be pursued and activity schedule in the III semester. The compiled report shall be presented at the end of the III$^{rd}$ semester. Same dissertation shall be continued in the fourth semester.

## Dr. Preeti Global University (M.P.)

## Scheme of Examination

First Semester – Master of Technology *(Information Technology)*

| S.No. | Subject Code | Subject Name | Periods per week | | | Credits | Maximum marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | End Sem. *Exam*. | Tests (Two) | Assignments/ Quiz | End Sem. Practical / Viva | Practical Record/ assignment/Quiz/Presentation | |
| 1. | MCIT 101 | Advanced Mathematics | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 2. | MCIT 102 | Advanced Data Structures and Algorithm | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 3. | MCIT 103 | Advanced Computer Architecture | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 4. | MCIT 104 | Object Oriented Technology & UML | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 5. | MCIT 105 | Advanced Computer Networking | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 6. | MCIT 106 | Lab-I (MCIT-102 & MCIT-105) | - | - | 6 | 6 | - | - | - | 90 | 60 | 150 |
| 7. | MCIT 107 | Lab-II (MCIT-103 & MCIT-104) | - | - | 6 | 6 | - | - | - | 90 | 60 | 150 |
| | | Total | 15 | 5 | 12 | 32 | 350 | 100 | 50 | 180 | 120 | 800 |

**L: Lecture- T: Tutorial- P: Practical**

# Dr. Preeti Global University (M.P.)

## Scheme of Examination

## Second Semester – Master of Technology *(Information Technology)*

| S.No. | Subject Code | Subject Name | Periods per week | | | Credits | Maximum marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | End Sem. *Exam*. | Tests (Two) | Assignments/ Quiz | End Sem. Practical / Viva | Practical Record/ assignment/Quiz/Presentation | |
| 1. | MCIT 201 | Information Security, Coding & Cryptography | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 2. | MCIT 202 | Advance Distributed System | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 3. | MCIT 203 | Computer Graphics & Multimedia | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 4. | MCIT 204 | Artificial Intelligence | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 5. | MCIT 205 | Cellular Mobile Systems | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 6. | MCIT 206 | Lab-III (MCIT-202 &MCIT-205) | - | - | 6 | 6 | - | - | - | 90 | 60 | 150 |
| 7. | MCIT 207 | Lab-IV (MCIT-203 &MC IT-204) | - | - | 6 | 6 | - | - | - | 90 | 60 | 150 |
| | | Total | 15 | 5 | 12 | 32 | 350 | 100 | 50 | 180 | 120 | 800 |

**L: Lecture- T: Tutorial- P: Practical**

## Dr. Preeti Global University (M.P.)

## Scheme of Examination

### Third Semester–Master of Technology*(InformationTechnology)*

| S.No. | Subject Code | SubjectName | Periodsperweek | | | Credits | Maximummarks( TheorySlot) | | | MaximumMarks(Practical Slot) | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | EndSem.*Exam*. | Tests (Two) | Assignments/ Quiz | End Sem. Practical/ Viva | PracticalRecord/ assignment/ Quiz/ Presentation | |
| 1. | MCIT 301 | ElectiveI | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 2. | MCIT 302 | ElectiveII | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 3. | MCIT 303 | Seminar | - | - | 4 | 4 | - | - | - | - | 100 | 100 |
| 4. | MCIT 304 | DissertationPart-I | - | - | 8 | 8 | - | - | | 120 | 80 | 200 |
| | | **Total** | 6 | 2 | 12 | 20 | 140 | 40 | 20 | 120 | 180 | 500 |

**L:Lecture- T:Tutorial- P:Practical** *w.e.f.July-2015*

Elective–I(MCIT-301)

(A) Ad-hocNetworks

(B)ParallelComputationandApplications

(C)Web Engineering.

Elective-II(MCIT-302)

(A) SoftwareTesting&Qualityassurance

(B) DataMiningand Warehousing.

(C) HighPerformanceComputing

# Dr. Preeti Global University (M.P.)

## Scheme of Examination

**FourthSemester–M.Tech(IndustrialEngineering)**

| S.No. | SubCode | SubjectName | PeriodsperWeek | | | Credits | MaxMarks Theory | | | Max.Marks Practical | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | End Sem Exam | Mid Sem | TW | EndSem Practical / Viva | Practical Record/Quiz /Assignment / Presentation | |
| 1 | MID- 401 | DissertationPart- II | - | - | 20 | 20 | - | - | - | 300 | 200 | 500 |
| TOTAL | | | - | - | 20 | 20 | - | - | - | 300 | 200 | 500 |

**L:Lecture-** **T:Tutorial-** **P:Practical** *w.e.f.July2022*

## ELECTRICALENGINEERINGDEPARTMENT

**Proposed Teaching and Examination Scheme for**

**M.Tech.(Electrical Engineering) 2022**

## SEMESTERI

| Subject Code | NameoftheSubject | Teaching Scheme (Hours/Week) | | | Credit | ExaminationScheme | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Theory | | CA | PR/OR | Total |
| | | L | T | P | | TH | Tests | | | |
| MTEE101 | PowerSystemModeling | 03 | 01 | -- | 04 | 60 | 20 | 20 | -- | 100 |
| MTEE102 | AdvancedPowerElectronics | 03 | 01 | -- | 04 | 60 | 20 | 20 | -- | 100 |
| MTEE103 | ModernControlSystem | 03 | 01 | -- | 04 | 60 | 20 | 20 | -- | 100 |
| MTEE104 | Elective-I | 03 | - | -- | 03 | 60 | 20 | 20 | -- | 100 |
| MTEE105 | Elective-II | 03 | - | -- | 03 | 60 | 20 | 20 | - | 100 |
| MBS106 | CommunicationSkills | 02 | - | -- | 02 | - | - | 25 | 25 | 50 |
| MTEE107 | PGLab-I | -- | - | 03 | 02 | | | 25 | 25 | 50 |
| | Total | 17 | 03 | 03 | 22 | 300 | 100 | 150 | 50 | 600 |

| Elective-IMTCS104 | Elective-IIMTCS105 |
|---|---|
| 1) AdvancedTopicsinPowerSystem<br>2) RenewableEnergySystems<br>3) AdvancedDigitalSignalProcessing | 1) ElectricalTransientsinPowerSystem<br>2) Power ElectronicsforRenewableEnergySystems<br>3) PowerElectronicsandControl |

## SEMESTERII

| Subject Code | NameoftheSubject | Teaching Scheme (Hours/Week) | | | Credit | ExaminationScheme | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Theory | | CA | PR/OR | Total |
| | | L | T | P | | TH | Tests | | | |
| MTEE201 | AC/DCdrives | 03 | 01 | -- | 04 | 60 | 20 | 20 | -- | 100 |
| MTEE202 | AdvancePowerSystem Protection | 03 | 01 | -- | 04 | 60 | 20 | 20 | -- | 100 |
| MTEE203 | Elective-III | 03 | - | -- | 03 | 60 | 20 | 20 | -- | 100 |
| MTEE204 | Elective-IV | 03 | - | -- | 03 | 60 | 20 | 20 | -- | 100 |
| MTEE205 | Elective-V(Open) | 03 | - | -- | 03 | 60 | 20 | 20 | - | 100 |
| MTEE206 | Seminar-I | -- | - | 04 | 02 | - | - | 50 | 50 | 50 |
| MTEE07 | PGLab-IIorMiniProject | -- | - | 04 | 02 | - | - | 50 | 50 | 50 |
| | Total | 15 | 02 | 08 | 21 | 300 | 100 | 200 | 100 | 700 |

| Elective-IIIMTCS203 | Elective-IVMTCS204 | Elective-VMTCS205 |
|---|---|---|
| 1) Power Sector Economics Restructuring&Regulation<br>2) Distributedgenerationand micro grid<br>3) EmbeddedSystems | 1) Application of Power Electronics to Power System<br>2) ElectricandHybridVehicles<br>3) ControlSystemdesignand estimation | 1) ModernOptimizationTechniques.<br>2) Sustainableenergysystem<br>3) EnergyManagementandAuditing.<br>4) Energystoragesystem.<br>5) ResearchMethodology<br>6) Financemanagement<br>7) Intelligentsystems |

**P.S.AnyothercourseapprovedbyBoSforelective.**

**M.Tech.(ELECTRICALENGINEERING)**

## SEMESTER–III

| Subject Code | NameoftheSubject | Teaching Scheme (Hours/Week) | | | Credit | ExaminationScheme | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Theory | | CA | PR/OR | Total |
| | | L | T | P | | TH | Tests | | | |
| **MTME301** | **ProjectManagementand Intellectual Property Rights**(SelfStudy)* | -- | -- | -- | 02 | -- | -- | 50 | 50 | 100 |
| **MTEE302** | **ProjectworkPhase-I** | -- | -- | -- | 14 | -- | -- | 50 | 50 | 100 |
| | **Total** | **--** | **--** | **--** | **16** | **--** | **--** | **100** | **100** | **200** |

## SEMESTER–IV

| Subject Code | NameoftheSubject | Teaching Scheme (Hours/Week) | | | Credit | ExaminationScheme | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Theory | | CA | PR/OR | Total |
| | | L | T | P | | TH | Tests | | | |
| **MTEE401** | **ProjectworkPhase-II** | -- | -- | -- | 28 | -- | -- | 100 | 100 | 200 |
| | **Total** | **--** | **--** | **--** | **28** | **--** | **--** | **100** | **100** | **200** |

DR.PREETI GLOBAL UNIVERSITY

**TeachingandExaminationScheme for**

**M.Tech.(Electronics&Communication)w.e.f.2022**

| Sr. No. | Course Code | Nameof thecourse | Hours/Week | | | Credit | Examinationscheme | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Theory | | IA | PR/OR | TOTAL |
| | | | L | P | T | | TH | Test | | | |
| **FirstSemester** | | | | | | | | | | | |
| 01 | MTECC101 | AdvancedCommunicationEngineering | 03 | -- | 1 | 04 | 60 | 20 | 20 | -- | **100** |
| 02 | MTECC102 | Wireless Communication | 03 | -- | 1 | 04 | 60 | 20 | 20 | -- | **100** |
| 03 | MTECC103 | SignalProcessingAlgorithms&Applications | 03 | -- | 1 | 04 | 60 | 20 | 20 | -- | **100** |
| 04 | MTECE114 | Elective-I | 03 | -- | -- | 03 | 60 | 20 | 20 | -- | **100** |
| 05 | MTECE125 | Elective-II | 03 | -- | -- | 03 | 60 | 20 | 20 | -- | **100** |
| 06 | MTECC106 | CommunicationSkills | 02 | -- | -- | 02 | -- | -- | 25 | 25 | **50** |
| 07 | MTECL107 | PGLab-I* | -- | 03 | -- | 02 | -- | -- | 25 | 25 | **50** |
| | | **TotalforSemesterI** | **17** | **03** | **03** | **22** | **300** | **100** | **150** | **50** | **600** |
| **SecondSemester** | | | | | | | | | | | |
| 01 | MTECC201 | Image and Video Processing | 03 | -- | 1 | 04 | 60 | 20 | 20 | -- | **100** |
| 02 | MTECC202 | InformationTheoryandCoding | 03 | -- | 1 | 04 | 60 | 20 | 20 | -- | **100** |
| 03 | MTECE233 | Elective-III | 03 | -- | -- | 03 | 60 | 20 | 20 | -- | **100** |
| 04 | MTECE244 | Elective- IV | 03 | -- | -- | 03 | 60 | 20 | 20 | -- | **100** |
| 05 | MTECE255 | Elective-V-(Opentoall) | 03 | -- | -- | 03 | 60 | 20 | 20 | -- | **100** |
| 06 | MTECS206 | Seminar-I | -- | 04 | -- | 02 | -- | -- | 50 | 50 | **100** |
| 07 | MTECP207 | Mini-Project | -- | 04 | -- | 02 | -- | -- | 50 | 50 | **100** |
| | | **TotalforSemesterII** | **15** | **8** | **02** | **21** | **300** | **100** | **200** | **100** | **700** |
| **ThirdSemester** | | | | | | | | | | | |
| 1 | MTECC301 | ProjectManagement&IntellectualProperty Rights (Self Study)# | -- | -- | -- | 02 | -- | -- | 50 | 50 | **100** |
| 2 | MTECP302 | Project-I | -- | -- | -- | 10 | -- | -- | 50 | 50 | **100** |
| | | **TotalforSemesterIII** | **--** | **--** | **-** | **12** | **--** | **--** | **100** | **100** | **200** |
| **FourthSemester** | | | | | | | | | | | |
| 1 | MTECP401 | Project-II | -- | -- | -- | 20 | -- | -- | 100 | 100 | **200** |
| | | **TotalforSemesterIV** | **--** | **--** | **--** | **20** | **--** | **--** | **100** | **100** | **200** |
| **GRANDTOTAL** | | | | | | | | | | | **1700** |

*PG Lab-I–Practicalshallbebasedoncoursesoffirst semester.

#StudenthastochoosethiscourseeitherfromNPTEL/MOOCpoolandsubmissionofcourse completion certificate is mandatory.

**Elective-I**

A. ArtificialNeuralNetworksandApplications
B. ElectronicsInterferenceandCompatibility
C. AnalogandMixedSignal Processing
D. LowPowerVLSICircuit& System
E. Smart Antenna

**Elective-II**

A. RemoteSensingSystems
B. AdvancedRadar System
C. OpticalFiberCommunication
D. StatisticalSignal Processing
E. Microelectronics

**Elective-III**

A. MultirateDigitalSignal Processing
B. EmbeddedSystem Design
C. WirelessSensorNetwork Design
D. MicrowaveDesignand Measurement
E. EstimationandDetection Theory

**Elective-IV**

A. AdvancedBiomedicalSignal Processing
B. ReconfigurableComputing
C. DigitalVLSIDesign
D. NetworksandSystemsSecurity
E. MulticarrierCommunication

**Elective-V(Open)**

A. Internetof Things
B. LinearAlgebra
C. MultimediaCommunication
D. ResearchMethodology
E. WaveletTransformsanditsApplications

DR.PREETI GLOBAL UNIVERSITY

**Revised Teaching and Examination Scheme for**
**M.Tech.(VLSIandEmbeddedSystem)w.e.f.2022**

| Sr.No. | Course Code | Nameof the Course | Hours/Week | | | Credit | Examinationscheme | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Theory | | IA | PR/OR | TOTAL |
| | | | L | P | T | | TH | Test | | | |
| **FirstSemester** | | | | | | | | | | | |
| 01 | MTVEC101 | VLSITechnologyandDesign | 03 | -- | 1 | 04 | 60 | 20 | 20 | -- | **100** |
| 02 | MTVEC102 | CMOSAnalogCircuitDesign | 03 | -- | 1 | 04 | 60 | 20 | 20 | -- | **100** |
| 03 | MTVEC103 | Advanced Embedded Logic | 03 | -- | 1 | 04 | 60 | 20 | 20 | -- | **100** |
| 04 | MTVEE114 | Elective-I | 03 | -- | -- | 03 | 60 | 20 | 20 | -- | **100** |
| 05 | MTVEE125 | Elective-II | 03 | -- | -- | 03 | 60 | 20 | 20 | -- | **100** |
| 06 | MTVEC106 | CommunicationSkills | 02 | -- | -- | 02 | -- | -- | 25 | 25 | **50** |
| 07 | MTVEL107 | PGLab-I(VLSI Laboratory)* | -- | 03 | -- | 02 | -- | -- | 25 | 25 | **50** |
| | | **TotalforSemesterI** | **17** | **03** | **03** | **22** | **300** | **100** | **150** | **50** | **600** |
| **Second Semester** | | | | | | | | | | | |
| 01 | MTVEC201 | EmbeddedRealTimeOperatingSystems | 03 | -- | 1 | 04 | 60 | 20 | 20 | -- | **100** |
| 02 | MTVEC202 | CMOS Mixed Signal Circuit Design | 03 | -- | 1 | 04 | 60 | 20 | 20 | -- | **100** |
| 03 | MTVEE233 | Elective-III | 03 | -- | -- | 03 | 60 | 20 | 20 | -- | **100** |
| 04 | MTVEE244 | Elective- IV | 03 | -- | -- | 03 | 60 | 20 | 20 | -- | **100** |
| 05 | MTVEE255 | Elective-V-(Opentoall) | 03 | -- | -- | 03 | 60 | 20 | 20 | -- | **100** |
| 06 | MTVES206 | Seminar-I | -- | 04 | -- | 02 | -- | -- | 50 | 50 | **100** |
| 07 | MTVEP207 | Mini-Project | -- | 04 | -- | 02 | -- | -- | 50 | 50 | **100** |
| | | **TotalforSemesterII** | **15** | **8** | **02** | **21** | **300** | **100** | **200** | **100** | **700** |
| **Third Semester** | | | | | | | | | | | |
| 1 | MTVEC301 | ProjectManagement&IntellectualProperty Rights (Self Study)# | -- | -- | -- | 02 | -- | -- | 50 | 50 | **100** |
| 2 | MTVEP302 | Project-I | -- | -- | -- | 10 | -- | -- | 50 | 50 | **100** |
| | | **TotalforSemesterIII** | **--** | **--** | **-** | **12** | **--** | **--** | **100** | **100** | **200** |
| **FourthSemester** | | | | | | | | | | | |
| 1 | MTVEP401 | Project-II | -- | -- | -- | 20 | -- | -- | 100 | 100 | **200** |
| | | **TotalforSemesterIV** | **--** | **--** | **--** | **20** | **--** | **--** | **100** | **100** | **200** |
| **GRANDTOTAL** | | | | | | | | | | | **1700** |

*PG Lab-I–Practicalshallbebasedoncoursesoffirst semester.

#StudenthastochoosethiscourseeitherfromNPTEL/MOOCpoolandsubmissionofcourse completion certificate is mandatory.

**Elective-I**

A. HardwareSoftwareCo-Design
B. DigitalSystemDesign
C. SoftComputing Techniques
D. CPLDandFPGAArchitecturesand Applications
E. AdvancedComputerArchitecture

**Elective-II**

A. AdvancedOperatingSystems
B. NetworkSecurityand Cryptography
C. CMOSDigitalIntegratedCircuitDesign
D. EmbeddedC
E. OpticalCommunicationDesign &Test

**Elective-III**

A. DesignforTestability
B. DigitalSignalProcessors andArchitectures
C. SystemOnChip Architecture
D. Embedded Networking
E. RFCircuitDesign

**Elective-IV**

A. SensorsandActuators
B. LowPowerVLSIDesign
C. SemiconductorMemoryDesignandTesting
D. AnalogandMixedSignal Processing
E. Analysisand DesignofDigitalSystemsusing VHDL

**Elective-V(Open)**

A. Internetof Things
B. LinearAlgebra
C. NeuralNetworksinEmbeddedApplications
D. ResearchMethodology
E. WaveletTransformsanditsApplications

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Computer Science Engineering)**

**Department of Computer Science**

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Computer Science Engineering)**

**Department of Computer Science**

**SEMESTER : Ist SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | Refer Table Below | Elective-I | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | MTCSE 102 | Advance Data Structures & algorithm | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | MTCSE 103 | Object oriented technology | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | MTCSE 104 | Advance Computer Architecture | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | MTCSE 105 | Advance Computer Network | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | MTCSE 106 | Lab-I (102,103) | 00 | 00 | 00 | 90 | 00 | 60 | 0 | 0 | 6 | 6 | 150 |
| 7 | MTCSE 107 | Lab-II (104,105) | 00 | 00 | 00 | 90 | 00 | 60 | 0 | 0 | 6 | 6 | 150 |
| | | | 350 | 100 | 50 | 180 | 00 | 120 | 15 | 5 | 12 | 32 | 800 |

**L : Lecture** **T: Tutorial** **P: Practical**

**Elective-I**

1. **MTCSE 101-1 Cloud Computing**
2. **MTCSE 101-2 Artificial Intelligence**

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Computer Science Engineering)**

**Department of Computer Science**

**SEMESTER : IInd SEMESTER**

| S.No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MTCSE 201 | Web Technology | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | MTCSE 202 | Information Theory coding and cryptography | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | MTCSE 203 | Advance DBMS | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | MTCSE 204 | Advance Soft Computing | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | MTCSE 205 Refer Table Below | Elective – I | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | MTCSE 206 | Lab-III (201,203) | 00 | 00 | 00 | 90 | 00 | 60 | 0 | 0 | 6 | 6 | 150 |
| 7 | MTCSE 207 | Lab-IV (202,204) | 00 | 00 | 00 | 90 | 00 | 60 | 0 | 0 | 6 | 6 | 150 |
| | | | 350 | 100 | 50 | 180 | 00 | 120 | 15 | 5 | 12 | 32 | 800 |

**L : Lecture** **T: Tutorial** **P: Practical**

**Elective-I**

**1. MTCSE 205-1 Adhoc Networks**

**2. MTCSE 205-2 System Programming**

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Computer Science Engineering)**

**Department of Computer Science**

**Semester/Year: III$^{rd}$ sem & IV$^{th}$ sem /II Year**

# Dr. Preeti Global University, Shivpuri (M.P)

**SEMESTER : IIIrd SEMESTER**

## Scheme of Examination

**Master of Technology (Computer Science Engineering)**

**Department of Computer Science**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, assignment | End Sem. | Lab work | Assignment /Quiz | L | T | P | | |
| 1 | MTCSE-301 | Elective I | 70 | 20 | 10 | | | 0 | 3 | 1 | 0 | 4 | 100 |
| 2 | MTCSE-302 | Elective II | 70 | 20 | 10 | | | 0 | 3 | 1 | 0 | 4 | 100 |
| 3 | MTCSE-303 | Seminar | | | | | 100 | 0 | - | - | 4 | 4 | 100 |
| 4 | MTCSE-304 | Dissertation Part I (Literature Review/Problem Formulation/Synopsis) | | | | 120 | 80 | 0 | - | - | 8 | 8 | 200 |
| | | | 140 | 40 | 20 | 120 | 180 | | 6 | 2 | 12 | 20 | 500 |

| | Elective-I | | Elective -II |
|---|---|---|---|
| MTCSE-301[1] | Data mining and warehousing | **MTCSE-302[ 1]** | Network security and cryptography |
| MTCSE-301[2] | Digital Image Processing | MTCSE-302[ 2] | Simulation and modelling |

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Computer Science Engineering)**

**Department of Computer Science**

**SEMESTER : IV$^{th}$ SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | Hours/Week | | | Credits | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assign ment | End Sem. | Assignment /Quiz/ Presentation / Practical Record | L | T | P | | |
| 1 | **MTCSE 401** | **Dissertation Part- II** | **-** | **-** | **-** | **300** | **200** | **-** | **-** | **2** | **2** | 500 |
| | | **Total** | - | - | **-** | **300** | **200** | **-** | **-** | **2** | **2** | **500** |

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Cyber Security)**

**Department of Information Technology**

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Cyber Security)**

**Department of Information Technology**

**SEMESTER : Ist SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MTCYS 101 | Cyber law & Intellectual Property Rights | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | MTCYS 102 | Operating system and security | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | MTCYS 103 | Computer Network & security | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | MTCYS 104 | Data Base & Security | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | MTCYS 105 | Cyber Security | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | MTCYS 106 | Lab-I (103) | 00 | 00 | 00 | 90 | 00 | 60 | 0 | 0 | 6 | 6 | 150 |
| 7 | MTCYS 107 | Lab-II (104) | 00 | 00 | 00 | 90 | 00 | 60 | 0 | 0 | 6 | 6 | 150 |
| | | | 350 | 100 | 50 | 180 | 00 | 120 | 15 | 5 | 12 | 32 | 800 |

**L : Lecture** **T: Tutorial** **P: Practical**

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Cyber Security)**

**Department of Information Technology**

**SEMESTER : IInd SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Lab Work | Assignment/ Quiz | L | T | P | | |
| 1 | MTCYS 201 | Cryptography & Network Security | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | MTCYS 202 | Digital Forensic | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | MTCYS 203 | Biometric Systems & Biometric Image Processing | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | MTCYS 204 | Computer Forensic analysis & Investigation | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | MTCYS 205 | File System Forensics | 70 | 20 | 10 | 00 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | MTCYS 206 | Lab-III (Ethical Hacking) | 00 | 00 | 00 | 90 | 00 | 60 | 0 | 0 | 6 | 6 | 150 |
| 7 | MTCYS 207 | Lab-IV (204) | 00 | 00 | 00 | 90 | 00 | 60 | 0 | 0 | 6 | 6 | 150 |
| | | | 350 | 100 | 50 | 180 | 00 | 120 | 15 | 5 | 12 | 32 | 800 |

**L : Lecture** **T: Tutorial** **P: Practical**

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Cyber Security)**

**Department of Informationa Technology**

**Semester/Year: III$^{rd}$ sem & IV$^{th}$ sem /II Year**

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Cyber Security)**

**Department of Information Technology**

**SEMESTER : III[rd] SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | Hours/Week | | | Credits | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, ssign ent | End Sem. | Lab work | Assignment /Quiz | L | T | P | | |
| 1 | MTCYS-301 | Elective I | 70 | 20 | 10 | | | 0 | 3 | 1 | 0 | 4 | 100 |
| 2 | MTCYS-302 | Elective II | 70 | 20 | 10 | | | 0 | 3 | 1 | 0 | 4 | 100 |
| 3 | MTCYS-303 | Seminar | | | | | 100 | 0 | - | - | 4 | 4 | 100 |
| 4 | MTCYS-304 | Dissertation Part I | | | | 120 | 80 | 0 | - | - | 8 | 8 | 200 |
| | | | 140 | 40 | 20 | 120 | 180 | | 6 | 2 | 12 | 20 | 500 |

| | Elective –I (MTCYS- 301) | | Elective-II (MTCYS- 302) |
|---|---|---|---|
| MTCYS-301[1] | Secure Software Engineering | MTCYS-302[1] | Security Threats And Modeling |
| MTCYS-301[2] | Secure Cloud Computing | MTCYS-302[2] | Internet Security - TCP/IP Vulnerability |
| | | | |

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Cyber Security)**

**Department of Information Technology**

**SEMESTER : IV$^{th}$ SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | Hours/Week | | | Credits | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Assignment /Quiz/ Presentation / Practical Record | L | T | P | | |
| 1 | MCTYS 401 | Dissertation Part- II | - | - | - | 300 | 200 | - | - | 2 | 2 | 500 |
| | | Total | - | - | - | 300 | 200 | - | - | 2 | 2 | 500 |

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Structural Engineering)**

**Department of Civil Engineering**

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Structural Engineering)**

**Department of Civil Engineering**

**SEMESTER : Ist SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Hours/Week | | | Credits | Total marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Assignment/ Quiz/lab work | L | T | P | | |
| 1 | MTSE 101 | Advance Mathematics and Numerical Analysis | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | MTSE 102 | Theory of Elasticity and Introduction to Plasticity | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | MTSE 103 | Advance Structural Analysis | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | MTSE 104 | Design of Concrete Structures | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | MTSE 105 | Computer Aided Design | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | MTSE 106 | Lab -1 (Concrete) | 00 | 00 | 00 | 90 | 60 | 0 | 0 | 6 | 6 | 150 |
| 7 | MTSE 107 | Lab -2 (CAD) | 00 | 00 | 00 | 90 | 60 | 0 | 0 | 6 | 6 | 150 |
| | | Total | 350 | 100 | 50 | 180 | 120 | 15 | 5 | 12 | 32 | 800 |

**L : Lecture** **T: Tutorial** **P: Practical**

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Structural Engineering)**

**Department of Civil Engineering**

**SEMESTER : IInd SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Hours/Week | | | Credits | Total marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Assignment/ Quiz/lab work | L | T | P | | |
| 1 | MTSE 201 | Structural Dynamics | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | MTSE 202 | FEM in Structural Engineering | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | MTSE 203 | Advance Concrete Technology | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 4 | MTSE 204 | Experimental Stress Analysis | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 5 | MTSE 205 | Theory of Plates and Shells | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 6 | MTSE 206 | Lab-III (Instrumentation) | 00 | 00 | 00 | 90 | 60 | 0 | 0 | 6 | 6 | 150 |
| 7 | MTSE 207 | Lab-IV (Structural Software) | 00 | 00 | 00 | 90 | 60 | 0 | 0 | 6 | 6 | 150 |
| | | Total | 350 | 100 | 50 | 180 | 120 | 15 | 5 | 12 | 32 | 800 |

**L : Lecture** **T: Tutorial** **P: Practical**

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Structural Engineering)**

**Department of Civil Engineering**

## (Second Year)

## (Session- 2022)

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Structural Engineering)**

**Department of Civil Engineering**

**SEMESTER : IIIRD SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Hours/Week | | | Credits | Total marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Assignment/ Quiz/lab work | L | T | P | | |
| 1 | MTSE 301 | Elective I | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 2 | MTSE 302 | Elective II | 70 | 20 | 10 | 00 | 00 | 3 | 1 | 0 | 4 | 100 |
| 3 | MTSE 303 | Seminar | 00 | 00 | 00 | 00 | 100 | 0 | 0 | 4 | 4 | 100 |
| 4 | MTSE 304 | Dissertation Part- I (Literature Review/Problem Formulation/ Synopsis) | 00 | 00 | 00 | 120 | 80 | 0 | 0 | 8 | 8 | 200 |
| | | Total | 140 | 40 | 20 | 120 | 180 | 06 | 02 | 12 | 20 | 500 |

L : Lecture T: Tutorial P: Practical

**Elective –I (MTSE 301)**

(1) Advance FEM and programming
(2) Advance Foundation Engineering
(3) Design of Advance Steel Structures
(4) Design of Earth Quake Ressistant Structures

**Elective-II (MTSE 302)**

1) Stability Theory in Structural Engg.
2) Design of Tall Structures
3) Design of Offshore Structures
4) Reliability Based Civil Engg. Design

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Structural Engineering)**

**Department of Civil Engineering**

**SEMESTER : IVTH SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Hours/Week | | | Credits | Total marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Assignment/ Quiz/lab work | L | T | P | | |
| 1 | MTSE 401 | Dissertation Part- II | 00 | 00 | 00 | 300 | 200 | 00 | 00 | 20 | 20 | 500 |
| | | Total | 00 | 00 | 00 | 300 | 200 | 00 | 00 | 20 | 20 | 500 |

L : Lecture T: Tutorial P: Practical

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Thermal Power Engineering)**

**Department of Mechanical Engineering**

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Thermal Power Engineering)**

**Department of Mechanical Engineering**

**SEMESTER : Ist SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. Practical /Viva | Practical Record/ Assignment/ Quiz /Presentation | L | T | P | | |
| 1 | MTTPE 101 | Advance Mathematics | 70 | 20 | 10 | - | - | 3 | 1 | - | 4 | 100 |
| 2 | MTTPE 102 | Thermodynamics and Combustion | 70 | 20 | 10 | - | - | 3 | 1 | - | 4 | 100 |
| 3 | MTTPE 103 | Heat & Mass Transfer | 70 | 20 | 10 | - | - | 3 | 1 | - | 4 | 100 |
| 4 | MTTPE 104 | Advanced Fluid Mechanics | 70 | 20 | 10 | - | - | 3 | 1 | - | 4 | 100 |
| 5 | MTTPE 105 | IC Engines and Alternate Fuels | 70 | 20 | 10 | - | - | 3 | 1 | - | 4 | 100 |
| 6 | MTTPE 106 | Lab – I (103) | 00 | 00 | 00 | 90 | 60 | - | - | 6 | 6 | 150 |
| 7 | MTTPE 107 | Lab – II (105) | 00 | 00 | 00 | 90 | 60 | - | - | 6 | 6 | 150 |
| | | Total | 350 | 100 | 50 | 180 | 120 | 15 | 5 | 12 | 32 | 800 |

**L : Lecture** **T: Tutorial** **P: Practical**

**Lab - I** – Heat Transfer
**Lab - II** - IC Engine

# Dr. Preeti Global University, Shivpuri (M.P)

**Scheme of Examination**

**Master of Technology (Thermal Power Engineering)**

**Department of Mechanical Engineering**

**SEMESTER : IInd SEMESTER**

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | Hours/Week | | | Credits | Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | Practical | | | | | | |
| | | | End Sem. | Mid Sem. Test | Quiz, Assignment | End Sem. | Practical Record/ Assignment/ Quiz /Presentation | L | T | P | | |
| 1 | MTTPE 201 | Thermal Power Plant Engineering | 70 | 20 | 10 | - | - | 3 | 1 | - | 4 | 100 |
| 2 | MTTPE 202 | Design of Heat Exchangers | 70 | 20 | 10 | - | - | 3 | 1 | - | 4 | 100 |
| 3 | MTTPE 203 | Advance Refrigeration System | 70 | 20 | 10 | - | - | 3 | 1 | - | 4 | 100 |
| 4 | MTTPE 204 | Steam and Gas Turbine | 70 | 20 | 10 | - | - | 3 | 1 | - | 4 | 100 |
| 5 | MTTPE 205 | Maintenance of Thermal Power Plant | 70 | 20 | 10 | - | - | 3 | 1 | - | 4 | 100 |
| 6 | MTTPE 206 | Lab – III (205) | 00 | 00 | 00 | 90 | 60 | - | - | 6 | 6 | 150 |
| 7 | MTTPE 207 | Lab IV (203) | 00 | 00 | 00 | 90 | 60 | - | - | 6 | 6 | 150 |
| | | **Total** | **350** | **100** | **50** | **180** | **120** | **15** | **5** | **12** | **32** | **800** |

**L : Lecture** **T: Tutorial** **P: Practical**

**Lab. III -** Maintenance of Thermal Power Plant

**Lab.IV** - Advance Refrigeration and Air conditioning Systems

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**M.Tech ( Thermal Engineering )**

**Semester/Year: III Semester & IV Semester /II Year**

# Dr. Preeti Global University, Shivpuri (M.P)

**SEMESTER : III SEMESTER**

## Grading System Scheme of Examination

**M.Tech ( Thermal Engineering )**

| S.No. | Subject Code | Subject Name | Periods per week | | | Credits | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | End Sem. Exam. | Tests (Two) | Assignments /Quiz | End Sem Practical/Viva | Practical Record/ Assignment/ Quiz/ Presentation | |
| 1. | MMTP 301 | Elective I | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 2. | MMTP 302 | Elective II | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 3. | MMTP 303 | Seminar | - | - | 4 | 4 | - | - | - | - | 100 | 100 |
| 4. | MMTP 304 | DissertationPart-I (Literature Review/Problem Formulation/ Synopsis) | - | - | 8 | 8 | - | - | - | 120 | 80 | 200 |
| | | Total | 6 | 2 | 12 | 20 | 140 | 40 | 20 | 120 | 180 | 500 |

**L: Lecture -T: Tutorial -P: Practical**

**Elective I**

**A) Computer Aided Design of Thermal System**

**B) Engine System Modelling and Analysis**

**Elective II**

**A) Gas Flow Through Turbo Machines**

**B) Non Conventional Energy Sources**

**Pumps, Blowers and Compressors**

# Dr. Preeti Global University, Shivpuri (M.P)

**Grading System**

**Scheme of Examination**

**M.Tech ( Thermal Engineering )**

**SEMESTER : IV SEMESTER**

| S.No. | Subject Code | Subject Name | Periods per week | | | Credits | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | End Sem. Exam. | Tests (Two) | Assignments /Quiz | End Sem. Practical/Viva | Practical Record/ Assignment/Quiz /Presentation | |
| 1. | MMTP 401 | DissertationPart-II | - | - | 20 | 20 | - | - | - | 300 | 200 | 500 |
| | | Total | - | - | 20 | 20 | - | - | - | 300 | 200 | 500 |

**L: Lecture - T: Tutorial - P: Practical**

**DEPARTMENT OF MECHANICAL ENGINEERING**
**MASTER OF TECHNOLOGY**
**(MECHANICALPRODUCTIONENGINEERING)**
SyllabuseffectivefromJuly2017

## Semester-I

| CourseCode | CourseName | L | T | P | C |
|---|---|---|---|---|---|
| MMF104I | ProcessingofAdvancedMaterials | 03 | 1 | -- | 04 |
| MMF102 | CNCTechnology | 03 | 1 | -- | 04 |
| MMF104E | AdvancedToolDesign | 03 | 1 | -- | 04 |
| MMF101–MMF104N | Elective-I | 03 | -- | -- | 03 |
| MMF101–MMF104N | Elective-II | 03 | -- | - | 03 |
| BH1101 | CommunicationSkills | 02 | -- | - | 02 |
| MPE101 | ManufacturingEngineeringLaboratory (PGLAB) | -- | -- | 03 | 02 |
| | **TotalforSemester-I** | **17** | **03** | **03** | **22** |

## ListofElectiveCourses

**Elective(I&II)SemesterI**

| Sr.No. | CourseCode | CourseName |
|---|---|---|
| 1. | MMF101 | TheoryofMachining |
| 2. | MMF103 | AdvancedJoiningTechnology |
| 3. | MMF104A | FiniteElementMethod |
| 4. | MMF104B | MachineToolDesign |
| 5. | MMF104C | SheetMetalEngineering |
| 6. | MMF104D | PolymerProcessingTechnology |
| 7. | MMF104F | SurfaceEngineering |
| 8. | MMF104G | Hydraulic,PneumaticandFluidicControl |
| 9. | MMF104H | QualityControlandReliability |
| 10. | MMF104J | ManagementInformationSystems |
| 11. | MMF104K | TechnologyandKnowledgeManagement |
| 12. | MMF104L | ManufacturingPlanningandControl |
| 13. | MMF104M | AdditiveManufacturing |
| 14. | MMF104N | SoftComputingTechniques |

## Semester-II

| CourseCode | CourseName | L | T | P | C |
|---|---|---|---|---|---|
| MMF201 | MetalFormingProcesses | 03 | 1 | - | 04 |
| MMF202 | CastingandMouldingTechnology | 03 | 1 | - | 04 |
| MMF203A–MMF203P | Elective-III | 03 | 1 | - | 03 |
| MMF203A–MMF203P | Elective-IV | 03 | - | - | 03 |
| MMF204A–MMF204C | Elective-V-**(Open)** | 03 | - | - | 03 |
| PE201 | Seminar-I | -- | 04 | - | 02 |
| PE202 | Mini-Project | -- | 04 | - | 02 |
| | **TotalforSemesterII** | **15** | **11** | **-** | **21** |

## ListofElectiveCourses

### Elective(IIIandIV)SemesterII

| Sr.No. | CourseCode | CourseName |
|---|---|---|
| 1. | MMF203A | Ultra-PrecisionMachining |
| 2. | MMF203B | LeanManufacturing |
| 3. | MMF203C | SensorsforIntelligentManufacturingandMonitoring |
| 4. | MMF203D | KnowledgeBasedSystemsinManufacturing |
| 5. | MMF203E | WorldClassManufacturing |
| 6. | MMF203F | Robotics |
| 7. | MMF203G | ManufacturingAutomation |
| 8. | MMF203H | TotalProductiveMaintenance |
| 9. | MMF203I | MetrologyandComputerAidedInspection |
| 10. | MMF203J | Mechatronics |
| 11. | MMF203K | ProcessingandcharacterizationTechniques |
| 12. | MMF203L | Micro-NanoEngineering |
| 13. | MMF203M | ModelingandSimulation |
| 14. | MMF203N | NumericalMethodsandComputationalTechniques |
| 15. | MMF203O | CAD-CAE |
| 16. | MMF203P | MachineLearningTechniques |

### Elective-V(OpenElective)Semester-II

| Sr.No. | CourseCode | CourseName |
|---|---|---|
| 1. | MMF204A | ResearchMethodology |
| 2. | MMF204B | DesignofExperiments |
| 3. | MMF204C | AdvancedOptimizationTechniques |

## Semester-III

| CourseCode | CourseName | L | T | P | C |
|---|---|---|---|---|---|
| MMF301 | ProjectManagementandIntellectualPropertyRights (SelfStudy)* | -- | -- | -- | 02 |
| PE302 | ProjectStage-I | --- | -- | -- | 10 |
| | **TotalforSemesterIII** | **--** | **--** | **--** | **12** |

## Semester-IV

| CourseCode | CourseName | L | T | P | C |
|---|---|---|---|---|---|
| PE401 | ProjectStage-II | - | - | - | 20 |
| | **TotalforSemesterIV** | **-** | **-** | **-** | **20** |

## B.SC. HOME SCIENCE

| Semester | Course Opted | Course Name | Credits |
|---|---|---|---|
| I | Ability Enhancement Compulsory Course - I | English Communications/ Environmental Science | 2 |
| | CC-1 Theory | Communication and Extension | 4 |
| | CC -1 Practical | Communication and Extension Practical | 2 |
| | CC -2 Theory | Resource Management | 4 |
| | CC -2 Practical | Resource Management Practical | 2 |
| | CC- 3 Theory | Fashion Studies | 4 |
| | CC- 3 Practical | Fashion Studies Practical | 2 |
| II | Ability Enhancement Compulsory Course - II | English Communications/ Environmental Science | 2 |
| | CC-4 Theory | Fundamentals of Nutrition and Food Science | 4 |
| | CC-4 Practical | Fundamentals of Nutrition and Food Science Practical | 2 |
| | CC-5 Theory | Life Span Development I | 4 |
| | CC-5 Practical | Life Span Development I Practical | 2 |
| | CC-6 Theory | Fundamentals of Textiles | 4 |
| | CC-6 Practical | Fundamentals of Textiles Practical | 2 |
| III | CC-7 Theory | Physical Sciences | 4 |
| | CC-7 Practical | Physical Sciences Practical | 2 |
| | CC-8 Theory | Life Span Development II | 4 |
| | CC-8 Practical | Life Span Development II Practical | 2 |
| | CC-9 Theory | Nutrition for the Family | 4 |
| | CC-9 Practical | Nutrition for the Family Practical | 2 |
| | SEC-1 | SEC-1 | 2 |
| IV | CC-10 Theory | Life Sciences | 4 |
| | CC-10 Practical | Life Sciences Practical | 2 |
| | CC-11 Theory | Personal Finance and Consumer Studies | 4 |
| | CC-11 Practical | Personal Finance and Consumer Studies Practical | 2 |
| | CC-12 Theory | Communication Systems and Social Change | 4 |
| | CC-12 Practical | Communication Systems and Social Change Practical | 2 |
| | SEC-2 | SEC-2 | 2 |
| V | SEC - 3 | SEC - 3 | 2 |
| | DSE -1 A Theory | DSE -1 A Theory | 4 |
| | DSE -1 A Practical | DSE -1 A Practical | 2 |
| | DSE -2 A Theory | DSE -2 A Theory | 4 |
| | DSE -2 A Practical | DSE -2 A Practical | 2 |
| | DSE -3 A Theory | DSE -3 A Theory | 4 |
| | DSE -3 A Practical | DSE -3 A Practical | 2 |
| VI | SEC -4 | SEC - 4 | 2 |
| | DSE -1 B Theory | DSE -1 B Theory | 4 |
| | DSE -1 B Practical | DSE -1 B Practical | 2 |
| | DSE -2 B Theory | DSE -2 B Theory | 4 |
| | DSE -2 B Practical | DSE -2 B Practical | 2 |
| | DSE -3 B Theory | DSE -3 B Theory | 4 |
| | DSE -3 B Practical | DSE -3 B Practical | 2 |
| | | **Total** | **120** |

***Any 4 DSE, 2 SEC AND 4 GE to be picked up by the student from the pool.**

# B.SC. HOME SCIENCE

| Semester No. | Core Course | Ability Enhancement Compulsory Course (AECC) (2) | Skill Enhancement Course (SEC) (4) | Elective : Discipline Specific Courses (6) |
|---|---|---|---|---|
| I | CC1:Communication and Extension | English/EVS | | |
| | CC 2: Resource Management | | | |
| | CC 3: Fashion Studies | | | |
| II | CC 4: Fundamentals of Nutrition and Food Science | English/EVS | | |
| | CC 5: Life Span Development I | | | |
| | CC 6 : Fundamentals of Textiles | | | |
| III | CC 7: Physical Sciences | | SEC 1 | |
| | CC 8: Life Span Development II | | | |
| | CC 9: Nutrition for the Family | | | |
| IV | CC 10: Life Sciences | | SEC 2 | |
| | CC 11 : Personal Finance and Consumer Studies | | | |

| | | | | |
|---|---|---|---|---|
| | **CC 12 : Communication Systems and Social Change** | | | |
| **V** | | | **SEC.3** | **DSE I (1/2/3/4/5)A** |
| | | | | **DSE II (1/2/3/4/5) A** |
| | | | | **DSE III (1/2/3/4/5) A** |
| **VI** | | | **SEC. 4** | **DSE I (1/2/3/4/5 )B** |
| | | | | **DSE II (1/2/3/4/5 ) B** |
| | | | | **DSE III (1/2/3/4/5 ) B** |

**CORE COURSES (12 Courses) Total Credits 72**
**(6 Credits each** Theory 4 Credits +Practical 2 Credits =6**)**

**CC1: Communication and Extension** Theory 4 Credits +Practical 2 Credit
**CC 2: Resource Management** Theory 4 Credits +Practical 2 Credit
**CC 3: Fashion Studies** Theory 4 Credits +Practical 2 Credit
**CC 4: Fundamentals of Nutrition and Food Science** Theory 4 Credits +Practical 2 Credit
**CC 5: Life Span Development I** Theory 4 Credits +Practical 2 Credit
**CC 6 : Fundamentals of Textiles** Theory 4 Credits +Practical 2 Credit
**CC 7: Physical Sciences** Theory 4 Credits +Practical 2 Credit
**CC 8: Life Span Development II Theory** 4 Credits +Practical 2 Credit
**CC 9: Nutrition for the Family** Theory 4 Credits +Practical 2 Credit
**CC 10: Life Sciences Theory** 4 Credits +Practical 2 Credit
**CC 11 : Personal Finance and Consumer Studies** Theory 4 Credits +Practical 2 Credit
**CC 12 : Communication Systems and Social Change** Theory 4 Credits +Practical 2 Credit

**DISCIPLINE SPECIFIC ELECTIVE (6 Courses) Total Credits -36**

**(6 Credits Each –** Theory 4 Credits +Practical 2 Credits**)**

**DSE 1A: Nutritional Biochemistry** Theory 4 Credits +Practical 2 Credit
**DSE-1B: Public Nutrition and Dietetics** Theory 4 Credits +Practical 2 Credit
**DSE 2A : Children with Disabilities** Theory 4 Credits +Practical 2 Credit
**DSE 2B : Child Rights and Gender Empowerment** Theory 4 Credits +Practical 2 Credit
**DSE 3A: Communication for Development** Theory 4 Credits +Practical 2 Credit
**DSE 3B: Extension Management** Theory 4 Credits +Practical 2 Credit
**DSE 4A: Processes in Apparel Design** Theory 4 Credits +Practical 2 Credit
**DSE 4B : Traditional Indian Textiles** Theory 4 Credits +Practical 2 Credit
**DSE 5A: Entrepreneurship Development** Theory 4 Credits +Practical 2 Credit
**DSE 5B: Basics of Design Application** Theory 4 Credits +Practical 2 Credit

**SKILL ENHANCEMENT COURSES (4 Courses) Total Credits – 8**
**(2 Credits Each** Theory 2 Credits or Theory 1 + Practical 1Credit or Practical's 2 Credits**)**

**SEC 1: Sociology of Working with Families and Communities** Theory 2 Credit
**SEC 2: Understanding Psychology** Theory 2 Credit
**SEC 3 : Overview of Indian Economy** Theory 2 Credit
**SEC 4: Human Physiology** Theory 2 Credit
**SEC 5: Bakery Science** Practical 2 Credit
**SEC-6: Home Based Catering** Theory 2 Credit
**SEC 7: Nutrition and Fitness** Theory 2 Credit
**SEC 8: Early Childhood Care and Education** Practical 2 Credit
**SEC 9: Adolescents' Relations and Well-Being** Practical 2 Credit

**SEC 10: Training for Development** Practical 2 Credit
**SEC 11: Advocacy and Behavior Change Communication** Practical 2 Credit
**SEC 12: Textile Design** Practical 2 Credit
**SEC 13: Computer Applications in Fashion Design** Practical 2 Credit
**SEC 14: Resource Management and Sustainable Development** Practical 2 Credit
**SEC 15: Autocad and Space Planning** Practical 2 Credit
**SEC 16: Social Media and Digital Communication Practical 2 Credit**
**SEC 17: Basics of Design** Practical 2 Credit
**SEC 18: Computer Applications in Communication and Media Design** Practical 2 credits
**SEC 19: Information, Education and Communication Material for Development** Practical 2 credits
**SEC 20: House Keeping** Theory 2 credits
**SEC 21: Travel and Tourism** Theory 2 credits
**SEC 22: Nutrition Health Communication** Theory 2 credits
**SEC 23: Biophysics** Theory 2 credits
**SEC 24: Life Skills Education** Theory 2 credits
**SEC 25: Activities and Resources for Child Development – I** Practical 2 credits
**SEC 26: Activities and Resources for Child Development II** Practical 2 credits
**SEC 27: Product Development in Textiles and Apparel** Practical 2 credits
**SEC 28: Image Styling** Practical 2 credits
**SEC 29: Fashion Illustration** Practical 2 credits
**SEC 30: NGO Management & CSR** Theory 2 credits

**Total Credits 72 Core + 36 DSE + 8 SEC + 4 AECC = 120 Credits**

# COURSE AT A GLANCE

**M.A/ M. Sc Home Science (Food & Nutrition) 2022-24**

| CourseNo. | Title | Credit Hour | Mark Distribution | Total Mark |
|---|---|---|---|---|
| **1st Semester** | | | | |
| HSC. 411 | Research Methodology | 4(Theory) | 20+80 | 100 |
| HSC. 412 | Statistics & Computer Application | 4(Theory) | 20+80 | 100 |
| HSC. 413 | Nutritional Biochemistry | 4(Theory) | 20+80 | 100 |
| HSC. 414 | Infancy and Childhood Development | 4(Theory) | 20+80 | 100 |
| HSC. 415 | Practical related to all the theory papers | 4(Practical) | 100 | 100 |
| **Total** | | **20** | | **500** |
| | **Entrepreneurship development by dept. of MBA** | **2** | | |
| **II nd Semester** | | | | |
| HSC. 421 | Basics of Textile | 4(Theory) | 20+80 | 100 |
| HSC. 422 | Nutrition through lifecycle | 4(Theory) | 20+80 | 100 |
| HSC. 423 | Theories of Human Development & Family Studies | 4(Theory) | 20+80 | 100 |
| HSC. 424 | Community Health & Nutrition | 4(Theory) | 20+80 | 100 |
| HSC. 425 | Practical related to all the theory papers, Review of research papers in referred journals | 4(Practical) | | 100 |
| **Total** | | **20** | | **500** |
| | **IDC** | **3** | | |
| | **MOOC ( To be decided as per rule)** | **3** | | |
| **IIIrd Semester** | | | | |
| HSC. 511 | Therapeutic Nutrition | 4(Theory) | 20+80 | 100 |
| HSC. 512 | Food Processing | 4(Theory) | 20+80 | 100 |
| HSC. 513 | Institutional Food Management | 4(Theory) | 20+80 | 100 |
| HSC. 514 | Concerns in Public Health & Nutrition | 4(Theory) | 20+80 | 100 |
| HSC. 515 | Practical related to all the theory papers & Dissertation (Writing of Synopsis & Field Work) Presentation through a seminar | 4(Practical) | | 100 |
| | **Environmental study and disaster management by Dept. of EVS** | **2** | | |
| **Total** | | **20** | | **500** |
| **IV Semester** | | | | |
| HSC. 521 | Communication & Program Planning for health promotion | 4(Theory) | 20+80 | 100 |
| HSC. 522 | Concerns in Public Health & Nutrition | 4(Theory) | 20+80 | 100 |
| HSC. 523 | Advance Food Science & Nutrition | 4(Theory) | 20+80 | 100 |
| HSC. 524 | Dissertation | 4 | | 100 |
| HSC. 525 | Seminar & field work / lab work | 4 | | 100 |
| **Total** | | **20** | | **500** |

**Instruction to Paper Setters**

1. 60 marks In theory papers questions will be set unit-wise with 2 questions from each unit (total 8 questions) carrying a)15-one or b) 7.5-Two / 5-Three (on either or mode).The students shall answer any one question from each unit. (15X4=60)
2. 20 marks must be of MCQ/Fill in the Blanks/One word /True or False(1X20)
3. 20 marks of internal (assignment + written examination)

## Detail Syllabus of M.Sc. General Home Science Programme

## Implementation from June 2022

## Semester-1: General Home Science

| Course Code | Title of The Course | CC | CCr | WH | IM | EM | TM |
|---|---|---|---|---|---|---|---|
| 16081202010100 | Research Methods | MD | 04 | 04 | 30 | 70 | 100 |
| 16080202010200 | Extension Management & Media Production | Core | 04 | 04 | 30 | 70 | 100 |
| 16080202010200(P) | Extension Management & Media Production (Pra) | | 02 | 04 | --- | 50 | 50 |
| 16080202010300 | Entrepreneurship and Marketing Management | Core | 04 | 04 | 30 | 70 | 100 |
| 16080202010300(P) | Entrepreneurship and Marketing Management (Pra) | | 02 | 04 | --- | 50 | 50 |
| 16080202010401 | Maternal Nutrition | EL (any one) | 02 | 02 | 15 | 35 | 50 |
| 16080202010402 | Residential Interior Space Design | | | | | | |
| 16080202010403 | Gender and Development | | | | | | |
| 16080202010404 | Textile Chemistry | | | | | | |
| 16080202010405 | Rural Development | | | | | | |
| 16081202010500 | Clinical and Therapeutic Nutrition | Core | 04 | 04 | 30 | 70 | 100 |
| 16081202010500(P) | Clinical and Therapeutic Nutrition (Pra) | | 02 | 04 | --- | 50 | 50 |
| | Total | | 24 | 30 | 135 | 465 | 600 |

CC=Course Category, CCr= Course Credit, WH= Working Hours, IM=Internal Marks, EM =External Marks, TM=Total Marks, Course revision year=16, Faculty code=08, Subject code,= 01 for Foods & Nutrition, 02 for General Home Science and 12 for common for both, Level=02 (PG), Sem=01-04, Paper no= 01-05, Options 00 for Core, Multidisciplinary (MD), and Skill oriented (SO), for Elective =01-05 (EL **(Interpretation of code** 16081202010100 Here 16 means 2016, 08 Home science faculty, 12 means this paper is common for foods & nutrition and general home science, 02 means PG level, 01 Semester I , again 01 is paper no and last 00 is for Multidisciplinary course.**)**

## Semester-II: General Home Science

| Course Code | Title of The Course | CC | CCr | WH | IM | EM | TM |
|---|---|---|---|---|---|---|---|
| 16080202020100 | Care of elderly | Core | 04 | 04 | 30 | 70 | 100 |
| 16080202020200 | Apparel and Textile Design | Core | 04 | 04 | 30 | 70 | 100 |
| 16080202020200(P) | Apparel and Textile Design (Pra) | | 02 | 04 | --- | 50 | 50 |
| 16081202020300 | Food Science | Core | 04 | 04 | 30 | 70 | 100 |
| 16081202020300 | Food Science pra | | 02 | 04 | 30 | 70 | 100 |
| 16081202020401 | Nutrition for Health & Fitness | EL (any one) | 02 | 02 | 15 | 35 | 50 |
| 16080202020402 | Consumer information and redressal | | | | | | |
| 16080202020403 | Child and Human Rights | | | | | | |
| 16080202020404 | Color Science and Instrumentation | | | | | | |
| 16080202020405 | Programme Design and Evaluation | | | | | | |
| 16081202020500 | Statistics | SO | 04 | 04 | 30 | 70 | 100 |
| 16081202020500(P) | Computer Application (Pra) | | 02 | 04 | --- | 50 | 50 |
| | Total | | 24 | 30 | 135 | 465 | 600 |

CC=Course Category, CCr= Course Credit, WH= Working Hours, IM=Internal Marks, EM =External Marks, TM=Total Marks, Course revision year=16, Faculty code=08, Subject code,= 01 for Foods & Nutrition, 02 for General Home Science and 12 for common for both, Level=02 (PG), Sem=01-04, Paper no= 01-05, Options 00 for Core, Multidisciplinary (MD), and Skill oriented (SO), for Elective =01-05 **(Interpretation of code** 16080202020100 Here 16 means 2016, 08 Home science faculty, 02 for General home science, 02 means PG level, 02 Semester II , again 01 is paper no and last 00 is for Core course.**)**

## Semester-III: General Home Science

| Course Code | Title of The Course | CC | CCr | WH | IM | EM | TM |
|---|---|---|---|---|---|---|---|
| 16080202030100 | Development Communication | Core | 04 | 04 | 30 | 70 | 100 |
| 16080202030100P | Development Communication (Pra) | | 02 | 04 | --- | 50 | 50 |
| 16080202030200 | Dyeing and Printing | Core | 04 | 04 | 30 | 70 | 100 |
| 16080202030200P | Dyeing and Printing (Pra) | | 02 | 04 | --- | 50 | 50 |
| 16080202030300 | Care of Children with Disability and illness | Core | 04 | 04 | 30 | 70 | 100 |
| 16080202030300P | Care of Children with Disability and illness (Pra) | | 02 | 04 | --- | 50 | 50 |
| 16081202030401 | Dietetic techniques and patient counseling | EL (any one) | 02 | 02 | 15 | 35 | 50 |
| 16080202030402 | Ergonomics | | | | | | |
| 16080202030403 | Sustainable Development | | | | | | |
| 16080202030404 | Fashion Retailing | | | | | | |
| 16080202030405 | Guidance of Counseling | | | | | | |
| 16081202030500 | Scientific Writing | SO | 04 | 04 | 30 | 70 | 100 |
| | Total | | 24 | 30 | 135 | 465 | 600 |

CC=Course Category, CCr= Course Credit, WH= Working Hours, IM=Internal Marks, EM =External Marks, TM=Total Marks, Course revision year=16, Faculty code=08, Subject code,= 01 for Foods & Nutrition, 02 for General Home Science and 12 for common for both, Level=02 (PG), Sem=01-04, Paper no= 01-05, Options 00 for Core, Multidisciplinary (MD), and Skill oriented (SO), for Elective =01-05 **(Interpretation of code**16080202030100 Here 16 means 2016, 08 Home science faculty, 02 for General home science, 02 means PG level, 03 Semester III , again 01 is paper no and last 00 is for Core course.**)**

## Semester-IV: General Home Science

| Course Code | Title of The Course | CC | CCr | WH | IM | EM | TM |
|---|---|---|---|---|---|---|---|
| 16080202040100 | Communication Technologies in Extension | Core | 04 | 04 | 30 | 70 | 100 |
| 16080202040100(P) | Communication Tech. in Extension (Pra) | | 02 | 04 | --- | 50 | 50 |
| 16080202040200 | Institutinal Management | MD | 04 | 04 | 30 | 70 | 100 |
| 16080202040300 | Advance Apparel and Fashion Design | Core | 04 | 04 | 30 | 70 | 100 |
| 16080202040300(P) | Advance Apparel and Fashion Design (Pra) | | 02 | 04 | --- | 50 | 50 |
| 16080202040401 | Public Nutrition | EL (any one) | 02 | 02 | 15 | 35 | 50 |
| 16080202040402 | Human Resource Management | | | | | | |
| 16080202040403 | Environment Management | | | | | | |
| 16080202040404 | Textile Testing and Quality Control | | | | | | |
| 16080202040405 | Family and Child Welfare | | | | | | |
| 16081202040500 | Assessment of Nutritional Status | SO | 04 | 04 | 30 | 70 | 100 |
| 16081202040500(P) | Assessment of Nutritional Status (Pra) | | 02 | 04 | --- | 50 | 50 |
| 16081202040500(D) | Dissertation Of 150 marks instead of 16081202040500 and 16081202040500(P) | ---- | ---- | --- | -- | 50 for Viva-voce 100 Report | 150 |
| | Total | | 24 | 30 | 135 | 465 | 600 |

CC=Course Category, CCr= Course Credit, WH= Working Hours, IM=Internal Marks, EM =External Marks, TM=Total Marks, Course revision year=16, Faculty code=08, Subject code,= 01 for Foods & Nutrition, 02 for General Home Science and 12 for common for both, Level=02 (PG), Sem=01-04, Paper no= 01-05, Options 00 for Core, Multidisciplinary (MD), and Skill oriented (SO), for Elective =01-05 D for Dissertation **(Interpretation of code** 16080202040100 Here 16 means 2016, 08 Home science faculty, 02 for General home science, 02 means PG level, 04 Semester IV , again 01 is paper no and last 00 is for Core course.**)**

**List of Elective Subjects in M. Sc. General Home Science Programme**

| Semester | General Home Science | | | | |
|---|---|---|---|---|---|
| | Related to Food & Nutrition | Related to Home Management | Related to Extension & Communication | Related to Clothing & Textile | Related to Child Development |
| I | Maternal nutrition | Residential Interior Space Design | Rural Development | Textile Chemistry | Gender and Development |
| II | Nutrition for health and fitness | Consumer information and redressal | Program design and evaluation | Color Science and Instrumentation | Child and Human Rights |
| III | Dietetic techniques and patient counseling | Ergonomics | Sustainable Development: | Fashion Retailing | Guidance andCounseling |
| IV | Public Nutrition | Human Resource Management | Environment Management | Textile Testing and Quality Control | Family and child welfare |

# Dr. Preeti Global University, Shivpuri (M.P)

**Syllabus for Bachelor in Hotel Management & Catering Technology (HMCT)**
**(Applicable from the academic session 2022)**

**SEMESTER: 1**

| S. NO. | COURSE NO. | SUBJECT | PERIODS | | | EVALUATION SCHEME | | | | | CREDITS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | (THEORY) | | L | T | P | SESSIONAL EXAM | | | ESE | SUB TOTAL | |
| | | | | | | TA | CT | TOT | | | |
| 1 | HM101 | FOUNDATION COURSE IN FOOD PRODUCTION - 1 | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 2 | HM102 | FOUNDATION COURSE IN FOOD & BEVERAGE SERVICE -I | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 3 | HM103 | FOUNDATION COURSE IN FRONT OFFICE | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 4 | HM104 | FOUNDATION COURSE IN HOUSE KEEPING | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 5 | HM105 | COMMUNICATION | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| 6 | HM106 | APPLICATION OF COMPUTERS | 2 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| | (PRACTICAL / PROJECT) | | | | | | | | | | |
| 1 | HM191 | FOOD PRODUCTION PRACTICAL - 1 | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| 2 | HM192 | FOOD & BEVERAGE SERVICE PRACTICAL - 1 | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| 3 | HM193 | FRONT OFFICE PRACTICAL - 1 | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| 4 | HM194 | HOUSE KEEPING PRACTICAL - 1 | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| 5 | HM196 | APPLICATION OF COMPUTERS PRACTICAL - 1 | | | 2 | 20 | 20 | 40 | 60 | 100 | 2 |
| | | TOTAL | 17 | 6 | 14 | | | | | 1100 | 26 |

TA = TEACHERS ASSESSMENT CT = CLASS TEST ESE = END SEMESTER EXAMINATION TOTAL MARKS : 1100 TOTAL PERIODS : 37 TOTAL CREDITS : 26

**SEMESTER: 2**

| S. NO. | COURSE NO. | SUBJECT | PERIODS | | | EVALUATION SCHEME | | | | | CREDITS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | (THEORY) | | L | T | P | SESSIONAL EXAM | | | ESE | SUB TOTAL | |
| | | | | | | TA | CT | TOT | | | |
| 1 | HM201 | FOUNDATION COURSE IN FOOD PRODUCTION -II | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 2 | HM202 | FOUNDATION COURSE IN FOOD & BEVERAGE SERVICE -II | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 3 | HM203 | FRONT OFFICE OPERATION - 1 | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 4 | HM204 | HOUSE KEEPING OPERATION - 1 | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 5 | HM205 | FOOD SCIENCE & NUTRITION | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| 6 | HM206 | BUSINESS COMMUNICATION | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| | (PRACTICAL/ PROJECT) | | | | | | | | | | |
| 1 | HM291 | FOOD PRODUCTION PRACTICAL - II | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| 2 | HM292 | FOOD & BEVERAGE SERVICE PRACTICAL -II | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| 3 | HM293 | FRONT OFFICE PRACTICAL - II | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| 4 | HM294 | HOUSE KEEPING PRACTICAL - II | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| | | TOTAL () | 18 | 6 | 12 | | | | | 1000 | 24 |

TA = TEACHERS ASSESSMENT CT = CLASS TEST ESE = END SEMESTER EXAMINATION TOTAL MARKS : 1000 TOTAL PERIODS : 36 TOTAL CREDITS : 24

**SEMESTER: 3**

| S. NO. | COURSE NO. | SUBJECT | PERIODS | | | EVALUATION SCHEME | | | | | CREDITS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| (THEORY) | | | L | T | P | SESSIONAL EXAM | | | ESE | SUB TOTAL | |
| | | | | | | TA | CT | TOT | | | |
| 1 | HM301 | FOOD PRODUCTION OPERATION-I | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 2 | HM302 | FOOD & BEVERAGE SERVICE OPERATIONS - 1 | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 3 | HM303 | FRONT OFFICE OPERATION - II | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 4 | HM304 | HOUSE KEEPING OPERATION - II | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 5 | HM305 | HOTEL INFORMATION SYSTEM | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| 6 | HM306 | FOOD & BEVERAGE CONTROLS & MANAGEMENT | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| (PRACTICAL/ PROJECT) | | | | | | | | | | | |
| 1 | HM391 | FOOD PRODUCTION PRACTICAL- III | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| 2 | HM392 | FOOD & BEVERAGE SERVICE PRACTICAL -III | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| 3 | HM393 | FRONT OFFICE PRACTICAL - III | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| 4 | HM394 | HOUSE KEEPING PRACTICAL - III | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| | | TOTAL (38) | 18 | 6 | 12 | | | | | 1000 | 24 |

TA = TEACHERS ASSESSMENT CT = CLASS TEST ESE = END SEMESTER EXAMINATION TOTAL MARKS : 1000 TOTAL PERIODS : 36 TOTAL CREDITS : 24

**SEMESTER: 4**

| S. NO. | COURSE NO. | SUBJECT | PERIODS | | | EVALUATION SCHEME | | | | | CREDITS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CTHEORY) | | | L | T | P | SESSIONAL EXAM | | | ESE | SUB TOTA | |
| | | | | | | TA | CT | TOT | | | |
| 1 | HM401 | FOOD PRODUCTION OPERATION-II | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 2 | HM402 | FOOD & BEVERAGE SERVICE OPERATIONS -II | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 3 | HM403 | FRONT OFFICE MANAGEMENT | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 4 | HM404 | HOUSE KEEPING MANAGEMENT | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 5 | HM405 | BASIC ACCOUNTING | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| 6 | HM406 | INTRODUCTION TO MANAGEMENT | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| PRACTICAL/ PROJECT) | | | | | | | | | | | |
| 1 | HM491 | FOOD PRODUCTION PRACTICAL - IV | | | 4 | 20 | 20 | 40 | 60 | 100 | 2 |
| 2 | HM492 | FOOD & BEVERAGE SERVICE PRACTICAL - IV | | | 4 | 20 | 20 | 40 | 60 | 100 | 2 |
| 3 | HM493 | FRONT OFFICE PRACTICAL - IV | | | 2 | 20 | 20 | 40 | 60 | 100 | 2 |
| 4 | HM494 | HOUSE KEEPING PRACTICAL - IV | | | 2 | 20 | 20 | 40 | 60 | 100 | 2 |
| | | TOTAL (37) | 18 | 6 | 12 | | | | | 1000 | 24 |

TA = TEACHERS ASSESSMENT CT = CLASS TEST ESE = END SEMESTER EXAMINATION TOTAL MARKS : 1000 TOTAL PERIODS : 36 TOTAL CREDITS :24

**SEMESTER: 5**

| S. NO. | COURSE NO. | SUBJECT | PERIODS | | | EVALUATION SCHEME | | | | | CREDITS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| (THEORY) 3 | | | L | T | P | SESSIONAL EXAM | | | ESE | SUB | |
| | | | | | | TA | CT | TOT | | | |
| 1 | HM501 | HOTEL ACCOUNTING | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 2 | HM502 | FACILITY PLANNING - I | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 3 | HM503 | HOSPITALITY MARKETING | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 4 | HM504 | TOURISM MANAGEMENT | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 5 | HM 505 | ENVIRONMENTAL ISSUES | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| | | | 15 | 5 | | | | | | | 15 |
| (PRACTICAL / PROJECT) | | | | | | | | | | | |
| 1 | HM595 | PERSONALITY DEVELOPMENT PRACTICAL -I | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |

TA = TEACHERS ASSESSMENT CT = CLASS TEST ESE = END SEMESTER EXAMINATION TOTAL MARKS: 600 TOTAL PERIODS: 23 TOTAL CREDITS: 17

**SEMESTER: 6**

| S. NO. | COURSE NO. | SUBJECT | PERIODS | | | EVALUATION SCHEME | | | | | CREDITS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| (PRACTICAL/ PROJECT) | | | L | T | P | SESSIONAL EXAM | | | ESE | SUB TOTAL | |
| | | | | | | TA | CT | TOT | | | |
| 1 | HM681 | INDUSTRIAL TRAINING ( MIN 20 TO MAX 22 WEEKS) | | | | | | | | | 10 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | TOTAL | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | ASSESSMENT PROCEDURE FOR HM 601 | | | | | | | | | |
| | | Industrial Training Report | | | | | | | 60 | | |
| | | Report Presentation | | | | | | | 20 | | |
| | | Viva-Voice ON Industrial Training | | | | | | | 20 | | |
| | | | | | | | | | 100 | 100 | |

TA = TEACHERS ASSESSMENT CT = CLASS TEST ESE = END SEMESTER EXAMINATION TOTAL MARKS : 100 TOTAL PERIODS : 20 weeks TOTAL CREDITS :10

**Syllabus for Bachelor in Hotel Management & Catering Technology (HMCT)(Applicable from the academic session 2022)**

**SEMESTER: 7**

| S. NO. | COURSE NO. | SUBJECT | PERIODS | | | EVALUATION SCHEME | | | | | CREDITS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | (THEORY) | | L | T | P | SESSIONAL EXAM | | | ESE | SUB TOTA | |
| | | | | | | TA | CT | TOT | | | |
| 1 | HM701A/B/C/D | ADVANCED FOOD PRODUCTION AN PATISSERIE SPECIALISATION/ADVANCED FOOD AND BEVERAGE SERVICE -II SPECIALISATION/FRONT OFFICE MANAGEMENT (FOM) SPECIALISATION/HOUSEKEEPING MANAGEMENT(HKM)SPECIALISATION (CHOOSE ANY ONE) | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 2 | HM702 | RESEARCH METHODOLOGY | 3 | 1 | | 10 | 20 | 30 | 70 | 100 | 3 |
| 3 | HM703 | ORGANIZATIONAL BEHAVIOUR | 2 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| 4 | HM704 | BUSINESS LAW | 2 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| 5 | HM705 | FINANCIAL MANAGEMENT | 2 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| 6 | HM706 | HUMAN RESOURCE MANAGEMENT | 2 | 1 | | 10 | 20 | 30 | 70 | 100 | 2 |
| | (PRACTICAL / PROJECT) | | | | | | | | | | |
| 1 | HM791A/B/C/D | ADVANCED FOOD PRODUCTION AN PATISSERIE SPECIALISATION LAB/ADVANCED FOOD AND BEVERAGE SERVICE -II SPECIALISATION LAB/FRONT OFFICE MANAGEMENT (FOM) SPECIALISATION LAB/HOUSEKEEPING MANAGEMENT(HKM)SPECIALISATION LAB (CHOOSE ANY ONE) | | | 3 | 20 | 20 | 40 | 60 | 100 | 3 |
| 2 | HM795 | PERSONALITY DEVELOPMENT PRACTICAL -II | | | 3 | 20 | 20 | 40 | 60 | 100 | 2 |
| | | TOTAL | 14 | 6 | 6 | | | | | 800 | 19 |

**Syllabus for Bachelor in Hotel Management & Catering Technology**
**(HMCT)(Applicable from the academic session 2022)**

TA = TEACHERS ASSESSMENT CT = CLASS TEST ESE = END SEMESTER EXAMINATION TOTAL MARKS : 900 TOTAL PERIODS : 26 TOTAL CREDITS : 19

**SEMESTER: 8**

| S. NO. | COURSE NO. | SUBJECT | PERIODS | | | EVALUATION SCHEME | | | | | CREDITS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | (SESSIONAL) | | L | T | P | SESSIONAL EXAM | | | ESE | SUB TOTAL | |
| | | | | | | TA | CT | TOT | | | |
| 1 | HM881 | SUPERVISORY WORK EXPERIENCE IN SELECTED DEPARTMENT / CHOICE DEPARTMENT | | | | | | | | 200 | 8 |
| | HM882 | Research Project ON THE DEPARTMENT WHERE THE WORK EXPERIENCE IS HAPPENING | | | | | | | | 200 | 8 |
| | | | | | | | | | | | |
| | TOTAL | | | | | | | | | 400 | 16 |

TA = TEACHERS ASSESSMENT CT = CLASS TEST ESE = END SEMESTER EXAMINATION TOTAL MARKS: 600 TOTAL PERIODS: TOTAL CREDITS: 16

ONE SEMESTER = 90 WORKING DAYS OF WHICH AT LEAST 80 DAYS OF TEACHING TOTAL CLASS ROOM / LABORATORY CONTACT HOURS PER WEEK 36 HOURS.

# Study And Evaluation Scheme For

## Diploma Course In Hotel Management & Catering Technology

**I Semester**

| S.N. | NAMEOF SUBJECT | PERIOD PERWEEK | | EXAMINATIONSCHEME | | | | | | | | GRANDTOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | THEORY | | | | PRACTICAL | | | | |
| | | Th | Pr. | EXAMINATION | | Sess. Marks | Total Marks | EXAMINATION | | Sess. Marks | Total Marks | |
| | | | | Dur. | Marks | | | Dur. | Marks | | | |
| 1.1 | FOUNDATION COURSE IN FOOD PRODUCTION | 06 | 12 | 2.5 | 100 | 40 | 140 | 06 | 100 | 40 | 140 | 280 |
| 1.2 | FOUNDATION COURSE IN FOOD & BEVERAGE SERVICE | 04 | 08 | 2.5 | 100 | 40 | 140 | 03 | 75 | 35 | 110 | 250 |
| 1.3 | BASIC NUTRITION & PRINCIPLEOF FOODSCIENCE | 06 | -- | 2.5 | 50 | 20 | 70 | | | | | 70 |
| 1.4 | BASIC ACCOUNTANCY | 06 | -- | 2.5 | 50 | 20 | 70 | | | | | 70 |
| 1.5 | COMMUNICATIONSKILL | 06 | | 2.5 | 50 | 20 | 70 | | | | | 70 |
| | DISCIPLINE GAMES | | | | | | | | | | | 15 10 |
| | Total | 28 | 20 | | 350 | 140 | 490 | | 175 | 75 | 250 | 765 |

## NOTE:-

(1) Eachperiodwillbeof50minutesduration.

(2) Eachsessionwillbeof16weeks.

(3) Effectiveteachingwillbeatleast14weeks.

(4) Remainingperiodswillbeutilisedforrevisionetc.

# Study And Evaluation Scheme For

**Diploma Course In Hotel Management & Catering Technology**

**II Semester**

| S.N. | NAMEOF SUBJECT | PERIOD PERWEEK | | EXAMINATIONSCHEME | | | | | | | | GRAND TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | THEORY | | | | PRACTICAL | | | | |
| | | Th | Pr. | EXAMINATION | | Sess. Marks | Total Marks | EXAMINATION | | Sess. Marks | Total Marks | |
| | | | | Dur. | Marks | | | Dur. | Marks | | | |
| 2.1 | FOUNDATION COURSE IN ACCOMODATION OPERATION | 06 | 08 | 2.5 | 100 | 40 | 140 | 03 | 75 | 35 | 110 | 250 |
| 2.2 | FOUNDATION COURSE IN FRONT OFFICE | 06 | 08 | 2.5 | 100 | 40 | 140 | 03 | 75 | 35 | 110 | 250 |
| 2.3 | APPLICATIONOF COMPUTER | 04 | 04 | 2.5 | 50 | 20 | 70 | 03 | 50 | 20 | 70 | 140 |
| 2.4 | HOTEL ENGINEERING | 06 | -- | 2.5 | 50 | 20 | 70 | -- | -- | -- | -- | 70 |
| | DISCIPLINE GAMES | | | | | | | | | | | 15<br>10 |
| | Total | 22 | 20 | | 300 | 120 | 420 | | 200 | 90 | 290 | 735 |

## NOTE:-

(1) Eachperiodwillbeof50minutesduration.

(2) Eachsessionwillbeof16weeks.

(3) Effectiveteachingwillbeatleast14weeks.

(4) Remainingperiodswillbeutilisedforrevisionetc.

(5) Afterthe examination, The II Semester Students are scheduled for 20 weeks industrial training in Government Approved (Star Category) Hotel. It will be structured and supervised by institution. The student will submit the training report and certified log book from hotel department to hotel manager. The manager shall evaluate the student at hotel level for 100 marks for his performance and internal assessment for sessional marks will be done by the committee of institute for 40 marks and the external examiner will evaluate the student for 60 marks in IV Semester.In case, the hotel failsto award marks for allotted 100 marks, the grade should be given by the hotel. According to grade the marks will awarded by the external examiner with the help of training placement officer of the institute. Certified log book and training report duly signed by training manager/manager of hotel have to submit to institute by student.

(6) The external examiner should be appointed from hotel industry or hotel management institute.

# Study And Evaluation Scheme For

## Diploma Course In Hotel Management & Catering Technology

### III Semester

| S.N. | NAMEOF SUBJECT | PERIOD PERWEEK | | EXAMINATIONSCHEME | | | | | | | | GRAND TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | THEORY | | | | PRACTICAL | | | | |
| | | Th | Pr. | EXAMINATION | | Sess. Marks | Total Marks | EXAMINATION | | Sess. Marks | Total Marks | |
| | | | | Dur. | Marks | | | Dur. | Marks | | | |
| 3.1 | FOOD PRODUCTION OPERATION | 03 | 08 | 2.5 | 100 | 40 | 140 | 06 | 80 | 40 | 120 | 260 |
| 3.2 | FOOD &BEVERAGE SERVICE OPERATION | 02 | 04 | 2.5 | 100 | 40 | 140 | 03 | 75 | 35 | 110 | 250 |
| 3.3 | FRONTOFFICE OPERATION | 02 | 04 | 2.5 | 100 | 40 | 140 | 03 | 75 | 35 | 110 | 250 |
| 3.4 | ACCOMODATION OPERATION | 02 | 04 | 2.5 | 100 | 40 | 140 | 03 | 75 | 35 | 110 | 250 |
| 3.5 | FOOD& BEVERAGE CONTROLS | 02 | | 2.5 | 100 | 40 | 140 | | | | | 140 |
| 3.6 | HOTEL ACCOUNTANCY | 04 | -- | 2.5 | 50 | 20 | 70 | | | | | 70 |
| 3.7 | FOODSAFETY ANDQUALITY | 04 | -- | 2.5 | 50 | 20 | 70 | | | | | 70 |
| 3.8 | MANAGEMENTIN TOURISM | 04 | | 2.5 | 50 | 20 | 70 | | | | | 70 |
| 3.9 | COMMUNICATION SKILLINENGLISH | 02 | | 2.5 | 50 | 20 | 70 | | | | | 70 |
| 3.10 | HUMAN RESOURCE MANAGEMENT | 03 | | 2.5 | 50 | 20 | 70 | | | | | 70 |
| | DISCIPLINE GAMES | | | | | | | | | | | 15<br>10 |
| | **Total** | **28** | **20** | | **750** | **300** | **1050** | | **305** | **145** | **450** | **1525** |

## NOTE:-

(1) Eachperiodwillbeof50minutesduration.

(2) Eachsessionwillbeof16weeks.

(3) Effectiveteachingwillbeatleast14weeks

(4) Remainingperiodswillbeutilisedforrevisionetc.

(5) (*)The Hotel manager shall evaluate the student at hotel level for 100 marks for hisperformanceandinternalassessmentforsessionalmarkswillbedoneby the committee of institute for 40 marks

**MASTER OF JOURNALISM & MASS COMMUNICATION**
**(Choice Based Credit System)**

**FIRST SEMESTER**

| Code | Course Name | Marks | Credit | Category |
|---|---|---|---|---|
| MJMC-101 | Basic Principles of Communication | 100 | 4 | A |
| MJM-102 | Origin and Development of Mass Media | 100 | 4 | A |
| MJMC-103 | Indian Govt. & Politics | 100 | 4 | A |
| MJMC-104 | Reporting & Editing | 100 | 4 | A |
| MJMC-105 | Indian Economy and Economic Reporting | 100 | 4 | A |
| **Total** | | **500** | **20** | |

**SECOND SEMESTER**

| Code | Course Name | Marks | Credit | Category |
|---|---|---|---|---|
| MJMC-201 | Development Communication | 100 | 4 | A |
| MJMC-202 | Media Laws and Ethics | 100 | 4 | A |
| MJMC-203 | Media and Society | 100 | 4 | A/C/D |
| MJMC-204 | Electronic Media(Radio & TV ) | 100 | 4 | B/C/D |
| MJMC-205 | Professional Writing(Practical) | 100 | 4 | A |
| **Total** | | **500** | **20** | |

Category: A- Core, C- Open to Allied subjects, D- Open to All

**THIRD SEMESTER**

| Code | Course Name | Marks | Credit | Category |
|---|---|---|---|---|
| MJMC-301 | Media Management | 100 | 4 | A |
| MJMC-302 | Communication Research | 100 | 4 | A |
| MJMC-303<br>MJMC-303A<br>MJMC-303B | Visual Communication<br>International Communications<br>Rural Communication | 100<br>100<br>100 | 4 | B/C/D |
| MJMC-304 | New Media Technology and Applications | 100 | 4 | A |
| MJMC-305 | Internship | 100 | 4 | A |
| | | **500** | **20** | |

Category: A- Core, B- Elective, C-Open to Allied Subjects, D-Open to All

**FOURTH SEMESTER**

| Code | Course Name | Marks | Credit | Category |
|---|---|---|---|---|
| MJMC-401 | Public Relations | 100 | 4 | A |
| MJMC-402 | Media and Human Rights | 100 | 4 | A |
| MJMC-403 | Printing technology, Layout & Design | 100 | 4 | A |
| MJMC-404 | Advertising | 100 | 4 | A |
| MJMC-405 | Project Report (Report -75, Presentation and Viva Voce -25) | 100 | 6 | A |
| | | **500** | 22 | |

Category: A- Core, B- Elective, C-Open to Allied Subjects, D-Open to All

**<u>Audit Courses</u>**

i) Sports journalism

ii) Radio Journalism

iii) Cyber Journalism

iv) Odia Journalism (Print)

v) Odia Journalism (Electronic)

# Dr. Preeti Global University, Shivpuri (M.P)

Scheme of Examination

B.A LL .B

Semester-I

(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| B.A. LL.B. | ENGLISH - I | 20 | 7 | 80 | 28 | - | - | 100 |
| | POLITICAL SCIENCE-I | 20 | 7 | 80 | 28 | - | - | 100 |
| | HISTORY-I | 20 | 7 | 80 | 28 | - | - | 100 |
| | ECONOMICS-I | 20 | 7 | 80 | 28 | - | - | 100 |
| | LAW OF TORTS INCLUDING M.V. ACCIDENTS AND CONSUMER PROTECTION LAWS | 20 | 7 | 80 | 28 | - | - | 100 |
| | LAW OF CONTRACT -I | 20 | 7 | 80 | 28 | - | - | 100 |
| | COMPRENHENSIVE VIVA VOCE | - | - | - | - | - | - | 100 |
| | Total | | | | | | | 700 |

Dr. Preeti Global University, Shivpuri (M.P)

Scheme of Examination

B.A. LL.B.

Semester-II

(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| B.A. LL.B. | ENGLISH –II | 20 | 07 | 80 | 28 | - | - | 100 |
| | POLITICAL SCIENCE-II | 20 | 07 | 80 | 28 | - | - | 100 |
| | HISTORY–II | 20 | 07 | 80 | 28 | - | - | 100 |
| | ECONOMICS PAPER-II | 20 | 07 | 80 | 28 | - | - | 100 |
| | LAW OF CONTRACT-II | 20 | 07 | 80 | 28 | - | - | 100 |
| | CONSTITUTIONAL LAW -1 | 20 | 07 | 80 | 28 | - | - | 100 |
| | COMPRENHENSIVE VIVA VOCE | | | | | | | 100 |
| | **Total** | | | | | | | 700 |

Dr. Preeti Global University, Shivpuri (M.P) (M.P)
Scheme of Examination
B.A. LL.B.
Semester-III
(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| B.A. LL.B. | POLITICAL SCIENCE –III | 20 | 07 | 80 | 28 | - | - | 100 |
| | LEGAL LANGUAGE | 20 | 07 | 80 | 28 | - | - | 100 |
| | ECONOMICS III | 20 | 07 | 80 | 28 | - | - | 100 |
| | (FAMILYLAW) HINDU LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | HUMAN RIGHTS LAW AMD PRACTICE | 20 | 07 | 80 | 28 | - | - | 100 |
| | CONSTITUTIOINAL LAW II | | | | | | | |
| | COMPREHENSIVE VIVA VOCE | | | | | | | 100 |
| | Total | | | | | | | 700 |

Department of Law
Dr. Preeti Global University, Shivpuri (M.P)
B.A. LL.B (5 YEAR)
SECOND YEAR

**Semester – III**

**Course** **B.A. LL.B**

**Subject Title** **CONSTITUTIONAL LAW- II**

## UNIT-I Administration of Frinz Area

1. Administration of Union Territories
2. The Panchayat and Municipalities
3. The schedule and tribal areas

## UNIT-Il Legislative and Administrative Relations

1. Relation between the Union and the State
2. Distribution of legislative power
3. Administrative relations
4. Disputes relating to water.
5. Freedom of trade, commerce and intercourse within territory of India

## UNIT – III Finance and Service

1. Financial provisions: property, contracts, rights, liabilities obligation and Suit
2. Public service commissions, service under the Union and the States

## UNIT IV Tribunals and Special other matters

1. Tribunals,
2. Elections,
3. Special provisions-relating to certain classes,
4. Official language

Dr. Preeti Global University, Shivpuri (M.P)

Scheme of Examination

B.A. LL.B.

Semester-V

(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| B.A. LL.B. | POLITICAL SCIENCE-V | 20 | 07 | 80 | 28 | - | - | 100 |
| | HINDI LANGUAGE – II | 20 | 07 | 80 | 28 | - | - | 100 |
| | ENVIRONMWENTAL LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | LABOUR AND INDUSTRIAL LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | LAW OF CRIMES- I (PENAL COD) | 20 | 07 | 80 | 28 | - | - | 100 |
| | JURISPRUDENCE | 20 | 07 | 80 | 28 | - | - | 100 |
| | COMPREHENSIVE VIVA VOCE | | | | | | | 100 |
| | Total | | | | | | | 700 |

Dr. Preeti Global University, Shivpuri (M.P)
Scheme of Examination
B.A LL .B
Semester-VI
(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| B.A. LL.B. | POLITICAL SCIENCE –VI | 20 | 07 | 80 | 28 | - | - | 100 |
| | HINDI LANGUAGE – III | 20 | 07 | 80 | 28 | - | - | 100 |
| | INTELLECTUAL PROPERTY LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | GENDER JUSTICE & FEMINIST JURISPRUDENCE | 20 | 07 | 80 | 28 | - | - | 100 |
| | LAW OF CRIMES -II (CRIMINAL PROCEDURE CODE) | 20 | 07 | 80 | 28 | | | 100 |
| | INTERPRETATION OF STATUTES AND PRINCIPLES OF LEGISLATION | 20 | 07 | 80 | 28 | - | - | 100 |
| | COMPREHENSIVE VIVA VOCE | | | | | | | 100 |
| | Total | | | | | | | 700 |

Dr. Preeti Global University, Shivpuri (M.P)
Scheme of Examination
B.A LL .B
Semester-VII
(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| B.A. LL.B. | PROPERTY LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | COMPANY LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | LAND LAWS INCLUDING TENURE & TENANCY SYSTEM | 20 | 07 | 80 | 28 | - | - | 100 |
| | BANKING LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | PROFESSIONAL ETHICS AND PROFESSIONAL ACCOUNTING SYSTEM | 20 | 07 | 80 | 28 | | | 100 |
| | COMPREHENSIVE VIVA VOCE | | | | | | | 100 |
| | Total | | | | | | | 700 |

Dr. Preeti Global University, Shivpuri (M.P)

Scheme of Examination
B.A. LL.B.
Semester-VIII
(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| B.A. LL.B | LAW OF EVIDENCE | 20 | 07 | 80 | 28 | - | - | 100 |
| | HEALTH LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | PENOLOGY VICTIMOLOGY | 20 | 07 | 80 | 28 | - | - | 100 |
| | LAW ON CORPORATE FINANCE | 20 | 07 | 80 | 28 | - | - | 100 |
| | ALTERNATE DISPUTE RESOLUTION | 20 | 07 | 80 | 28 | - | - | 100 |
| | COMPRENHENSIVE VIVA VOCE | | | | | | | 100 |
| | **Total** | | | | | | | 600 |

Dr. Preeti Global University, Shivpuri (M.P)Scheme of Examination

B.A. LL.B.

Semester-IX

(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| B.A. LL | PRINCIPLES OF TAXATION LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | PUBLIC INTERNATIONAL LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | MEDIA AND LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | INSURANCE LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | MOOT COURT EXERCISE AND INTERNSHIP | 20 | 07 | 80 | 28 | - | - | 100 |
| | COMPREHENSIVE VIVA VOCE | | | | | | | 100 |
| | Total | | | | | | | 600 |

Dr. Preeti Global University, Shivpuri (M.P)Scheme of Examination

B.A. LL.B.

Semester-X

(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| B.A. LL.B. | CIVIL PROCEDURE CODE AND LIMITATION ACT | 20 | 07 | 80 | 28 | - | - | 100 |
| | PROBATION AND PAROLE | 20 | 07 | 80 | 28 | - | - | 100 |
| | WOMEN AND CRIMINAL LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | INFORMATION TECHNOLOGY LAW | 20 | 07 | 80 | 28 | - | - | 100 |
| | DRAFTING, PLEADING AND CONVEYANCE | 20 | 07 | 80 | 28 | - | - | 100 |
| | ComprenhensiveVIVA Voce | | | | | | | 100 |
| | Total | | | | | | | 600 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## LL.B

## Semester-I

(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| LL.B | Constitutional law – I<br><br>LLB - 101 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Law of Torts Including M.V. Accident &Consumer Protection Law<br><br>LLB-102 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Labour and industrial law<br><br>LLB - 103 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Law of Contract- I<br><br>LLB - 104 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Family Law-I (Hindu Law)<br><br>LLB - 105 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Women and criminal law<br><br>LLB – 106 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Total | | | | | | | 600 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## LL.B

## Semester-II

(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| LL.B | Constitutional Law – II LLB - 101 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Law of contract- II LLB – 202 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Law of crimes -1 LLB - 203 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Family Law-II (Muslim Law) LLB - 204 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Offence against Child and Juvenile offences LLB – 205 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Human Rights law and practice LLB - 206 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Total | | | | | | | 600 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## LL.B

## Semester-III

(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| LL.B | Law of crimes-II ( Code of Criminal Procedure) LLB - 301 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Jurisprudence(LegalMethod, Indian Legal system And Basic Theory) LLB - 302 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Administrative Law LLB - 303 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Health Law LLB - 304 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Professional ethics and professional accounting system LLB - 305 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Local self-Government including Panchayat administration LLB - 306 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Total | | | | | | | 600 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## LL.B
## Semester-IV
(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| LL.B | Altenate dispute resolution LLB - 401 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Environmanetal law LLB - 402 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Principle of Taxation Law, LLB - 403 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Compny law LLB - 404 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Public International Law LLB - 405 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Media and law LLB - 406 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Total | | | | | | | 600 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## LL.B

## Semester-V

(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| LL.B | Intellectual Property law LLB - 501 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Law of evidence LLB - 502 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Civil procedure code and limitation act LLB - 503 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Property law LLB - 504 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Interpretation of statutes and principles of legislation LLB - 505 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Drafting pleading and conveyance LLB - 506 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Total | | | | | | | 600 |

# Dr. Preeti Global University, Shivpuri (M.P)

Scheme of Examination

LL.B

Semester-VI

(w.e.f. July 2022 Onwards)

(Non Grading)

| Course Name | Subject | Theory Max. Marks | | | | Practical Max Marks | | Total |
|---|---|---|---|---|---|---|---|---|
| | | Internal | | External | | Max Marks | Min Marks | |
| | | Max | Min | Max | Min | | | |
| LL.B | Information technology law LLB – 601 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Insurance Law LLB - 602 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Banking Law LLB - 603 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Penology and Victimology LLB - 604 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Land laws LLB - 605 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Moot Court (Clinical Course) LLB - 606 | 20 | 07 | 80 | 28 | - | - | 100 |
| | Total | | | | | | | 600 |




# Dr. Preeti Global University, Shivpuri (M.P)

**As per model syllabus of U.G.C. New Delhi, drafted by Central Board of Studies and Approved by Higher Education and the Governor of M.P.**

## Department of LAW

# (LL.M)

**Faculty of LAW**

**Syllabus LL.M Semester Examination**

**2022**

**Semester**

**I,II,III,IV**

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Dr. Preeti Global University, Shivpuri (M.P)

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

Faculty of Law

Department of Law

Scheme of Course : MASTER OF LAW (L.L.M.) Course Code : LLM GROUP B - Criminal Law SEMESTER – I

| Paper / Subject Code | Title of the Paper / Subject | Credit Allotted | | | Total Credit | Distribution of Marks | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Theory | | | | | Practical | | | | Grand Total (G= C+F) |
| | | | | | | End Sem. | | Sessional | | Total (C= A+B) | End Sem. | | Internal | Total (F=D+E) | |
| | | L | T | P | | Max (A) | Min | Max (B) | Min | | Max (D) | Min | LW (E) | | |
| LLM101 | Law And Social Transformation In India | 6 | 2 | 0 | 8 | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| LLM102 | Indian Constitution Law :The New Challenges | 6 | 2 | 0 | 8 | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| LLM103-B | Comparative Criminal Procedures | 6 | 2 | 0 | 8 | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| LLM104-B | Penology: Treatment Of Offenders | 6 | 2 | 0 | 8 | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| | Total | 24 | 08 | 0 | 32 | 400 | - | - | - | 400 | - | - | - | - | 400 |

The duration of theory exam is 3 Hrs

## Dr. Preeti Global University, Shivpuri (M.P)

# Scheme of Examination

Department of Law

Faculty of Law

Scheme of Course : MASTER OF LAW (L.L.M.) Course Code : LLM GROUP B - Criminal Law SEMESTER – II

| Paper / Subject Code | Title of the Paper / Subject | Credit Allotted | | | Total Credit | Distribution of Marks | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Theory | | | | | Practical | | | | Grand Total (G= C+F) |
| | | | | | | End Sem. | | Sessional | | Total (C= A+B) | End Sem. | | Internal | Total (F=D+E) | |
| | | L | T | P | | Max (A) | Min | Max (B) | Min | | Max (D) | Min | LW (E) | | |
| LLM201 | Judicial Process | 6 | 2 | 0 | 8 | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| LLM202-B | Privileged Class Deviance | 6 | 2 | 0 | 8 | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| LLM203-B | Drug Addiction & Criminal Justice | 6 | 2 | 0 | 8 | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| | Total | 18 | 06 | 0 | 24 | 300 | - | - | - | 300 | - | - | - | - | 300 |

The duration of theory exam is 3 Hrs

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

Department of Law

Faculty of Law

Scheme of Course : MASTER OF LAW (L.L.M.) Course Code : LLM GROUP B - Criminal Law SEMESTER – III

| Paper / Subject Code | Title of the Paper / Subject | Credit Allotted | | | Total Credit | Distribution of Marks | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Theory | | | | | Practical | | | | Grand Total (G= C+F) |
| | | | | | | End Sem. | | Sessional | | Total (C= A+B) | End Sem. | | Internal | Total (F=D+E) | |
| | | L | T | P | | Max (A) | Min | Max (B) | Min | | Max (D) | Min | LW (E) | | |
| LLM301 | Legal Education & Research Methodology | 6 | 2 | 0 | 8 | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| LLM 302-B | Juvenile Delinquency | 6 | 2 | 0 | 8 | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| LLM 303-B | Collective Violence & Criminal Justice System | 6 | 2 | 0 | 8 | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| | Total | 18 | 06 | 0 | 24 | 300 | - | - | - | 300 | - | - | - | - | 300 |

The duration of theory exam is 3 Hrs

## Dr. Preeti Global University, Shivpuri (M.P)

# Scheme of Examination

Department of Law

Faculty of Law

Scheme of Course : MASTER OF LAW (L.L.M.) Course Code : LLM GROUP B - Criminal Law SEMESTER – IV

| Paper / Subject Code | Title of the Paper / Subject | Credit Allotted | | | Total Credit | Distribution of Marks | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Theory | | | | | Practical | | | | Grand Total (G= C+F) |
| | | | | | | End Sem. | | Sessional | | Total (C= A+B) | End Sem. | | Internal | Total (F=D+E) | |
| | | L | T | P | | Max (A) | Min | Max (B) | Min | | Max (D) | Min | LW (E) | | |
| LLM401 | Dissertation | - | - | - | - | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| LLM 402 | Viva-Voce | - | - | - | - | 100 | 36 | - | - | 100 | - | - | - | - | 100 |
| | Total | - | - | - | - | 200 | - | - | - | 200 | - | - | - | - | 200 |

The duration of theory exam is 3 Hrs

# Dr. Preeti Global University, Shivpuri (M.P)

## (Scheme of Examination)
## Bachelor of Library and Information Science (B.Lib.I.Sc.)

(As per Choice Based Credit System w.e.f. the academic year 2022)

**(M.Lib.I.Sc. Semester I & II)**

In Semester I, there will be 5 core papers (3 theory papers and 2 practical) and in Semester II there will be 3 core paper (2 theory papers and 1 practical) and 1 discipline specific paper. Each Student will opt for at least one foundation course (minimum 2 credits) in II Semester from the pool of foundation courses. One open elective course (minimum 3 credits) in Semester II would be chosen by the student from the pool of papers (excluding the open elective prepared by the same department). Discipline specific courses will be floated according to the administrative and academic convenience of the department.

| Sem | Course Code | Title of Course | Course Type | L-T-P | Marks | | | Duration | Credits |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Internal Assessment | Exam. Marks | Total Marks | | |
| I[st] | 16LIS21C1 | Foundations of Library and Information Science | C | 4-0-0 | 20 | 80 | 100 | 3 Hrs | 4 |
| | 16LIS21C2 | Knowledge Organization: Classification Theory | C | 4-0-0 | 20 | 80 | 100 | 3 Hrs | 4 |
| | 16LIS21C3 | Knowledge Organization: Classification Practice | C | 0-0-8 | 00 | 100 | 100 | 3 Hrs | 4 |
| | 16LIS21C4 | Information Communication Technologies (ICTs) Basics: Theory | C | 4-0-0 | 20 | 80 | 100 | 3 Hrs | 4 |
| | 16LIS21C5 | Information Communication Technologies (ICTs) Basics: Practice | C | 0-0-8 | 00 | 100 | 100 | 3 Hrs | 4 |
| Credits | | C=20 | | | | | Total Credit: 20 | | |
| II[nd] | 16LIS22C1 | Knowledge Organization: Cataloguing Theory | C | 4-0-0 | 20 | 80 | 100 | 3 Hrs | 4 |
| | 16LIS22C2 | Knowledge Organization: Cataloguing Practice | C | 0-0-8 | 00 | 100 | 100 | 3 Hrs | 4 |
| | 16LIS22C3 | Information Sources and Services | C | 4-0-0 | 20 | 80 | 100 | 3 Hrs | 4 |
| | 16LIS22C4 | Management of Libraries and Information Centres | C | 4-0-0 | 20 | 80 | 100 | 3 Hrs | 4 |
| | Choose any one from the following three papers | | | | | | | | |
| | 16LIS22DA1 | Library Operations | D | 3-1-0 | 20 | 80 | 100 | 3 Hrs | 4 |
| | 16LIS22DA2 | Book Publishing | | | 20 | 80 | 100 | 3 Hrs | |
| | 16LIS22DA3 | Information Systems and Networks | | | 20 | 80 | 100 | 3 Hrs | |
| Credits | | C=16; D=4; O=3; F=2 | | | | | Total Credit: 25 | | |

**Note**:

i. All candidates who have passed the 1[st] and 2[nd] semester examination of M.Lib.I.Sc. (2-year Integrated) course shall be awarded Bachelor of Library and Information Science (B.Lib.I.Sc.) Degree. In case the candidate exits the course after 2[nd] Semester, he/she shall be eligible for admission to M.Lib.I.Sc. 3[rd] Semester under lateral entry scheme subject to availability of seats as per university rules.

ii. The practical examination will be conducted by external examiner and the question paper will be set by him/her in association with internal examiner.

MASTER DEGREE IN LIBRARY AND INFORMATION SCIENCE(M.LIB.I.SC) PROGRAMME 2022-23

## Annexure I
## Course structure of the Master Degree in Library and Information Science (M.LIB.I.Sc),

| INTEGRATED M.Lib.I.Sc. | | | | | | | |
|---|---|---|---|---|---|---|---|
| SEM | COURSE CODE | COURSE TITLE | CREDIT | COURSE TYPE | MARKS DISTRIBUTION | | |
| | | | | | Semester Examination | Internal Assessment | Total Marks |
| I | MLIS-C-101 | Library, Information and Society (Theory) | 4 | Core | 60 | 40 | 100 |
| | MLIS-C-102 | Organization of Knowledge: Classification & Cataloguing (Theory) | 4 | Core | 60 | 40 | 100 |
| | MLIS-C-103 | Reference and Information Sources and Services (Theory) | 4 | Core | 60 | 40 | 100 |
| | MLIS-DSE -104 | Fundamentals of Information Technology (Theory) | 4 | DSE | 60 | 40 | 100 |
| | MLIS-AEC-105 | Information Literacy (Theory) | 2 | AEC | 30 | 20 | 50 |
| II | MLIS-C-201 | Digital Library and E-Resource Management (Theory) | 4 | Core | 60 | 40 | 100 |
| | MLIS-C-202 | Organization of Knowledge: Classification Practice | 4 | Core | 60 | 40 | 100 |
| | MLIS-C -203 | Organization Of Knowledge: Cataloguing Practice | 4 | Core | 60 | 40 | 100 |
| | MLIS-DSE-204 | Documentation Project, Job Diary and Field Visit | 4 | DSE | 60 | 40 | 100 |
| | MLIS-GE-205 | Advanced Research Methodology (Theory) | 4 | GE | 60 | 40 | 100 |
| III | MLIS-C-301 | Information & Communication System (Theory) | 4 | Core | 60 | 40 | 100 |
| | MLIS-C-302 | ICT in Library and Information Centres (Theory) | 4 | Core | 60 | 40 | 100 |
| | MLIS-C-303 | Research Methodology (Theory) | 4 | Core | 60 | 40 | 100 |
| | MLIS-DSE-304 | i. Public Library System (Theory)<br>ii. Special Library System (Theory) | 4 | DSE | 60 | 40 | 100 |
| | MLIS-GE-305 | IPR, Research Ethics and Publication Ethics (Theory) | 4 | GE | 60 | 40 | 100 |
| | MLIS-AECC-306 | Computer Applications (SOUL; KOHA Practice) | 2 | AECC | 30 | 20 | 50 |
| IV | MLIS-C-401 | Management of Library and Information Centres (Theory) | 4 | Core | 60 | 40 | 100 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | MLIS-C-402 | Information Retrieval Systems (Theory) | 4 | Core | 60 | 40 | 100 |
| | MLIS-C -403 | Guided Research Project And Library Software Practice (IR tools/software) | 4 | Core | 60 | 40 | 100 |
| | MLIS-DSE-404 | Preservation and Conservation of Library Document (Theory) | 4 | DSE | 60 | 40 | 100 |
| | | Grand Total | 76 | | 1140 | 760 | 1900 |

# Dr. Preeti Global University, Shivpuri (M.P)




# Faculty of Pharmacy

# Syllabus for the Bachelor of Pharmacy

# (B. Pharm) Course

# Choice Based Credit system

[Framed as per Pharmacy Council of India Draft under section 6, 7 &; 8 of the Bachelor of Pharmacy (B.Pharm) course regulations 2014.]

## 1. Preamble

Dr. APJ Abdul Kalam University has decided to implement choice based credit system (CBCS) system for all UG programmes from the academic year 2016-17. Accordingly University has introduced CGPA system to the First year of degree programme in Pharmacy from the academic year 2016-17. Subsequently CGPA system will be introduced to Second year, Third year & Fourth year of degree programmes in 2017-18, 2018-19 & 2019-20 respectively.

## 2. Minimum qualification for admission

### 2.1 First year B. Pharm:

2.1.1.Candidate shall have passed 10+2 examination conducted by the respective state/central government authorities recognized as equivalent to 10+2 examination by the Association of Indian Universities (AIU) with English as one of the subjects and Physics, Chemistry, Mathematics (P.C.M) and or Biology (P.C.B / P.C.M.B.) as optional subjects individually. Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

2.1.2. Provided that a student should have completed 17 years of age on the date of admission or should complete the age of 17 years on or before 31$^{st}$ December of the year of admission to the program.

### 2.2. B. Pharm lateral entry (to third semester):

A pass in D. Pharm. course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.

## 3. Duration of the program

The course of study for B.Pharm. shall extend over a period of eight semesters (four academic years) and six semesters (three academic years) for lateral entry students.

## 4. Medium of instruction and examinations

Medium of instruction and examination shall be in English.

## 5. Working days in each semester

Each semester shall consist of not less than 100 working days (including Exam). The odd semesters shall be conducted from the month of June/July to November/December and the even semesters shall be conducted from December/January to May/June in every calendar year.

## 6. Attendance and progress

A candidate is required to put in at least 80% attendance in individual courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations.

## 7. Program/Course credit structure

As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, tutorial hours, practical classes, etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is dependent upon the number of hours of instruction per week in that course. Similarly, the credit associated with any of the other academic, co/extra-curricular activities is dependent upon the quantum of work expected to be put in for each of these activities per week.

### 7.1. Credit assignment

#### 7.1.1. Theory and Laboratory courses

Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and /or tutorial (T) hours, and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and tutorial hours, and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having three lectures and one tutorial per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.

### 7.2. Minimum credit requirements

The minimum credit points required for award of a B. Pharm. degree is 208. These credits are divided into Theory courses, Tutorials, Practical, Practice School and Projectover the duration of eight semesters. The credits are distributed semester-wise as shown in Table IX. Courses generally progress in sequences, building competencies and their positioning indicates certain academic maturity on the part of the learners. Learners are expected to follow the semester-wise schedule of courses given in the syllabus.

The lateral entry students shall get 52 credit points transferred from their D. Pharm program. Such students shall take up additional remedial courses of 'Communication Skills' (Theory and Practical) and 'Computer Applications in Pharmacy' (Theory and Practical) equivalent to 3 and 4 credit points respectively, a total of 7 credit points to attain 59 credit points, the maximum of I and II semesters.

## 8. Academic work

A regular record of attendance both in Theory and Practical shall be maintained by the teaching staff of respective courses.

**9. Course of study**

The course of study for B. Pharm shall include Semester Wise Theory & Practical as given in Table – I to VIII. The number of hours to be devoted to each theory, tutorial and practical course in any semester shall not be less than that shown in Table – I to VIII.

**Table-I: Course of study for semester I**

| Course code | Name of the course | No. of hours | Tutorial | Credit points |
|---|---|---|---|---|
| BP101T | Human Anatomy and Physiology I– Theory | 3 | 1 | 4 |
| BP102T | Pharmaceutical Analysis I – Theory | 3 | 1 | 4 |
| BP103T | Pharmaceutics I – Theory | 3 | 1 | 4 |
| BP104T | Pharmaceutical Inorganic Chemistry – Theory | 3 | 1 | 4 |
| BP105T | Communication skills – Theory * | 2 | - | 2 |
| BP106RBT BP106RMT | Remedial Biology/ Remedial Mathematics – Theory* | 2 | - | 2 |
| BP107P | Human Anatomy and Physiology – Practical | 4 | - | 2 |
| BP108P | Pharmaceutical Analysis I – Practical | 4 | - | 2 |
| BP109P | Pharmaceutics I – Practical | 4 | - | 2 |
| BP110P | Pharmaceutical Inorganic Chemistry – Practical | 4 | - | 2 |
| BP111P | Communication skills – Practical* | 2 | - | 1 |
| BP112RBP | Remedial Biology – Practical* | 2 | - | 1 |
| | **Total** | **32/34$^{\$}$/36$^{\#}$** | **4** | **27/29$^{\$}$/30$^{\#}$** |

$^{\#}$Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

$^{\$}$Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

* Non University Examination (NUE)

**Table-II: Course of study for semester II**

| Course Code | Name of the course | No. of hours | Tutorial | Credit points |
|---|---|---|---|---|
| BP201T | Human Anatomy and Physiology II– Theory | 3 | 1 | 4 |
| BP202T | Pharmaceutical Organic Chemistry I– Theory | 3 | 1 | 4 |
| BP203T | Biochemistry – Theory | 3 | 1 | 4 |
| BP204T | Pathophysiology– Theory | 3 | 1 | 4 |
| BP205T | Computer Applications in Pharmacy– Theory * | 3 | - | 3 |
| BP206T | Environmental sciences – Theory * | 3 | - | 3 |
| BP207P | Human Anatomy and Physiology II –Practical | 4 | - | 2 |
| BP208P | Pharmaceutical Organic Chemistry I– Practical | 4 | - | 2 |
| BP209P | Biochemistry – Practical | 4 | - | 2 |
| BP210P | Computer Applications in Pharmacy – Practical* | 2 | - | 1 |
| | **Total** | **32** | **4** | **29** |

*Non University Examination (NUE)

**Table-III: Course of study for semester III**

| Course code | Name of the course | No. of hours | Tutorial | Credit points |
|---|---|---|---|---|
| BP301T | Pharmaceutical Organic Chemistry II– Theory | 3 | 1 | 4 |
| BP302T | Physical Pharmaceutics I – Theory | 3 | 1 | 4 |
| BP303T | Pharmaceutical Microbiology– Theory | 3 | 1 | 4 |
| BP304T | Pharmaceutical Engineering – Theory | 3 | 1 | 4 |
| BP305P | Pharmaceutical Organic Chemistry II – Practical | 4 | - | 2 |
| BP306P | Physical Pharmaceutics I – Practical | 4 | - | 2 |
| BP307P | Pharmaceutical Microbiology – Practical | 4 | - | 2 |
| BP 308P | Pharmaceutical Engineering –Practical | 4 | - | 2 |
| | **Total** | **28** | **4** | **24** |

**Table-IV: Course of study for semester IV**

| Course code | Name of the course | No. of hours | Tutorial | Credit points |
|---|---|---|---|---|
| BP401T | Pharmaceutical Organic Chemistry III– Theory | 3 | 1 | 4 |
| BP402T | Medicinal Chemistry I – Theory | 3 | 1 | 4 |
| BP403T | Physical Pharmaceutics II – Theory | 3 | 1 | 4 |
| BP404T | Pharmacology I– Theory | 3 | 1 | 4 |
| BP405T | Pharmacognosy and Phytochemistry I– Theory | 3 | 1 | 4 |
| BP406P | Medicinal Chemistry I – Practical | 4 | - | 2 |
| BP407P | Physical Pharmaceutics II – Practical | 4 | | 2 |
| BP408P | Pharmacology I – Practical | 4 | - | 2 |
| BP409P | Pharmacognosy and Phytochemistry I – Practical | 4 | - | 2 |
| | **Total** | **31** | **5** | **28** |

**Table-V: Course of study for semester V**

| Course code | Name of the course | No. of hours | Tutorial | Credit points |
|---|---|---|---|---|
| BP501T | Medicinal Chemistry II– Theory | 3 | 1 | 4 |
| BP502T | Industrial PharmacyI– Theory | 3 | 1 | 4 |
| BP503T | Pharmacology II – Theory | 3 | 1 | 4 |
| BP504T | Pharmacognosy and Phytochemistry II– Theory | 3 | 1 | 4 |
| BP505T | Pharmaceutical Jurisprudence – Theory | 3 | 1 | 4 |
| BP506P | Industrial PharmacyI – Practical | 4 | - | 2 |
| BP507P | Pharmacology II – Practical | 4 | - | 2 |
| BP508P | Pharmacognosy and Phytochemistry II – Practical | 4 | - | 2 |
| | **Total** | **27** | **5** | **26** |

**Table-VI: Course of study for semester VI**

| Course code | Name of the course | No. of hours | Tutorial | Credit points |
|---|---|---|---|---|
| BP601T | Medicinal Chemistry III – Theory | 3 | 1 | 4 |
| BP602T | Pharmacology III – Theory | 3 | 1 | 4 |
| BP603T | Herbal Drug Technology – Theory | 3 | 1 | 4 |
| BP604T | Biopharmaceutics and Pharmacokinetics – Theory | 3 | 1 | 4 |
| BP605T | Pharmaceutical Biotechnology – Theory | 3 | 1 | 4 |
| BP606T | Quality Assurance –Theory | 3 | 1 | 4 |
| BP607P | Medicinal chemistry III – Practical | 4 | - | 2 |
| BP608P | Pharmacology III – Practical | 4 | - | 2 |
| BP609P | Herbal Drug Technology – Practical | 4 | - | 2 |
| | **Total** | **30** | **6** | **30** |

**Table-VII: Course of study for semester VII**

| Course code | Name of the course | No. of hours | Tutorial | Credit points |
|---|---|---|---|---|
| BP701T | Instrumental Methods of Analysis – Theory | 3 | 1 | 4 |
| BP702T | Industrial PharmacyII – Theory | 3 | 1 | 4 |
| BP703T | Pharmacy Practice – Theory | 3 | 1 | 4 |
| BP704T | Novel Drug Delivery System – Theory | 3 | 1 | 4 |
| BP705P | Instrumental Methods of Analysis – Practical | 4 | - | 2 |
| BP706PS | Practice School* | 12 | - | 6 |
| | **Total** | **28** | **5** | **24** |

* Non University Examination (NUE)

**Table-VIII: Course of study for semester VIII**

| Course code | Name of the course | No. of hours | Tutorial | Credit points |
|---|---|---|---|---|
| BP801T | Biostatistics and Research Methodology | 3 | 1 | 4 |
| BP802T | Social and Preventive Pharmacy | 3 | 1 | 4 |
| BP803ET | Pharma Marketing Management | 3 + 3 = 6 | 1 + 1 = 2 | 4 + 4 = 8 |
| BP804ET | Pharmaceutical Regulatory Science | | | |
| BP805ET | Pharmacovigilance | | | |
| BP806ET | Quality Control and Standardization of Herbals | | | |
| BP807ET | Computer Aided Drug Design | | | |
| BP808ET | Cell and Molecular Biology | | | |
| BP809ET | Cosmetic Science | | | |
| BP810ET | Experimental Pharmacology | | | |
| BP811ET | Advanced Instrumentation Techniques | | | |
| BP812ET | Dietary Supplements and Nutraceuticals | | | |
| BP813PW | Project Work | 12 | - | 6 |
| | **Total** | **24** | **4** | **22** |

**Table-IX: Semester wise credits distribution**

| Semester | Credit Points |
|---|---|
| I | **27/29$/30#** |
| II | 29 |
| III | 26 |
| IV | 28 |
| V | 26 |
| VI | 26 |
| VII | 24 |
| VIII | 22 |
| Extracurricular/ Co curricular activities | 01* |
| **Total credit points for the program** | **209/211$/212#** |

* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

$Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course.

#Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course.

## 10. Program Committee

1. The B. Pharm. program shall have a Program Committee constituted by the Head of the institution in consultation with all the Heads of the departments.

2. The composition of the Program Committee shall be as follows:

   A senior teacher shall be the Chairperson; One Teacher from each department handling B.Pharm courses; and four student representatives of the program (one from each academic year), nominated by the Head of the institution.

3. Duties of the Program Committee:

   i. Periodically reviewing the progress of the classes.
   ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
   iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.
   iv. Communicating its recommendation to the Head of the institution on academic matters.
   v. The Program Committee shall meet at least thrice in a semester preferably at the end of each Sessionalexam (Internal Assessment) and before the end semester exam.

## 11. Examinations/Assessments

The scheme for internal assessment and end semester examinations is given in Table – X.

### 11.1. End semester examinations

The End Semester Examinations for each theory and practical coursethrough semesters I to VIII shall beconducted by the university except for the subjects with asterix symbol (*) in table I and II for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

## Tables-X: Schemes for internal assessments and end semester examinations semester wise

### Semester I

| Course code | Name of the course | Internal Assessment | | | | End Semester Exams | | Total Marks |
|---|---|---|---|---|---|---|---|---|
| | | Continuous Mode | Sessional Exams | | Total | Marks | Duration | |
| | | | Marks | Duration | | | | |
| BP101T | Human Anatomy and Physiology I– Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP102T | Pharmaceutical Analysis I – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP103T | Pharmaceutics I – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP104T | Pharmaceutical Inorganic Chemistry – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP105T | Communication skills – Theory * | 5 | 10 | 1 Hr | 15 | 35 | 1.5 Hrs | 50 |
| BP106RBT BP106RMT | Remedial Biology/ Mathematics – Theory* | 5 | 10 | 1 Hr | 15 | 35 | 1.5 Hrs | 50 |
| BP107P | Human Anatomy and Physiology – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP108P | Pharmaceutical Analysis I – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP109P | Pharmaceutics I – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP110P | Pharmaceutical Inorganic Chemistry – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP111P | Communication skills – Practical* | 5 | 5 | 2 Hrs | 10 | 15 | 2 Hrs | 25 |
| BP112RBP | Remedial Biology – Practical* | 5 | 5 | 2 Hrs | 10 | 15 | 2 Hrs | 25 |
| | **Total** | **70/75$^{\$}$/80$^{\#}$** | **115/125$^{\$}$/130$^{\#}$** | **23/24$^{\$}$/26$^{\#}$ Hrs** | **185/200$^{\$}$/210$^{\#}$** | **490/525$^{\$}$/ 540$^{\#}$** | **31.5/33$^{\$}$/ 35$^{\#}$ Hrs** | **675/725$^{\$}$/ 750$^{\#}$** |

$^{\#}$Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

$^{\$}$Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

* Non University Examination (NUE)

**Semester II**

| Course code | Name of the course | Internal Assessment | | | | End Semester Exams | | Total Marks |
|---|---|---|---|---|---|---|---|---|
| | | Continuous Mode | Sessional Exams | | Total | Marks | Duration | |
| | | | Marks | Duration | | | | |
| BP201T | Human Anatomy and Physiology II – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP202T | Pharmaceutical Organic Chemistry I – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP203T | Biochemistry – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP204T | Pathophysiology – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP205T | Computer Applications in Pharmacy – Theory* | 10 | 15 | 1 Hr | 25 | 50 | 2 Hrs | 75 |
| BP206T | Environmental sciences – Theory* | 10 | 15 | 1 Hr | 25 | 50 | 2 Hrs | 75 |
| BP207P | Human Anatomy and Physiology II –Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP208P | Pharmaceutical Organic Chemistry I– Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP209P | Biochemistry – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP210P | Computer Applications in Pharmacy – Practical* | 5 | 5 | 2 Hrs | 10 | 15 | 2 Hrs | 25 |
| | **Total** | **80** | **125** | **20 Hrs** | **205** | **520** | **30 Hrs** | **725** |

* The subject experts at college level shall conduct examinations

**Semester III**

| Course code | Name of the course | Internal Assessment | | | | End Semester Exams | | Total Marks |
|---|---|---|---|---|---|---|---|---|
| | | Continuous Mode | Sessional Exams | | Total | Marks | Duration | |
| | | | Marks | Duration | | | | |
| BP301T | Pharmaceutical Organic Chemistry II – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP302T | PhysicalPharmaceuticsI –Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP303T | Pharmaceutical Microbiology – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP304T | Pharmaceutical Engineering – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP305P | Pharmaceutical Organic Chemistry II – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hrs | 50 |
| BP306P | Physical Pharmaceutics I – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hrs | 50 |
| BP307P | Pharmaceutical Microbiology – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hrs | 50 |
| BP308P | Pharmaceutical Engineering – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hrs | 50 |
| **Total** | | **60** | **100** | **20** | **160** | **440** | **28Hrs** | **600** |

**Semester IV**

| Course code | Name of the course | Internal Assessment | | | | End Semester Exams | | Total Marks |
|---|---|---|---|---|---|---|---|---|
| | | Continuous Mode | Sessional Exams | | Total | Marks | Duration | |
| | | | Marks | Duration | | | | |
| BP401T | Pharmaceutical Organic Chemistry III– Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP402T | Medicinal Chemistry I – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP403T | Physical Pharmaceutics II – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP404T | Pharmacology I – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP405T | Pharmacognosy I – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP406P | Medicinal Chemistry I – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hrs | 50 |
| BP407P | Physical Pharmaceutics II – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP408P | Pharmacology I – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP409P | Pharmacognosy I – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| **Total** | | **70** | **115** | **21 Hrs** | **185** | **515** | **31 Hrs** | **700** |

**Semester V**

| Course code | Name of the course | Internal Assessment | | | | End Semester Exams | | Total Marks |
|---|---|---|---|---|---|---|---|---|
| | | Continuous Mode | Sessional Exams | | Total | Marks | Duration | |
| | | | Marks | Duration | | | | |
| BP501T | Medicinal Chemistry II – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP502T | Industrial PharmacyI– Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP503T | Pharmacology II – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP504T | Pharmacognosy II – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP505T | Pharmaceutical Jurisprudence – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP506P | Industrial PharmacyI– Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hrs | 50 |
| BP507P | Pharmacology II – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hrs | 50 |
| BP508P | Pharmacognosy II – Practical | 5 | 10 | 4 Hr | 15 | 35 | 4 Hrs | 50 |
| **Total** | | **65** | **105** | **17 Hr** | **170** | **480** | **27 Hrs** | **650** |

**Semester VI**

| Course code | Name of the course | Internal Assessment | | | | End Semester Exams | | Total Marks |
|---|---|---|---|---|---|---|---|---|
| | | Continuous Mode | Sessional Exams | | Total | Marks | Duration | |
| | | | Marks | Duration | | | | |
| BP601T | Medicinal Chemistry III – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP602T | Pharmacology III – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP603T | Herbal Drug Technology – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP604T | Biopharmaceutics and Pharmacokinetics – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP605T | Pharmaceutical Biotechnology– Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP606T | Quality Assurance– Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP607P | Medicinal chemistry III – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP608P | Pharmacology III – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP609P | Herbal Drug Technology – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| **Total** | | **75** | **120** | **18 Hrs** | **195** | **555** | **30 Hrs** | **750** |

**Semester VII**

| Course code | Name of the course | Internal Assessment | | | | End Semester Exams | | Total Marks |
|---|---|---|---|---|---|---|---|---|
| | | Continuous Mode | Sessional Exams | | Total | Marks | Duration | |
| | | | Marks | Duration | | | | |
| BP701T | Instrumental Methods of Analysis – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP702T | Industrial Pharmacy – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP703T | Pharmacy Practice – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP704T | Novel Drug Delivery System – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP705 P | Instrumental Methods of Analysis – Practical | 5 | 10 | 4 Hrs | 15 | 35 | 4 Hrs | 50 |
| BP706 PS | Practice School* | 25 | - | - | 25 | 125 | 5 Hrs | 150 |
| | **Total** | **70** | **70** | **8Hrs** | **140** | **460** | **21 Hrs** | **600** |

* The subject experts at college level shall conduct examinations

**Semester VIII**

| Course code | Name of the course | Internal Assessment | | | | End Semester Exams | | Total Marks |
|---|---|---|---|---|---|---|---|---|
| | | Continuous Mode | Sessional Exams | | Total | Marks | Duration | |
| | | | Marks | Duration | | | | |
| BP801T | Biostatistics and Research Methodology – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP802T | Social and Preventive Pharmacy – Theory | 10 | 15 | 1 Hr | 25 | 75 | 3 Hrs | 100 |
| BP803ET | Pharmaceutical Marketing – Theory | 10 + 10 = 20 | 15 + 15 = 30 | 1 + 1 = 2 Hrs | 25 + 25 = 50 | 75 + 75 = 150 | 3 + 3 = 6 Hrs | 100 + 100 = 200 |
| BP804ET | Pharmaceutical Regulatory Science – Theory | | | | | | | |
| BP805ET | Pharmacovigilance – Theory | | | | | | | |
| BP806ET | Quality Control and Standardization of Herbals – Theory | | | | | | | |
| BP807ET | Computer Aided Drug Design – Theory | | | | | | | |
| BP808ET | Cell and Molecular Biology – Theory | | | | | | | |
| BP809ET | Cosmetic Science – Theory | | | | | | | |
| BP810ET | Experimental Pharmacology – Theory | | | | | | | |
| BP811ET | Advanced Instrumentation Techniques – Theory | | | | | | | |
| BP812PW | Project Work | - | - | - | - | 150 | 4 Hrs | 150 |
| | **Total** | **40** | **60** | **4 Hrs** | **100** | **450** | **16 Hrs** | **550** |

### 11.2. Internal assessment: Continuous mode

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

**Table-XI:Scheme for awarding internal assessment: Continuous mode**

| **Theory** | | |
|---|---|---|
| **Criteria** | **Maximum Marks** | |
| Attendance (Refer Table – XII) | 4 | 2 |
| Academic activities (Average of any 3 activities e.g. quiz, assignment, open book test, field work, group discussion and seminar) | 3 | 1.5 |
| Student – Teacher interaction | 3 | 1.5 |
| **Total** | **10** | **5** |
| **Practical** | | |
| Attendance (Refer Table – XII) | 2 | |
| Based on Practical Records, Regular viva voce, etc. | 3 | |
| **Total** | **5** | |

**Table- XII: Guidelines for the allotment of marks for attendance**

| **Percentage of Attendance** | **Theory** | **Practical** |
|---|---|---|
| 95 – 100 | 4 | 2 |
| 90 – 94 | 3 | 1.5 |
| 85 – 89 | 2 | 1 |
| 80 – 84 | 1 | 0.5 |
| Less than 80 | 0 | 0 |

### 11.2.1. Sessional Exams

Two Sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). The scheme of question paper for theory and practical Sessional examinations is given below. The average marks of two Sessional exams shall be computed for internal assessment as per the requirements given in tables– X.

Sessional exam shall be conducted for 30 marks for theory and shall be computed for 15 marks. Similarly Sessional exam for practical shall be conducted for 40 marks and shall be computed for 10 marks.

**Question paper pattern for theory Sessional examinations**

**For subjects having University examination**

I. Multiple Choice Questions (MCQs) = 10 x 1 = 10

OR

Objective Type Questions (5 x 2) = 05 x 2 = 10

(Answer all the questions)

I. Long Answers (Answer 1 out of 2) = 1 x 10 = 10

II. Short Answers (Answer 2 out of 3) = 2 x 5 = 10

Total = 30 marks

**For subjects having Non University Examination**

| | | |
|---|---|---|
| I. Long Answers (Answer 1 out of 2) | = | 1 x 10 = 10 |
| II. Short Answers (Answer 4 out of 6) | = | 4 x 5 = 20 |
| Total | = | 30 marks |

**Question paper pattern for practical sessional examinations**

| | | |
|---|---|---|
| I. Synopsis | = | 10 |
| II. Experiments | = | 25 |
| III. Viva voce | = | 05 |
| Total | = | 40 marks |

**12. Promotion and award of grades**

A student shall be declared PASSand eligible for getting gradein a course of B.Pharm.program if he/she secures at least 50% marks in that particular course including internal assessment.For example, to be declared as PASS and to get grade, the student has to secure a minimum of 50 marks for the total of 100 including continuous mode of assessment and end semester theory examination and has to secure a minimum of 25 marks for the total 50 including internal assessment and end semester practical examination.

**13. Carry forward of marks**

In case a studentfails to secure the minimum 50% in any Theory or Practical course as specified in 12,then he/she shall reappear for the end semester examinationof that course. However his/her marks of the Internal Assessmentshallbe carried overand he/she shall be entitled for grade obtained by him/her on passing.

**14. Improvement of internal assessment**

A studentshall have the opportunity to improvehis/her performance only oncein the Sessional exam component of the internal assessment. The re-conduct of the Sessional exam shall be completed before the commencement of next end semester theory examinations.

**15. Re-examination of end semester examinations**

Reexamination ofend semester examinationshall be conducted as per the schedule given in table XIII. The exact dates of examinations shall be notified from time to time.

**Table-XIII: Tentative schedule of end semester examinations**

| Semester | For Regular Candidates | For Failed Candidates |
|---|---|---|
| I, III, V and VII | November / December | May / June |
| II, IV, VI and VIII | May / June | November / December |

**Question paper pattern for end semester theory examinations**

**For 75 marks paper**

I. Multiple Choice Questions(MCQs) = 20 x 1 = 20
OR OR
Objective Type Questions (10 x 2) = 10 x 2 = 20
(Answer all the questions)
II. Long Answers (Answer 2 out of 3) = 2 x 10 = 20
III. Short Answers (Answer 7 out of 9) = 7 x 5 = 35

Total = 75 marks

**For 50 marks paper**

I. Long Answers (Answer 2 out of 3) = 2 x 10 = 20
II. Short Answers (Answer 6 out of 8) = 6 x 5 = 30

Total = 50 marks

**For 35 marks paper**

I. Long Answers (Answer 1 out of 2) = 1 x 10 = 10
II. Short Answers (Answer 5 out of 7) = 5 x 5 = 25

Total = 35 marks

**Question paper pattern for end semester practical examinations**

I. Synopsis = 5
II. Experiments = 25
III. Viva voce = 5

Total = 35 marks

**16. Academic Progression:**

No student shall be admitted to any examination unless he/she fulfills the norms given in 6. Academic progression rules are applicable as follows:

A student shall be eligible to carry forward all the courses of I, II and III semesters till the IV semester examinations. However, he/she shall not be eligible to attend the courses of V semester until all the courses of I and II semesters are successfully completed.

A student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of I, II, III and IV semesters are successfully completed.

A student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of I, II, III, IV, V and VI semesters are successfully completed.

A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to VIII semesters within the stipulated time period as per the norms specified in 26.

A lateral entry student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of III and IV semesters are successfully completed.

A lateral entry student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of III, IV, V and VI semesters are successfully completed.

A lateral entry student shall be eligible to get his/her CGPA upon successful completion of the courses of III to VIII semesters within the stipulated time period as per the norms specified in 26.

Any student who hasgiven more than 4 chances for successful completion of I / III semester courses and more than 3 chances for successful completion of II / IV semester courses shall be permitted to attend V / VII semester classes ONLY during the subsequent academic year as the case may be. In simpler terms there shall NOT be any ODD BATCH for any semester.

Note: Grade ABshould be considered as failed and treated as one head for deciding academic progression. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.

**17. Grading of performances**

**17.1. Letter grades and grade points allocations:**

Based on the performances, each student shall be awarded a final letter grade at the end of the semester for each course.The letter grades and their corresponding grade points are given in Table – XII.

**Table – XII: Letter grades and grade points equivalent to Percentage of marks and performances**

| Percentage of Marks Obtained | Letter Grade | Grade Point | Performance |
|---|---|---|---|
| 90.00 – 100 | O | 10 | Outstanding |
| 80.00 – 89.99 | A | 9 | Excellent |
| 70.00 – 79.99 | B | 8 | Good |
| 60.00 – 69.99 | C | 7 | Fair |
| 50.00 – 59.99 | D | 6 | Average |
| Less than 50 | F | 0 | Fail |
| Absent | AB | 0 | Fail |

A learner who remains absent for any end semester examination shall be assigned a letter grade of ABand a corresponding grade point of zero. He/she should reappear for the said evaluation/examination in due course.

**18. The Semester grade point average (SGPA)**

The performance of a student in a semester is indicated bya number called 'Semester Grade Point Average' (SGPA). The SGPA is the weighted average of the grade points obtainedin all the courses by the student during the semester. For example, if a student takes five courses(Theory/Practical) in a semester with credits C1, C2, C3, C4 and C5 and the student's grade pointsin these courses are G1, G2, G3, G4 and G5, respectively, and then students' SGPA is equal to:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4 + C_5G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

The SGPA is calculated to two decimal points.It should be noted that, the SGPA for any semester shall take into consideration the F and ABSgrade awarded in that semester. For example if a learner has a F or ABS grade in course 4, theSGPA shall then be computed as:

$$SGPA = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4 * ZERO + C_5G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

**19. Cumulative Grade Point Average (CGPA)**

The CGPA is calculated with the SGPA of all the VIII semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all VIII semesters and their courses. The CGPA shall reflect the failed statusin case of F grade(s),till the course(s) is/are passed. When the course(s)is/are passedby obtaining a pass grade on subsequent examination(s) theCGPA shall only reflect the new grade and not the fail grades earned earlier.The CGPA is calculated as:

$$CGPA = \frac{C_1S_1 + C_2S_2 + C_3S_3 + C_4S_4 + C_5S_5 + C_6S_6 + C_7S_7 + C_8S_8}{C_1 + C_2 + C_3 + C_4 + C_5 + C_6 + C_7 + C_8}$$

where $C_1, C_2, C_3, \ldots$ is the total number of credits for semester I,II,III,…. and $S_1, S_2, S_3, \ldots$ is the SGPA of semester I,II,III,…. .

**20. Declaration of class**

The class shall be awarded on the basis of CGPA as follows:

| | |
|---|---|
| First Class with Distinction | = CGPA of. 7.50 and above |
| First Class | = CGPA of 6.00 to 7.49 |
| Second Class | = CGPA of 5.00 to 5.99 |

**21. Project work**

All the students shall undertake a projectunder the supervision of a teacher and submit a report. The area of the project shall directly relate any one of the elective subject opted by the student in semester VIII. The project shall be carried out in group not exceeding 5 in number. The project report shall be submitted in triplicate (typed & bound copy not less than 25 pages).

The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of five students). The projects shall be evaluated as per the criteria given below.

***Evaluation of Dissertation Book:***

| | |
|---|---|
| Objective(s) of the work done | 15 Marks |
| Methodology adopted | 20 Marks |
| Results and Discussions | 20 Marks |
| Conclusions and Outcomes | 20 Marks |
| **Total** | **75 Marks** |

***Evaluation of Presentation:***

| | |
|---|---|
| Presentation of work | 25 Marks |
| Communication skills | 20 Marks |
| Question and answer skills | 30 Marks |
| **Total** | **75 Marks** |

*Explanation*: The 75 marks assigned to the dissertation book shall be same for all the students in a group. However, the 75 marks assigned for presentation shall be awarded based on the performance of individual students in the given criteria.

**22. Industrial training (Desirable)**

Every candidate shall be required to work for at least 150 hours spread over four weeks in a Pharmaceutical Industry/Hospital. It includes Production unit, Quality Control department, Quality Assurance department, Analytical laboratory, Chemical manufacturing unit, Pharmaceutical R&D, Hospital (Clinical Pharmacy), Clinical Research Organization, Community Pharmacy, etc. After the Semester – VI and before the commencement of Semester – VII, and shall submit satisfactory report of such work and certificate duly signed by the authority of training organization to the head of the institute.

**23. Practice School**

In the VII semester, every candidate shall undergo practice school for a period of 150 hours evenly distributed throughout the semester. The student shall opt any one of the domains for practice school declared by the program committee from time to time.

At the end of the practice school, every student shall submit a printed report (in triplicate) on the practice school he/she attended (not more than 25 pages). Along with the exams of semester VII, the report submitted by the student, knowledge and skills acquired by the student through practice school shall be evaluated by the subject experts at college leveland grade point shall be awarded.

**24. Award of Ranks**

Ranks and Medals shall be awarded on the basis of final CGPA. However, candidates who fail in one or more courses during the B.Pharm program shall not be eligible for award of ranks.Moreover, the candidates should have completed the B. Pharm program in minimum prescribed number of years, (four years) for the award of Ranks.

**25. Award of degree**

Candidates who fulfill the requirements mentioned above shall be eligible for award of degree during the ensuing convocation.

**26. Duration for completion of the program of study**

The duration for the completion of the program shall be fixed as double the actual duration of the program and the students have to pass within the said period, otherwise they have to get fresh Registration.

**27. Re-admission after break of study**

Candidate who seeks re-admission to the program after break of study has to get the approval from the university by paying a condonation fee.

No condonation is allowed for the candidate who has more than 2 years of break up period and he/she has to rejoin the program by paying the required fees.

# CHAPTER - II: SYLLABUS

**TABLE-I**

**Diploma in Pharmacy (Part- I)**

| Subject | No. of hours of Theory | No. of hours of Practical |
|---|---|---|
| Pharmaceutics-I | 75 | 100 |
| Pharmaceutical Chemistry-I | 75 | 75 |
| Pharmacognosy | 75 | 75 |
| Biochemistry & Clinical Pathology | 50 | 75 |
| Human Anatomy & Physiology | 75 | 50 |
| Health Education & Community Pharmacy | 50 | - |
| | 400 + | 375 = 775 |

**TABLE-II**

**Diploma in Pharmacy (Part-II)**

| Subject | No. of hours of Theory | No. of hours of Practical |
|---|---|---|
| Pharmaceutics-II | 75 | 100 |
| Pharmaceutical Chemistry-II | 100 | 75 |
| Pharmacology & Toxicology | 75 | 50 |
| Pharmaceutical Jurisprudence | 50 | - |
| Drug Store and Business Management | 75 | - |
| Hospital and Clinical Pharmacy | 75 | 50 |
| | 450 | +275 = 725 |

**4.** The syllabi for each subject of study in the said Tables shall be as specified in Appendix A to these regulations.

**5.** ***Approval of the authority conducting the course of study:***

The course of regular academic study prescribed under regulation 7 shall be conducted in an institution, approved by the Pharmacy Council of India under sub-section (1) of Section 12 of the Pharmacy Act, 1948.

Provided that the Pharmacy Council of India shall not approve any institution under this regulation unless it provides adequate arrangements for teaching in regard to building accommodation, equipment and teaching staff as specified in Appendix-B to these regulations.

**6.** ***Examinations:***

There shall be an examination for Diploma in Pharmacy (Part-I) to examine students of the first year course and an examination for Diploma in Pharmacy (Part-II) to examine students of the second year course . Each examination may be held twice every year. The first examination in a year shall be the annual examination and the second examination shall be supplementary examination of the Diploma in Pharmacy (Part-I) or Diploma in Pharmacy (Part-II), as the case may be. The examinations shall be of written and practical (including oral) nature, carrying maximum marks for each part of a subject, as indicated in Table III and IV below: -

**TABLE --III**

**DIPLOMA IN PHARMACY (PART-I) EXAMINATION**

| | **Maximum marks for Theory** | | | **Maximum marks for Practicals** | | |
|---|---|---|---|---|---|---|
| Subject | Examination | ***** Sessional | Total | Examination | ***** Sessional | Total |
| Pharmaceutics-I | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmaceutical chemistry-I | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmacognosy | 80 | 20 | 100 | 80 | 20 | 100 |
| Bio- chemistry and Clinical pathology | 80 | 20 | 100 | 80 | 20 | 100 |
| Human Anatomy and Physiology | 80 | 20 | 100 | 80 | 20 | 100 |
| Health Education and Community Pharmacy | 80 | 20 | 100 | - | - | - |
| | | | 600 | + | | 500=1100 |

*****Internal assessment

**TABLE-IV**

**DIPLOMA IN PHARMACY (PART-II) EXAMINATION**

| | **Maximum marks for Theory** | | | **Maximum marks for Practicals** | | |
|---|---|---|---|---|---|---|
| Subject | Examination | ***Sessional** | Total | Examination | ***Sessional** | Total |
| Pharmaceutics-II | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmaceutical chemistry-II | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmacology & Toxicology | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmaceutical Jurisprudence | 80 | 20 | 100 | - | - | - |
| Drug Store and Business Management | 80 | 20 | 100 | - | - | - |
| Hospital and Clinical Pharmacy | 80 | 20 | 100 | 80 | 20 | 100 |
| | | | 600 | + | | 400=1000 |

***Internal assessment.

**7.** ***Eligibility for appearing at the Diploma in Pharmacy Part-I examination*****:-**

Only such candidates who produce certificate from the Head of the Academic institution in which he /she has undergone the Diploma in Pharmacy Part-I course, in proof of his /her having regularly and satisfactorily undergone the course of study by attending not less than 75% of the classes held both in theory and in practical separately in each subject shall be eligible for appearing at the Diploma in Pharmacy (Part-I) examination.

**8.** ***Eligibility for appearing at the Diploma in Pharmacy Part-II examination*****:**

Only such candidates who produce certificate from the Head of the academic institution in which he/she has undergone the Diploma in Pharmacy Part-II course , in proof of his /her having regularly and satisfactorily undergone the Diploma in Pharmacy Part-II course by attending not less than 75% of the classes held both in theory and in practical separately in each subject shall be eligible for appearing at the Diploma in Pharmacy (Part-II) examination.

**9.** ***Mode of examinations*****:**

a. (1) Each theory and practical examination in the subjects mentioned in Table-III & IV shall be of three hours duration.

b. (2) A Candidate who fails in theory or practical examination of a subject shall re-appear both in theory and practical of the same subject.

c. (3) Practical examination shall also consist of a viva-voce (Oral) examination.

**Dr. Preeti Global University, Shivpuri (M.P)**

# Faculty of Pharmacy REGULATIONS and SCHEME Diploma Pharmacy (D. Pharm) Course

***Qualification for Pharmacist***

1. The minimum qualification required for registration as a pharmacist shall be a pass in Diploma in pharmacy (Part I & Part II and satisfactory completion of Diploma in Pharmacy (Part-III)

**Or**

Any other qualification approved by the Pharmacy Council of India as equivalent to the above.

**2.** Diploma in Pharmacy Part-I and Part-II shall consist of a certificate of having passed the course of study prescribed in Chapter-II of these regulations.

**3.** Diploma in Pharmacy Part-III shall consist of a certificate of having satisfactorily completed course of practical training as prescribed in Chapter-III of these regulations.

***Diploma in Pharmacy (Part-I and Part-II)*:-**

1. Minimum qualification for admission to Diploma in Pharmacy Part-I course -A pass in any of the following examinations with Physics, Chemistry and Biology or Mathematics.

(1) Intermediate examination in Science;

(2) The first year of the three year degree course in Science,

(3) 10+2 examination (academic stream) in Science;

(4) Pre-degree examination;

(5) Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examination.

Provided that there shall be reservation of seats for Scheduled Caste and Scheduled Tribes candidates in accordance with the instructions issued by the Central Govt. /State Govts./Union Territory Admns. as the case may be from time to time]

**2. *Duration of the course:***

The duration of the course shall be for two academic years with each academic year spread over a period of not less than one hundred and eighty working days in addition to 500 hours practical training spread over a period of not less than 3 months.

**3. *Course of study:***

The course of study for Diploma in Pharmacy Part-I and Diploma in Pharmacy Part-II shall include the subjects as given in the Tables I & II below. The number of hour devoted to each subject for its teaching in Theory and Practical, shall not be less than that noted against it in columns 2 and 3 of the Tables below.

**TABLE-I**

**Diploma in Pharmacy (Part- I)**

| Subject | No. of hours of Theory | No. of hours of Practical |
|---|---|---|
| Pharmaceutics-I | 75 | 100 |
| Pharmaceutical Chemistry-I | 75 | 75 |
| Pharmacognosy | 75 | 75 |
| Biochemistry & Clinical Pathology | 50 | 75 |
| Human Anatomy & Physiology | 75 | 50 |
| Health Education & Community Pharmacy | 50 | - |
| | 400 + | 375 = 775 |

**TABLE-II**

**Diploma in Pharmacy (Part-II)**

| Subject | No. of hours of Theory | No. of hours of Practical |
|---|---|---|
| Pharmaceutics-II | 75 | 100 |
| Pharmaceutical Chemistry-II | 100 | 75 |
| Pharmacology & Toxicology | 75 | 50 |
| Pharmaceutical Jurisprudence | 50 | - |
| Drug Store and Business Management | 75 | - |
| Hospital and Clinical Pharmacy | 75 | 50 |
| | 450 | +275 = 725 |

**4.** The syllabi for each subject of study in the said Tables shall be as specified in Appendix A to these regulations.

**5.** ***Approval of the authority conducting the course of study:***

The course of regular academic study prescribed under regulation 7 shall be conducted in an institution, approved by the Pharmacy Council of India under sub-section (1) of Section 12 of the Pharmacy Act, 1948.

Provided that the Pharmacy Council of India shall not approve any institution under this regulation unless it provides adequate arrangements for teaching in regard to building accommodation, equipment and teaching staff as specified in Appendix-B to these regulations.

**6.** ***Examinations:***

There shall be an examination for Diploma in Pharmacy (Part-I) to examine students of the first year course and an examination for Diploma in Pharmacy (Part-II) to examine students of the second year course . Each examination may be held twice every year. The first examination in a year shall be the annual examination and the second examination shall be supplementary examination of the Diploma in Pharmacy (Part-I) or Diploma in Pharmacy (Part-II), as the case may be. The examinations shall be of written and practical (including oral) nature, carrying maximum marks for each part of a subject, as indicated in Table III and IV below: -

**TABLE --III**

**DIPLOMA IN PHARMACY (PART-I) EXAMINATION**

| | **Maximum marks for Theory** | | | **Maximum marks for Practicals** | | |
|---|---|---|---|---|---|---|
| Subject | Examination | ***** Sessional | Total | Examination | ***** Sessional | Total |
| Pharmaceutics-I | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmaceutical chemistry-I | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmacognosy | 80 | 20 | 100 | 80 | 20 | 100 |
| Bio- chemistry and Clinical pathology | 80 | 20 | 100 | 80 | 20 | 100 |
| Human Anatomy and Physiology | 80 | 20 | 100 | 80 | 20 | 100 |
| Health Education and Community Pharmacy | 80 | 20 | 100 | - | - | - |
| | | | 600 | + | | 500=1100 |

*****Internal assessment

**TABLE-IV**

**DIPLOMA IN PHARMACY (PART-II) EXAMINATION**

| | **Maximum marks for Theory** | | | **Maximum marks for Practicals** | | |
|---|---|---|---|---|---|---|
| Subject | Examination | ***Sessional** | Total | Examination | ***Sessional** | Total |
| Pharmaceutics-II | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmaceutical chemistry-II | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmacology & Toxicology | 80 | 20 | 100 | 80 | 20 | 100 |
| Pharmaceutical Jurisprudence | 80 | 20 | 100 | - | - | - |
| Drug Store and Business Management | 80 | 20 | 100 | - | - | - |
| Hospital and Clinical Pharmacy | 80 | 20 | 100 | 80 | 20 | 100 |
| | | | 600 | + | | 400=1000 |

***Internal assessment.

**7.** ***Eligibility for appearing at the Diploma in Pharmacy Part-I examination*****:-**

Only such candidates who produce certificate from the Head of the Academic institution in which he /she has undergone the Diploma in Pharmacy Part-I course, in proof of his /her having regularly and satisfactorily undergone the course of study by attending not less than 75% of the classes held both in theory and in practical separately in each subject shall be eligible for appearing at the Diploma in Pharmacy (Part-I) examination.

**8.** ***Eligibility for appearing at the Diploma in Pharmacy Part-II examination*****:**

Only such candidates who produce certificate from the Head of the academic institution in which he/she has undergone the Diploma in Pharmacy Part-II course , in proof of his /her having regularly and satisfactorily undergone the Diploma in Pharmacy Part-II course by attending not less than 75% of the classes held both in theory and in practical separately in each subject shall be eligible for appearing at the Diploma in Pharmacy (Part-II) examination.

**9.** ***Mode of examinations*****:**

a. (1) Each theory and practical examination in the subjects mentioned in Table-III & IV shall be of three hours duration.

b. (2) A Candidate who fails in theory or practical examination of a subject shall re-appear both in theory and practical of the same subject.

c. (3) Practical examination shall also consist of a viva-voce (Oral) examination.

**10.** ***Award of Sessional marks and maintenance of records*****:**

(1) A regular record of both theory and practical class work and examinations conducted in an institution imparting training for diploma in Pharmacy Part-I and diploma in Pharmacy Part II courses, shall be maintained for each student in the institution and 20 marks for each theory and 20 marks for each practical subject shall be allotted as sessional.

(2) There shall be at least two periodic sessional examinations during each academic year .The highest aggregate of any two performances shall form the basis of calculating sessional marks.

(3) The sessional marks in practicals shall be allotted on the following basis:-

(i) Actual performance in the sessional examination 10marks

(ii) Day to day assessment in the practical class work 10marks.

**11.** ***Minimum marks for passing the examination*****:**

A student shall not be declared to have passed Diploma in Pharmacy examination unless he /she secures at least 40% marks in each of the subject separately in the theory examinations, including sessional marks and at least 40% marks in each of the practical examinations including sessional marks. The candidates securing 60% marks or above in aggregate in all subjects in a single attempt at the Diploma in Pharmacy (Part-I) or Diploma in Pharmacy (Part-II) examinations shall be declared to have passed in first class the Diploma in Pharmacy (Part-I) or Diploma in Pharmacy (Part-II) examinations, as the case may be. Candidates securing 75% marks or above in any subject or subjects shall be declared to have passed with distinction in the subject or those subjects provided he/she passes in all the subjects in a single attempt.

**12.** ***Eligibility for promotion to Diploma in Pharmacy (Part-II)*****:**

All candidates who have appeared for all the subjects and passed the Diploma in Pharmacy Part-I examination are eligible for promotion to the Diploma in Pharmacy Part-II class. However, failure in more than two subject shall debar him/ from promotion to the Diploma in Pharmacy Part-II class.

**13.** ***Improvement of sessional marks:***

Candidates who wish to improve sessional marks can do so, by appearing in two additional sessional examinations during the next academic year. The average score of the two examination shall be the basis for improved sessional marks in theory .The sessional of practicals shall be improved by appearing in additional practical examinations. Marks awarded to a candidate for day to day assessment in the practical class cannot be improved unless he /she attends a regular course of study again.

**14.** ***Approval of examinations:***

The examinations mentioned in regulations 10 to 13 and 15 shall be held by an authority herein after referred to as the Examining Authority in a State , which shall be approved by the Pharmacy Council of India under sub-section (2) of section 12 of the Pharmacy Act, 1948. Such approval shall be granted only if the Examining Authority concerned fulfills the conditions as specified in Appendix-C to these regulations.

***15. Certificate of passing examination for Diploma in Pharmacy (Part-II)*****:**

Certificate to having passed the examination for the Diploma in Pharmacy Part II shall be granted by the Examining Authority to a successful student.

**SEMESTER – 1**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Botany – Minor/Generic elective course) | Basic Botany | BOM2/BO |

**Course Learning outcomes (CLO)**

- This course will help the student to understand the diversity of plants and evolutionary process in plant kingdoms.
- It gives accounts of plant adaptations from aquatic condition to colonize terrestrial habitat.
- The changes in morphological, anatomical and reproductive structures that propel plant evolution can be investigated.
- The economic importance and significance of plants in nature will be understood.
- They will be acquainted with locally prevalent microbial diseases of plants and humans

**Content**

**Unit - I**

**1.1 History of Botany and Indian Contributions.**

**1.2** Morphological Characteristics of lower and higher plants(Angiosperms).

**1.3** Types of leaves, Inflorescence, Flowers and Fruits,

**1.4** Structure of Plant cell and cell organelles, Prokaryotic and Eukaryotic Cells, types of Cell division.

**1.5** Microscope structure and function of light microscope (magnification and resolving power),

**1.6** Various types of Microscopes: Bright field, Phase Contrast, SEM and TEM.

**Unit - II**

**1. Algae**

1.1 General characteristics

1.2 Range of thallus organization, reproduction.

1.3Types of life-cycles in algae

**1.4** Role of algae in nature and its economic importance.

2 **Bryophytes:**

2.1 General characteristics, Ecology.

2.2 Range of thallus organization, morphology, anatomy(internal and external features) and reproduction of any one Bryophyte.

2.3 Economic importance of Bryophytes

**Unit - 3**

**1 Pteridophytes**

1.1 General characteristics and morphology.

1.2 Stelar organization and reproduction.

1.3 Heterospory and seed habit.

**1.4** Economical importance

2.**Gymnosperms**

2.1 General description and their distribution.

2.2 Economical importance of Gymnosperms.

**3. Paleobotany**

3.1 Indian contribution in Paleobotany.

3.2 Brief knowledge of Fossils and Geological time scale.

**Unit - 4**

**1 Fungi**

1.1 General characteristics and cell wall composition.

1.2 Mode of nutrition

1.3 Types of reproduction

1.4 Economic importance

1.5 Parasexuality and Mycorrhiza

2.**Lichens:** Brief knowledge and their significance.

**Unit - 5**

**Microbes**

1.1 Brief outline of various types of Microbes

1.2 Archaebacteria, Eubacteria, Cyanobacteria, Mycoplasma. Actinomycetes and Virus.

1.3 **Beneficial** and harmful roles.

## Practicals

1. Study of various types of leaves, inflorescence, Flowers and fruits.

2. Understanding various parts of Microscope (simple and compound microscope)

3. Study of plant cells (e.g. Onion etc.)

4. Study of permanent slides of Mitosis and meiosis

5. Study of Electron Micrographs of Cell and organelles from Internet, You-Tube.

6. Identification of various algae from specimens, slides and temporary mounts of water from nearby areas like. Nostoc, Oscillatoria, Volvox, Spirogyra, Oedogonium, Chara, and specimens and pictographs of marine algae like Ectocarpus, Sargassum. Polysiphonia

7. Study and identification of some Bryophytes like Riccia Marchantia, Anthoceros, Funuria and Field visit.

8. Study of some fossils (specimens and slides)

9. Study of some Pteridophytes likeLycopodium. Sellaginella, Equisetum. Marselia and study of any one ferm

10. Section cutting of Pteridophytes and Gymnosperms: Stem, root and leaves

11. Specimen study of Pteridophytes and Gymnosperms Cones

12. Study of fugal structures and preparation of temporary mounts of Mucor, Rhizopus. Asperigillus, Yeast, Pencillium, Alternaria, Albugo, Helimenthosporium.

13. Permanent slides of Puccinia on host.

14. Study of various fungal plant diseases

15. Observation of symptoms of virus and bacteria on plants.

16. Gram staining techniques

**Semester – I**

| BRANCH | Subject | Subject Code |
|---|---|---|
| B.Sc. (Biotechnology - Major) | Cell Biology and Biochemistry | BTM1-111 |

**Course Objective:-**The Main Objective of the course will be to build the basic foundation for studying Biotechnology. The Demand for Trained workforce in Biotechnology is ever growing in Fundamental Research and Industry Sector. Academic and Research Sectors also require Interdisciplinary trained manpower to foster the Biotechnology Revolution. The restructured syllabus combines basic principles of Chemical and Biological sciences in light of advancements in technology. The curriculum aims to impart basic knowledge with emphasis on its applications to make the students ready for industries and research work in concerned field.

**Course learning outcomes (CLO**):-

1. Understand the basic of cell biology.
2. Appreciate the importance of bonding spatiel arrangement of molecules of proper function and stability.
3. Understand both the physical as well as chemical properties of biomolecules.
4. Students can pursue a career in biochemical testing. The decrease of increase in the amount of some of the biomolecules can have clinical significance.
5. Students can also go in for medical laboratory tech courses. Opening opportunities of hospital and pathology laboratories.

**Unit - I**

**Cell as a Basic Unit:**

**1. Historical background of the Cell**

1.1 History of Cell Biology.

1.2 Cell Structure.

1.3 Cell Theory.

**2. Prokaryotic Cell and Cell Organells:**

2.1 Ultrastructure of Prokaryotic Cell.

2.2. Structure and function of cell organelles: Flagella. Pili. Cell wall. Cytoplasmic membrane, nuclear region. Ribosomes, Vacuoles,Metachromatic granules, Spores and Cysts. Microtubules. Microfilaments, Centriole.

2.3 Difference between Prokaryotic and Eukaryotic cells.

**Unit - II**

**Cell Organelles and Cell Cycle:**

**1. Eukaryotic Cell and Cell Organells:**

1.1 Ultrastructure of Eukaryotic cell (Plant and Animal cells).

1.2 Structure and function of cell organelles: Cell membrane, Mitochondria.

Chloroplast, Endoplasmic reticulum, Golgi bodies. Lysosomes.

Peroxisomes, Nucleus.

**2. Cell Cycle:**

2.1 Cell cycle and Cell division.

2.2 Apoptosis or Cell death .

**Unit - III**

**Molecular Structure of Water:**

**1. Water structure and Buffer:**

1.1 Properties of Water.

1.2 Interaction of Water.

1.3 Role of Water in Bio molecular Structure.

1.4 Acid and Bases, Buffer solutions.

**2. Chemical Bonds:**

2.1 Chemical Bonds (Ionic Bond, Covalent Bond, Coordinate Bond. Non Covalent Bonds, Hydrogen Bond)

**Unit - IV**

**Biomolecules:** Sources, Nomenclature, Classification. Structures, Characteristics, and

Functions:

1.Carbohydrates,

2.Lipids,

**3.** Proteins and Nucleic Acids.

**Unit - V**

**Tools and Techniques**

1.1 Principle and Applications of Light Microscopy, Centrifugation. Chromatography (Paper. Thin layer and Column), Colorimeter and Spectrophotometer.

**List of Experiments/Exercise (Practicals)**

1. To study the plant cell structure using various plant materials.
2. To study the animal cell structure using cheek cells.

3. To Prepare Onion root tip for the stages of Mitosis.

4. To Prepare and study the different stages of Mitosis and Meiosis.

5. To analyze Carbohydrates Quantitatively.
6. To analyze proteins quantitatively

7. To analyses lipids Quantitatively
8 To Prepare Buffers.
9. To Separate plant pigments by Paper Chromatography

10 To Separate amino acids by TLC analyze lipids quantitatively

**Semester – II**

| BRANCH | Subject | Subject Code |
|---|---|---|
| B.Sc. (Biotechnology - Major) | Microbiology and Immunology | BTM1-121 |

**Course Objective: -** Course Objectives: To create general understanding about microbiology and immunology
1. The students will be able to understand microbial diversity and Nutrition.
2. The students will be able to understand immune system. Immune responses and Vaccination.
3. The students will be able to describe role of immune system in both maintaining health and contributing to disease.
4. The students will be able to understand immunological techniques.

**Course Learning Outcomes:** At the end of the course student will familiar with -
1. Microbial diversity and nutrition.
2. Immune system, its properties and types.
3. Immunoglobulin structure, types and functions and can apply the concept of hypersensitivity and vaccination for different diseases.
4 Perform various immunological techniques**.**

**Unit - I**

**History, Basic concepts of Microbiology and Culture Media preparation**

**1. History, Basic concepts of Microbiology:**

1.1 Fundamental, History and evolution Development of microbiology. Application of microbiology in human welfare.

1.2 Classification, General characteristic and structure of Bacteria, Fungi and Viruses.

**2. Media Preparation:**

2.1 Methods and Types: Culture, Minimal, Selective, differential. Transport media.

2.2 Synchronous, Batch and Continuous culture.

**Unit - II**

**Microbial Growth and Growth measurement:**

**1. Microbial Growth:**

1.1. Definition of growth, Mathematical expression of growth Curve, Generation time, Growth yield. Effect of nutrients on growth.

1.2. Factor affecting growth: Nutrient, Temperature, Oxygen, pH, Osmotic pressure.

**2. Growth measurement:**

2.1 Measurement of Growth (Direct and Indirect methods): cell number, Cell Mass and Cell Activity.

2.2. Cell Count: Turbidometric method, Plate count method. Membrane count method. Dry weight and Wet method by measurement of cellular activity.

**Unit - III**

**Basics of Immunology:**

**1. Basics of Immunology:**

1.1. Concept of Innate and Acquired immunity. Phygocytosis complement and inflammatory responses.

1.2. Immune cells and organs: Structure, Function and Properties of immune cells - Stem cell, T-cell, B-cell, NK-cell, Macrophages, Neutrophil. Eosinophil Basophil, Mast cell, Dentric cell.

1.3. Immune organ: Bone marrow. Thymus, Lymph Node, Spleen, Lymphatic System.

**Unit - IV**

**Immunoglobulins and Immune response:**

**1. Immunoglobulins**

1.1. Antigens: Characteristics of an antigen: Foreignness. Molecular size. Chemical composition and Heterogeneity.

Antigen Adjuvants, Epitopes, Haptens.

1.2. Antibodies: Structure, Types, Functions and Properties of antibodies Antigenic determinant on antibodies( Isotypic, Allotypic, Idiotypic). Monoclonal, Polyclonal and Chimeric antibody.

**2. Immune response:**

2.1. Generation of immune response: Primary and Secondary immune response, generation of Humoral response (Plasma and Memory cell).

Generation of cell mediated immune response (self MHC restriction, T-cell activation, Co-stimulatory signals). Killing Mechanisms by CTL and NK cells, Introduction to tolerance.

**Unit - V**

**Microbial, Immunological Techniques and Vaccination:**

**1. Microbial Techniques :**

1.1. Principle, Working and applications of instruments -Laminar airflow, Autoclave, Hot air oven.

**2. Immunological techniques:**

2.1. RIA, ELISA, Western blotting. Principles of Precipitation.

Agglutination, Immunodiffusion, Immunoelectophorosis.

**3. Vaccination and Disease:**

3.1. Vaccines and vaccination: Rubella, Varicella (Chickenpox). Polio, Diphtheria, Hepatitis vaccine.

3.2 Genetic disorder – Anemia, Sickle cell anemia, Thalassemia

**List of Practical's**

1 To perform Aseptic technique, Cleaning of glassware's, preparation of Cotton Plugging and Sterilization.

2. To prepare Bacterial and Fungal media.

3. To isolate microbes from Air, Water and Soil.

4. To Study dilution and plating by Pour Plate, Spread Plate methods.

5. To Study microorganisms by Staining method - Simple staining, Gram staining. Endospore staining, Fungal staining. Negative staining

6. To identify bacteria based on staining, Shape and Size.

7. To enumerate microorganism - Total and Viable count.

8. To study Antibiotic sensitivity of microbes by the use of antibiotic discs.

9. To isolate and identify pathogenic bacteria from sewage and waste water.

10. To Determine growth curve and generation time of E. coli.

11. To identify of human blood groups.

12. To enumerate total WBC of the given blood sample by hemocytometer.

13. To enumerate differential Leukocyte of the given blood sample.

14. To enumerate total RBC of the given blood sample by hemocytometer.

15.To isolate and Identify aquatic Fungi from Local water body.

**SEMESTER – 1**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Botany - Major) | **Applied Botany** | **BOM1** |

**Course Learning Outcomes (CLO)**

By the end of this course the student should have:

- Understood the significance and role of botany.
- Learnt the basic aspects of applied botany.
- Gained knowledge about employment opportunities in the field of botany.
- Gained knowledge about start-up opportunities in the field of botany.
- Learnt about opportunities of social services.
- Gain knowledge about best health practices.

**Content**

**Unit - I**

1.1 Introduction, objectives and importance of Applied botany

1.2 History and evolution of botany

1.3 Relation of plants to man and relation with other services

1.4 Various disciplines of botany and their applications to human welfare

**Unit - II**

1.1 Definition and types of pollution and pollutants

1.2 **Phytoremediation:** Air, water, soil, noise and thermal pollutants (Any 5 plants with botanical name, family) and their role in pollution control.

1.3 Bioremediation: definition and types

**Unit - III**

1.1 Ancient agricultural practices.

1.2 **Modern agriculture practices:** Polyhouse, Drip irrigation, hydroponics, computer-based agriculture ,terrace farming.

1.3 **Organic farming:** Introduction, objective and brief technique.

1.4 **Horticulture:** Definition and role in human welfare

1.5 **Forestry:** Definition, branches and role in human

1.6 **Silviculture:** Definition and management practices

**Unit - IV**

1.1 Role of Botany in Rural development

1.2 Ethnobotany: Introduction and importance

1.3 Ethnomedicine: Definition and examples. (Local name, Botanical name, family and importance of Neem, Aloe, Clove, Ginger, Tulsi, Turmeric, Giloy, Emblica, Ashwagandha, Arandi)

1.4 **Ethno-fibres:** Definition and examples (Local name, Botanical name, family and importance of Jute Coconut, elephant grass, cotton)

1.5 **Ethno-food crops:** Definition and examples (Local name, Botanical name, family and importance of Garadu, Singada, Kutaki, Sama, Kodo, Bathua, Sehjan, Jowar, Makka, Bajra, Jau)

**Unit - V**

1.1 **Plant tissue culture:** Definition, types and Importance.

1.2 **DNA Recombinant technique:** Introduction, tools and importance.

1.3 Role of recombination in present era

1.4 Bioin**formatics:** Definition, concept and tools

1.5 **Introduction of bioinformatics software**: Basic idea of BLAST and FASTA Importance of bioinformatics.

**Practical**

1. Identification of ethnomedicinal plants

2. Preparation of soil health card of any agricultural field.

3. Study of vermin compost and composting of kitchen waste.

4. Use of BLAST and FASTA

5. Prepare the list of important air, water and soil pollutants of local areas.

6. Plant tissue culture technique: sterilization, inoculation, culture media, acclimatization and hardening,

7. Preparation of list of ethnomedicinal, food, fibre

8. Tools of recombinant DNA technology Restriction, enzymes, plasmid vectors; other enzymes.

9. Study of global warming, acid rain and water quality (pH and Conductivity),

10. Study of local plants grown around agricultural field.

11. *Case and field study can be designed accordingly.

**SEMESTER – II**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Botany - Major) | **Basic Botany** | |

**Course Learning outcomes (CLO)**

- This course will help the student to understand the diversity of plants and evolutionary process in plant kingdoms.
- It gives accounts of plant adaptations from aquatic condition to colonize terrestrial habitat.
- The changes in morphological, anatomical and reproductive structures that propel plant evolution can be investigated.
- The economic importance and significance of plants in nature will be understood.
- They will be acquainted with locally prevalent microbial diseases of plants and humans

**Content**

**Unit - I**

**1.1 History of Botany and Indian Contributions.**

**1.2** Morphological Characteristics of lower and higher plants(Angiosperms).

**1.3** Types of leaves, Inflorescence, Flowers and Fruits,

**1.4** Structure of Plant cell and cell organelles, Prokaryotic and Eukaryotic Cells, types of Cell division.

**1.5** Microscope structure and function of light microscope (magnification and resolving power),

**1.6** Various types of Microscopes: Bright field, Phase Contrast, SEM and TEM.

**Unit - II**

**1. Algae**

1.1 General characteristics

1.2 Range of thallus organization, reproduction.

1.3Types of life-cycles in algae

1.4 Role of algae in nature and its economic importance.

**2 Bryophytes:**

2.1 General characteristics, Ecology.

2.2 Range of thallus organization, morphology, anatomy(internal and external features) and reproduction of any one Bryophyte.

2.3 Economic importance of Bryophytes

**Unit - 3**

**1 Pteridophytes**

1.1 General characteristics and morphology.

1.2 Stelar organization and reproduction.

1.3 Heterospory and seed habit.

**1.4** Economical importance

2.**Gymnosperms**

2.1 General description and their distribution.

2.2 Economical importance of Gymnosperms.

**3. Paleobotany**

3.1 Indian contribution in Paleobotany.

3.2 Brief knowledge of Fossils and Geological time scale.

**Unit - 4**

**1 Fungi**

1.1 General characteristics and cell wall composition.

1.2 Mode of nutrition

1.3 Types of reproduction

1.4 Economic importance

1.5 Parasexuality and Mycorrhiza

2.**Lichens:** Brief knowledge and their significance.

**Unit - 5**

**Microbes**

1.1 Brief outline of various types of Microbes

1.2 Archaebacteria, Eubacteria, Cyanobacteria, Mycoplasma. Actinomycetes and Virus.

1.3 **Beneficial** and harmful roles.

## Practicals

1. Study of various types of leaves, inflorescence, Flowers and fruits.

2. Understanding various parts of Microscope (simple and compound microscope)

3. Study of plant cells (e.g. Onion etc.)

4. Study of permanent slides of Mitosis and meiosis

5. Study of Electron Micrographs of Cell and organelles from Internet, You-Tube.

6. Identification of various algae from specimens, slides and temporary mounts of water from nearby areas like. Nostoc, Oscillatoria, Volvox, Spirogyra, Oedogonium, Chara, and specimens and pictographs of marine algae like Ectocarpus, Sargassum. Polysiphonia

7. Study and identification of some Bryophytes like Riccia Marchantia, Anthoceros, Funuria and Field visit.

8. Study of some fossils (specimens and slides)

9. Study of some Pteridophytes likeLycopodium. Sellaginella, Equisetum. Marselia and study of any one ferm

10. Section cutting of Pteridophytes and Gymnosperms: Stem, root and leaves

11. Specimen study of Pteridophytes and Gymnosperms Cones

12. Study of fugal structures and preparation of temporary mounts of Mucor, Rhizopus. Asperigillus, Yeast, Pencillium, Alternaria, Albugo, Helimenthosporium.

13. Permanent slides of Puccinia on host.

14. Study of various fungal plant diseases

15. Observation of symptoms of virus and bacteria on plants.

16. Gram staining techniques

**Semester – I**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Chemistry– Major) | Fundamental of Chemistry | CHM1 |

**Course Learning Outcomes (CLO)**

By the end of this course students will learn the following aspects of chemistry:

1. Ancient Indian chemical techniques.
2. Various theories and principles applied to reveal atomic structure.
3. Significance of quantum numbers.
4. Concept of periodic properties of elements.
5. Theories related to chemical bonding.
6. Acid-base concept, ph, buffer.
7. Factors responsible for reactivity of organic molecules.
8. Basics and mechanism of chemical kinetics.
9. Properties of electrolytes.

**CONTENT**

**Unit - 1**

(a) Chemical techniques in ancient India: General Introduction

(b) Contribution of ancient Indian scientists in chemistry eg, metallurgy, dyes, pigments, cosmetics, Ayurveda, Charak Sanhita.

**Atomic structure**

(i) Review of Bohr's theory and its limitations. Atomic spectrum of Hydrogen. Dual nature of particles and waves, de Broglie's equation, Heisenberg's Uncertainty principle and its significance.

(ii) Quantum numbers and their significance. Rules for filling electrons in various orbitals. Pauli's Exclusion Principle, Hund's rule of maximum multiplicity. Aufbau principle and its limitations, Variation of orbital energy with atomic number.

Electronic configurations of the atoms. Stability of half-filled and completely filled orbitals, concept of exchange energy. Relative energies of atomic orbitals, Anomalous electronic configurations.

**Unit - 2**

**Elementary idea of the following properties of the elements with reference to s & p-block elements in periodic table.**

- Effective nuclear number (EAN), shielding or screening effect, Slater rules, variation of effective nuclear charge in periodic table.

- Atomic radii (van der Waals)

- Ionic and crystal radii.

- Covalent radii (octahedral and tetrahedral)

Detailed discussion of the following properties of the elements, with reference to s & p-blocks.

- Ionization energy Successive ionization energy and factors affecting ionization energy. Applications of ionization energy.

- Electronegativity-Pauling's/ Mulliken's electronegativity scales.

Variation of electronegativity with bond order, partial charge, hybridization.

**Unit - 3**

**Chemical Bonding**

i. Ionic Bonding: General characteristics of ionic bonding.

Ionic bonding &Energy: lattice & solvation energies and their importance in the context of stability and solubility of ionic compounds.

Statement of Born-Landé equation for calculation of lattice energy. Madelung constant. Born-Haber cycle and its applications. Covalent character in ionic compounds, polarizing power and polarizability. Fajan's rules.

ii. Covalent bonding: Lewis structure, Valence Bond theory (Heitler- London approach).

Hybridization-Concept, types (SP, SP, SP, dSP d'Sp' with suitable examples of inorganic and organic molecules

Ionic character in covalent compounds- dipole moment and percentage, ionic character,

Valence shell electron pair repulsion theory (VSEPR) theory: Assumptions, need of theory, application of theory to explain geometries or shapes of some inorganic molecules and ions on the basis of VSEPR and hybridization with suitable examples of linear. trigonal planar, square planar. tetrahedral, trigonal bipyramidal and octahedral arrangements such as: NH, HO, SF, CIF). PCs. SF. CIFs, XeF4

*** Molecular orbital (MO) concept of bonding**

The approximations of the theory, Linear combination (LCAO) (elementary pictorial approach)

Rules for the LCAO method, bonding and antibonding MOS. Characteristics for s-s. s-p and p-combinations of atomic orbitals, nonbonding combination of orbitals.

MO diagrams of homonuclear diatomic molecules: H, Li, Beg, B, C, N, $O_2$, F, and their ions.

Molecular orbitals of heteronuclear diatomic molecules: CO, NO, CN, HF.

*** Bond parameters:**

Definition and factors affecting bond orders, bond lengths, bond angles.

**Unit - 4**

**Acid-Base concept**

Arrhenius concept. Bronsted-Lowry's concept, conjugate acids and bases. relative strength of acids, Lewis concept.pH, buffer solutions. Acid-base neutralisation curves, Handerson equation.

Strength of organic acids and bases: Comparative study with emphasis on factors affecting pK values.

Indicator, choice of indicators.

**Unit - 5**

**(a) Fundamentals of Organic Chemistry** Structure, shape and reactivity of organic molecules: Physical Effects, Electronic Displacements: Inductive Effect,Electromeric Effect, , Resonance and Hyperconjugation,

Cleavage of Bonds: Homolysis and Heterolysis.

Reactive Intermediates: Carbocations, Carbanions and free radicals, Nucleophiles and electrophiles.

**(b) Stereochemistry of Organic compounds:**

Concept of isomerism.

**Geometrical isomerism:**

Determination of configuration of geometric isomers. E & Z system of nomenclature, geometrie isomerism in oximes and alicyclic compounds.

**Optical isomerism:**

Elements of symmetry, molecular chirality, enantiomers & their properties, stereogeniccentre, optical activity of enantiomers. Concept of chirality (up to two carbon atoms): chiral and achiral molecules with two stereogeniccentres, diastereomers, threo and erythroisomers, meso isomer, resolution of enantiomers, inversion, retention and racemization.

Relative and absolute configuration. sequence rules. D & L and R & S systems of nomenclature.

**Conformations and Conformational analysis**

Conformations of ethane, butane and cyclohexane. Interconversion of Wedge formula, Newman, Sawhorse and Fischer representations.

**Unit - 6**

**Chemical Kinetics:**

Rate of reaction, Definition and difference of order and molecularity. Derivation of rate constants for first, second, third and zero order reactions and examples. Derivation for half-life period. Methods to determine the order of reactions. Effect of temperature on rate of reaction. Arrhenius equation, concept of activation energy.

**Ionic Equilibria:**

Strong, moderate and weak electrolytes, degree of ionization, factors affecting degree of ionization, ionization constant and ionic product of water. Common ion effect. Salt hydrolysis-calculation of hydrolysis constant, degree of hydrolysis and pH for different salts. Solubility and solubility product of sparingly soluble salts-applications of solubility product.

**Practical**

**Qualitative inorganic analysis**

Identification of simple inorganic mixture (5 radicals) with two/three acidic and two/three basic radicals (including typical combinations), special emphasis on learning theoretical concepts of strong, moderate and weak electrolytes, ionic product, common ion effect. Solubility and solubility product.

**Qualitative organic analysis**

1. Detection of hetero-elements (N, S, Cl, Br. 1) in organic compounds

2. Functional group tests for alcohol, aldehyde, carboxylic acid, carbohydrate, phenols, nitro, amine and amide.

**Quantitative analysis of acid, alkali and buffer solutions**

**Ionic Equilibria**

1. Measurement of pH of different solutions of acids and alkalies using pH- meter (may use aerated drinks, fruit juices, shampoos and soaps).

Note - use dilute solutions of soaps and shampoos to prevent damage to the glass electrode.

2. Measurement of the pH of buffer solutions and comparison of the values with theoretical values.

3. Preparation of buffer solutions and determination of their pH and buffer capacity:

(i) Sodium acetate-acetic acid

(ii) Ammonium chloride- ammonium hydroxide.

**Semester 2**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Chemistry–MAJOR) | ANALYTICAL CHEMISTRY | |

**Course Learning Outcomes (CLO)**

By the end of this course students will learn the following aspects of laboratory exercises in chemistry:
1. Basic concepts of Mathematics for Chemists.
2. Fundamentals of analytical chemistry and steps involved in analysis.
3. Basic knowledge of Computer for chemists.
4. Basic Concepts of Chemical equilibrium.
5. Principles of Chromatography and chromatographic techniques.
6. Various techniques of Spectroscopic Analysis.

**CONTENT**

**Unit - 1**

**Mathematics for Chemists**

Straight line equation, Logarithmic relations, curve sketching, linear graphs & calculation of slopes. Differentiation, differentiation of functions like kex". sinx, logx. maxima & minima.partial differentiation. Integration of some useful relevant functions.

**Unit - 2**

**Basic Analytical Chemistry:** Introduction to Analytical Chemistry and its interdisciplinary nature. Concept of sampling. Importance of accuracy, precision and sources of error in analytical measurements. Presentation of experimental data and results, from the point of view of significant figures. statistical terms: mean, mean deviation, median, standard deviation, Numerical Problems.

**Calculations used in Analytical Chemistry**

**Some Important units of measurements-** SI Units, distinction between mass and weight, mole, milli mole and Numerical Problems.

**Solution and their concentrations-**Concept of Molarity, molality and normality. Expressing the concentration in parts per million (ppm), parts per billion (ppb). Numerical Problems.

**Chemical Stoichiometry-** Empirical and Molecular Formulas, Stoichiometric Calculations, Numerical Problems.

**Unit - 3**

**Computer for Chemists**

Introduction to computer. Introduction to operating systems like -DOS. Windows, Linux and Ubuntu

**Use of computer programs**

Running of standard programs & packages such as MS-word, MS-excel. PowerPoint, Execution of linear regression x-y Plot. Use of softwares for drawing structures and molecular formulae.

**Unit - 4**

**Chemical Equilibrium:** Equilibrium constant and free energy, concept of chemical potential. Thermodynamic derivation of law of chemical equilibrium. Temperature dependence of equilibrium constant; Van't Hoff reaction isochore, Van't Hoff reaction isotherm. Le-Chatelier's principle and its applications.

**Unit - 5**

**Chromatography**

Introduction. Principle and Classification. Mechanism of separation: adsorption, partition & ion-exchange.

Development of chromatograms: frontal. elution and displacement methods.

Paper Chromatography, (ascending, descending and circular). Thin Layer Chromatography (TLC) and Column Chromatography (CC). Gas Chromatography (GC) and High Pressure Liquid Chromatography (HPLC), types of column and column selection, applications, limitations.

**Principle and Applications of:**

Flash chromatography, lon-exchange chromatography and Chiral chromatography.

**Unit - 6**

**Spectral techniques of analysis**

**Basics of absorption spectroscopy:** Electromagnetic radiation Spectral range. Absorbance. Absorptivity. Molar Absorptivity. Fundamental Laws of Absorption. Lambert-Beer Law and its limitations.

Constitution & working of photometer, spectrometer, colorimeter.

**Ultraviolet (UV) absorption spectroscopy-**

Presentation and analysis of UV spectra. Types of electronic transitions. Effect of conjugation. Concept of chromophore and auxochrome. Bathochromic, hypsochromic, Hyperchromic and hypochromic shifts. UV spectra of conjugated polyenes and enones.

**Infra-red (IR) absorption spectroscopy-**

Molecular vibrations, Hooke's law, selection rules, intensity and position of IR bands, Measurement of IR spectrum, finger print region, characteristic absorption of various functional groups and interpretation of IR spectra of simple organic compounds.

**Practical**

1 **Basic analytical exercises**

Calibration of different weights and glassapparatus (measuring cylinder. burette, pipette, volumetric flasks).

• Preparation of solutions of different molarity/normality by weighing and dilution.

**2. Quantitative Analysis**

**Titrimetric Analysis**

- Standardization of NaOH with Oxalic acid.

- Determination of carbonate and hydroxide present in mixture.

- Determinationof carbonate and bicarbonate present in a mixture.

- Determinationof free alkali present in different soaps/detergents.

**3. Quantitative Analysis by Colorimetry**

- Verification of Lambert-Beer Law

- Determination of concentration of coloured compounds (e.g.. CuSO KMnO4

**4. Qualitative Analysis**

-Systematic identification of organic compound by qualitative analysis.

- Chromatography:

Identification by determination of the Rvalues of the given organic/ inorganic compounds by paper/ thin layer chromatography.

**Semester – 1**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Computer Science – Major) | COMPUTER SYSTEM ARCHITECHTURE | CSM1 |

**Course Learning Outcomes(CLO)**

On completion of this course, learners will be able to:

1. Understand the basic structure, operation and characteristics of digital computer.
2. Be able to design simple combinational digital circuits based on given parameters.
3. Familiarity with working of arithmetic and logic unit as well as the concept of pipelining
4. Know about hierarchical memory system including cache memories and virtual memory.
5. Understand concept and advantages of parallelism.threading, multiprocessors and multicore processors.
6. Know the contributions of Indians in the field of computer architecture and related technologies.

**CONTENT**

**Unit - I**

**Fundamentals of Digital Electronics:** Data Types, Complements, Fixed-Point Representation, Floating-Point Representation, Binary and other Codes, Error Detection Codes.

**Logic Gates**, Boolean Algebra, Map Simplification. Combinational Circuits, Sequential Circuits, simple combinational circuit design problems.

**Circuits-** Adder- Subtractor, Multiplexer, Demultiplexer. Decoders, Encoders Flip-Flops, Registers, Counters.

**Unit - II**

**Basic Computer Organization:** Instruction codes, Computer Registers, Computer Instructions, Timing & Control, Instruction Cycles, Memory Reference Instruction. Input-Output & Interrupts, Complete Computer Description & Design of Basic Computer.

**Unit - III**

**Instructions -** Instruction formats, Addressing modes, Instruction codes, Machine language, Assembly language.

**Register Transfer and Micro operations -** Register Transfer language, Register Transfer, Bus & Memory Transfer, Arithmetic Micro-operations, Logic Micro-operations, Shift Micro-operations.

**Unit - IV**

**Processor and Control Unit -** Hardwired vs. Micro programmed Control Unit, General Register Organization, Stack Organization, Instruction Format, Data Transfer & Manipulation, Program Control, Introductory Format, Data Transfer & Manipulation, Program Control, Introductory concept of RISC, CISC, advantages and disadvantages of both.

**Pipelining -** concept of pipelining, introduction to pipelined data path and control - Handling Data hazards & Control hazards.

**Unit - V**

**Memory and I/O System -** Peripheral Devices, I/O Interface.,

**Data Transfer Schemes-** Program control, Interrupt, DMA Transfer. I/O Processor.

**Memory Hierarchy**, Processor vs. Memory Speed, High-Speed Memories, Main memory, Auxiliary memory, Cache Memory, Associative Memory, Interleaving, Virtual Memory, Memory Management.

**Unit - VI**

**Parallelism -** meaning, types of parallelism, introduction to Instruction- level-parallelism, Parallel processing challenges, Applications.

**Flynn's classification -** Introduction to SISD, SIMD, MISD, MIMD

**Hardware multithreading -** Introduction, types, advantages and applications.

**Multicore processors -** Introduction, advantages, difference from Multiprocessor.

**Unit - VII**

**Indian contribution to the field -** Contributions of reputed scientists of Indian origin - like - Dr. Vinod Dham - Father of Intel Pentium Processor, Dr. Ajay Bhat - Co-Inventor of USB Technology, Dr. Vinod Khosla- co-founder of Sun Microsystems, Dr. Vijay P Bhatkar - architect of India's national initiative in supercomputing, and many others.

**Parallel Computing projects of India -** PARAM, ANUPAM, FLOSOLVER, CHIPPS etc. Other relevant contributors and contributions.

**Practical**

**Suggestive list of Practicals**

1. To study basic gates (AND, OR. NOT) and verify their truth tables.

2. To convert a given binary number to Gray code using IC 7486.

3.To study and verify NAND as Universal gate using IC 7400.

4. To study half adder using basic gates and verify its truth table.

5. To study Full Adder using basic gates and verify its truth table.

6. To realize basic gates (AND, OR, NOT) from Universal gates (NAND and NOR).

7. To verify truth table of 4-bit adder using IC 7483.

8. To design and construct RS flip Flop using gates and verify the truth

9. To design and construct JK flip Flop using gates and verify the truth

10. To verify DeMorgan's Theorem.

**Semester II**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Computer Science – Major) | PROGRAMMING METHODLOGY AND DATA STRUCTURE | |

**Course Learning Outcomes(CLO)**

On completion of this course, learners will be able to:
1. Develop simple algorithms and flow charts to solve a problem with programming using top down design principles.
2. Writing efficient and well-structured computer algorithms/programs.
3. Learn to formulate iterative solutions and array processing algorithms for problems.
4. Use recursive techniques, pointers and searching methods in programming.
5. Will be familiar with fundamental data structures, their implementation; become accustomed to the description of algorithms in both functional and procedural styles
6. Have knowledge of complexity of basic operations like insert, delete, search on these data structures.
7. Possess ability to choose a data structure to suitably model any data used in computer applications.
8. Design programs using various data structures including hash tables, Binary and general search trees, heaps, graphs etc.
9. Assess efficiency tradeoffs among different data structure implementations.
10. Implement and know the applications of algorithms for searching and sorting etc.
11. Know the contributions of Indians in the field of programming and data structures.

**CONTENT**

**Unit – 1**

**Introduction to Programming;-** Program Concept, Characteristics of Programming, Stages in Program Development, Algorithms, Notations, Design, Flowcharts, Types of Programming Methodologies

**Introduction to C++ Programming:-** Basic Program Structure In C++, Data Types, Variables, Constants, Operators and Basic I/O.

**Variables** - Declaring, Defining and Initializing Variables, Scope of Variables, Using Named Constants, Keywords, Casting of Data Types, Operators (Arithmetic, Logical and Bitwise). Using Comments in programs, Character I/O (gete, getchar, pute, putchar etc.). Formatted and Console I/O (printf(), scanf(), cin, cout). Using Basic Header Files (stdio.h. iostream.h. conio.h etc.)

**Simple Expressions in C++** (including Unary Operator Expressions, Binary Operator Expressions), Understanding Operators Precedence in Expressions

**Conditional Statements** if construct, switch-case construct.

**Unit – 2**

**Iterative Statements** while, do-while, and for loops, Use of break and continue in Loops, Using Nested Statements (Conditional as well as Iterative)

**Functions** Top-Down Design, Pre-defined Functions, Programmer- defined Functions, Local Variables and Global variables, Functions with Default Arguments, Call-By-Value and Call-By-Reference Parameters, Recursion.

**Introduction to Arrays** - Declaration and Referring Arrays, Arrays in Memory, Initializing Arrays. Arrays in Functions, Multi-Dimensional Arrays.

**Unit – 3**

**Structures** - Member Accessing. Pointers to Structures, Structures and Functions, Arrays of Structures.

**Unions** - Declaration and Initialization.

**Strings -** Reading and Writing Strings. Arrays of Strings. String and Function, Strings and Structure, Standard String Library Functions.

**Searching Algorithms -** Linear Search, Binary Search.

**File Handling** - Use of files for data input and output, merging and copying files.

**Unit- 4**

**Data Structure** - Basic concepts, Linear and Non-Linear data structures

**Algorithm Specification**-Introduction, Recursive algorithms, Data Abstraction, Performance analysis.

**Linked Lis**t - Singly Linked Lists, Operations, Concatenating, circularly linked lists-Operations for Circularly linked lists, Doubly Linked Lists- Operations.

**Array-**Representation of single, two dimensional arrays, sparse matrices-array and linked representations.

**Stack-** Operations, Array and Linked Implementations, Applications- Infix to Postfix Conversion, Postfix Expression Evaluation. Recursion

**Unit - 5**

**Queue** - Definition, Operations, Array and Linked Implementations. Xon Implementation. Circular Queue-Insertion and Deletion Operations, Dequeue (Double Ended Queue), Priority Queue-Implementation.

**Trees -** Representation of Trees, Binary tree. Properties of Binary Trees, Binary Tree Representations-Array and Linked Representations, Binary Tree Traversals. Threaded Binary Trees.

**Heap-** Definition, Insertion, Deletion.

**Unit -6**

**Graphs** - Graph ADT. Graph Representations, Graph Traversals, Searching

**Hashing-** Introduction, Hash tables, Hash functions, Overflow Handling.

**Sorting Methods-** Comparison of Sorting Methods,

**Search Trees –** Binary Search Trees, AVL Trees- Definition and Examples.

**Unit – 7**

**Indian Contribution to the field** : Innovations in India, origin of Julia Programming Language, Indian Engineers who designed new programming languages, open source languages. Dr. Sartaj Sahni-computer scientist - pioneer of data structures. Other relevant contributors and contributions.

**Suggestive list of practicals**

**1. Office Tools**

a. Using a Text Editor Tool

1. Create a document and apply different Editing options.

2. Create Banner for your college.

3. Design a Greeting Card using Word Art for different festivals.

4. Design your Bio data and use page borders and shading.

5. Create a document and insert header and footer, page title, date, time, apply various page formatting features etc.

6. Implement Mail Merge.

7. Insert a table into a document and try different formatting options for the table.

**b. Using a Spreadsheet Tool**

1. Design your class Time Table.

2. Prepare a Mark Sheet of your class result.

3. Prepare a Salary Slip of an employee of an organization.

4. Prepare a bar chart & pie chart for analysis of Election Results.

5. Prepare a generic Bill of a Super Market.

6. Work on the following exercises on a Workbook:

a. Copy an existing Sheet

b. Rename the old Sheet

c. Insert a new Sheet into an existing Workbook

d. Delete the renamed Sheet.

7. Prepare an Attendance sheet of 10 students for any 6 subjects of your syllabus. Calculate their total attendance, total percentage of attendance of each student & average of attendance.

8. Create a worksheet of Students list of any 4 faculties and perform following database functions on it.

a. Sort data by Name

b. Filter data by Class

c. Subtotal of no. of students by Class.

**c. Using a Presentation Tool**

1. Design a presentation of your institute using auto content wizard, design template and blank presentation.

2. Design a presentation illustrating insertion of pictures, Word Art and ClipArt.

3. Design a presentation, learn how to save it in different formats, copying and opening an existing presentation.

4. Design a presentation illustrating insertion of movie, animation and sound. 5. Illustrate use of custom animation and slide transition (using different effects).

6. Design a presentation using charts and tables of the marks obtained in class.

**II. Given the problem statement, students are required to formulate problem, develop flowchart/algorithm, write code in C++, execute and test it. Students should be given assignments on following:**

1. a. To learn elementary techniques involving arithmetic operators and mathematical expressions, appropriate use of selection (if, switch, conditional operators) and control structures

b. Learn how to use functions and parameter passing in functions, writing recursive programs.

2. Write a program to swap the contents of two variables.

3. Write a program for finding the roots of a Quadratic Equation.

4. Write a program to find area of a circle, rectangle, square using

5. Write a program to check whether a given number is even or switch case odd.

6. Write a program to print table of any number.

7. Write a program to print Fibonacci series.

8. Write a program to find factorial of a given number.

9. Write a program to convert decimal (integer) number into equivalent binary number.

10. Write a program to check given string is palindrome or not.

11. Write a program to perform multiplications of two matrices.

12. Write a program to print digits of entered number in reverse order.

13. Write a program to print sum of two matrices.

14. Write a program to print multiplication of two matrices.

15. Write a program to generate even/odd series from to 100.

16. Write a program whether a given number is prime or not.

17. Write a program for call by value and call by reference.

18. Write a program to generate a series 1+1/11+2/2+3/3!+-

-+n/n!

19. Write a program to create a pyramid structure

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20. Write a program to create a pyramid structure

21. Write a program to check entered number is Armstrong or not.

22. Write a program for traversing an Array.

23. Write a program to input N numbers, add them and find average.

24. Write a program to find largest element from an array.

25. Write a program for Linear search.

26. Write a program for Binary search.

27. Write a program for Bubble sort.

28. Write a program for Selection sort.

**Semester - I**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Forensic Science– Major) | Criminal Investigation and Law | FSM1 |

**Course Learningoutcome(CLO)**

**Learning Objectives:** After studying this paper the students will know the following:
a. The elements of crime and its types.
b. Police organization at National and State level.
c. Crime scene management protocol and its importance in criminal justice system.
d. Different law followed in criminal investigation.
e. After the successfully completing the course, student will be able to join police service, private detective or security agency or start his/her own investigative agency

**CONTENT**

**Unit - I**

**Crime:** Elements, nature, causes and consequences of crime. Definition, aims and scope of crime. Deviant behaviour, hate crimes, organized crimes and public disorder, domestic violence and workplace violence. Victimology, juvenile delinquency, social change and crime. Psychological disorders and criminality, situational crime prevention.

**Unit - II**

**Police Organization and FIR:**

**State Police Forces:** State armed police forces, Home guards, Traffic Police, CID, STF, community policing.

**Central armed police forces-**BSF, CRPF, CISF, ITBP, NSG, Assam Rifle,

**Central Investigation:** CBI, IB, NIA, RAW, Narcotic Control Bureau, National Police Academy, BPR&D, NCRB - Research & Training etc.

**Investigation:** FIR, case diary, Interrogation of suspects, Interview of witnesses, cognizable and non-cognizable offences, compoundable and non-compoundable offences. Police custody & judicial custody,bailable and non-bailable offences, procedure of filing charge sheet.

**Unit - III**

**Scene of Crime:**

Introduction to crime scene, classifications of crime scenes securing and isolating the crime scene, role of the first responding officer, crime scene communication, legal implications for crime scene searches. Plan of action, note taking, crime scene search and photography, types of cameras, number of photographs, admissibility of photographs, videography of the crime scene.

**Unit - IV**

**Indian Penal Code (1860):** Pertaining to offences against persons Sections 121A, 299, 300, 302,304A, 304B, 307, 309, 319, 320, 324, 326, 351, 354, 359, 362. Sections 375, 376 & 377 and their amendments.

**IPC (1860) -** Pertaining to offences against property sections - 378, 383, 390, 391, 405,415, 420, 441, 463, 497, 498A, 499, 503, 511.

**Unit - V**

**Criminal procedure Code and Indian Evidence Act: Criminal Procedure Code (1973):** Introduction and general idea of sections: 291-93, 154, 155, 156, 157, 158, 159, 160, 161, 162, 172, 173, 174, 175, and 176.

**Indian Evidence Act (1872) -** Evidence and rules of relevancy in brief. Expert witness, Cross Examination and Re-examination of witnesses, Sections 32, 41, 45, 46, 47, 57, 58, 60, 73, 114(A) 135, 136, 137, 138, 141.

**Practicals -**

1. Demonstration of crime scene management
2. Rough and final sketch of scene of crime
3. Photography of scene of crime through digital camera
4. Zonal method for searching of physical evidences at scene of crime
5. Spiral method for searching of physical evidences at scene of crime
6. Grid and strip method for searching of physical evidences at scene of crime
7. Wheel method for searching of physical evidences at scene of crime
8. Line method for searching of physical evidences at scene of crime
9. Sketching of outdoor scene of crime of homicide and suicide
10. Sketching of outdoor scene of crime of accidental case

11. Sketching of indoor scene of crime of theft, dacoity and robbery

12. Sketching of indoor scene of crime of suicide and murder

**Semester - II**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| **B.Sc. (Forensic Science–Major)** | **Introduction to Forensic Science and Criminalistics** | **FSM1** |

**Course Learning outcomes (CLO)**

Learning Objectives: After studying this paper the students will know the following
a. Organizational setup of forensic science laboratories in India.
b. The methods of securing, searching and documenting crime scenes.
c. Importance of physical evidence in criminal investigation.
d. The art of collecting, packaging and labeling and forwarding different types of physical and trace evidence at crime scenes.
e. After the successfully completing the course, student will be able to join forensic science laboratory, police service, private detective or security agency or start his/her own investigative agency.

**CONTENT**

**Unit - I**

**Forensic Science:**

Forensic Science in India: History, organizational set up of forensic science laboratories, hierarchical set up of CFSL, State FSL, GEQDs, Finger print bureaus, LNJPNNICFS, Directorate of forensic science, mobileforensic laboratories. Police services at forensic laboratories.Qualifications, duties and code of conduct of forensic scientists at forensic science laboratory.

**Unit - II**

**Search and seizure:**

Section 42, 43, 44, 45, 50, 53, 57 and 58 of criminal procedure code.

**Physical Evidence -** Definition, classification of physical evidences- on the basis of class, nature and size, different search methods for physical evidences, collection, preservation, packaging, labelling, sealing and forwarding of physical evidences, chain of custody.

**Unit - III**

**Searching, Collection, Packing, Labeling and Forwarding of Biological Evidences from Scene of Crime:** Human or animal blood, dry and wet blood, Semen on undergarments, body or any other surfaces, Saliva sample in cigarette buds, cup or glass, bottles, bite marks, etc. Vomit on cloths or any other surfaces, stomach wash, tears, nails, viscera including preservation and amount of organ, hair & fiber, botanical materials, etc.

**Unit - IV**

**Searching, Collection, Packing, Labeling and Forwarding of Chemical and Toxicological Evidences from Scene of Crime:** Cement, mortar & concrete, explosives material on various exhibits, and Arson evidence including charred materials, wood, paper etc. Petroleum products, drugs and poisons, viscera for toxicological analysis, blood for drug and poison analysis, urine for drug and poison analysis etc

**Unit - V**

**Searching, Collection, Packing, Labeling and Forwarding of evidence related to physics and other impression from Scene of Crime:** Soil or dust & paint chips, glass, fractured glass, coloured glass, tool marks, skid marks and tyre marks on various surfaces, Digital evidences, fingerprints (visible, latent and plastic), footprints, documents, weapon, fire arme bullet cartridge case etc

**Practicals -**

1. Collection, packing, labelling & forwarding of the physical evidences associated with biological fluids and wet exhibits

2. Collection, packing, labelling & forwarding of the physical evidences of soil / dust and glass materials

3.Collection, packing, labelling & forwarding of the physical evidences of hair and fibre of human or animal origin

4. Collection, packing, labelling & forwarding of the physical evidences of liquid materials and pharmaceutical products/drugs of abuse

5. Collection, packing, labelling & forwarding of the physical evidences of botanical material including plant parts or diatoms

6. Collection, packing, labelling & forwarding of the physical evidences of shell case/cartridge/bullet/pellets

7. Collection, packing. labelling & forwarding of the physical evidences of charred documents, questioned documents etc.

8. To know the basic steps of crime scene management followed by an investigator

9. Preliminary examination of arson evidences

10. Preliminary examination of toxicological evidences.

11. reliminary examination of blood stains found on different surfaces like wall, glass, clothes and soil etc.

12. Preliminary examination of evidences found in case of vitriolage

**SEMESTER–I**

| BRANCH | SubjectTitle | SubjectCode |
|---|---|---|
| B.Sc.(Mathematic–Major) | ALGEBRA,VACTORANALYSISAND GEOMETRY | MAM1 |

**Learningoutcomes:-**

Thecoursewillenablethestudentsto:

1. Recognizeconsistentandinconsistentsystemsoflinearequationsbytherowechelonformofthe augmented matrix, using the rank of matrix.

2. TofindtheEigenvaluesandcorrespondingEigenvectorsforasquarematrix.

3. Usingtheknowledgeofvectorcalculusin geometry

4. Enhancetheknowledgeofthreedimensionalgeometricalfigures(eg,coneandcylinder).

**Unit-1**

Historicalbackground:

1.1.1 DevelopmentofIndianMathematics:LaterClassicalPeriod(500-1250)

1.1.2 AbriefbiographyofVarahamihiraandAryabhatta

1.2 RankofaMatrix

1.3 EchelonandNormalformofamatrix

1.4 Characteristicequationsofamatrix

1.4.1 Eigen-values

1.4.2 Eigen-vectors

**Unit-2**

2.1 CayleyHamiltontheorem

2.2 ApplicationofCayleyHamiltontheoremtofindthe inverseofamatrix. 2:3

Application of matrix to solve a system of linear equations

2.4 Theoremsonconsistencyandinconsistencyofasystemoflinearequations

2.5 Solvinglinearequationsuptothreeunknowns

**Unit-3**

3.1 ScalarandVectorproductsofthreeandfour vectors

3.2 Reciprocalvectors

3.3 Vectordifferentiation

3.3.1 Rulesofdifferentiation

3.3.2 DerivativesofTripleProducts

3.4 Gradient,DivergenceandCurl

3.5 Directionalderivatives

3.6 VectorIdentities.

3.7 VectorEquations

**Unit-4**

4.1 VectorIntegration

4.2 Gausstheorem(withoutproof)andproblemsbasedon it

4.3 Greentheorem(withoutproof)andproblemsbasedon it

4.4 Stoketheorem(withoutproof)andproblemsbasedon it

**Unit-5**

5.1 Generalequationofseconddegree

5.2 Tracingofconics

5.3 Systemofconics

5.4. Cone

5.4.1 Equationofconewithgivenbase

5.4.2 Generatorsofcone

5.4.3 Conditionforthreemutuallyperpendiculargenerators

5.4.4 Rightcircular cone

5.5 Cylinder

5.5.1 Equationofcylinderanditsproperties

5.5.2 RightCircularCylinder

5.5.3 EnvelopingCylinder

**SEMESTER-2**

| BRANCH | SubjectTitle | SubjectCode |
|---|---|---|
| B.Sc.(Mathematic–Major) | CALCULASANDDIFFERENTIAL EQUATIONS | |

Courselearningoutcomes:-

Thecoursewillenablethestudentsto:

1. SketchcurvesinaplaneusingitsMathematicalpropertiesinthedifferentcoordinatesystemsof reference.

2. UsingthederivativesinOptimization,Socialsciences.PhysicsandLifesciences etc.

3. FormulatetheDifferentialequationsforvariousMathematicalmodels.

4. Usingtechniquestosolveandanalyzevarious Mathematicalmodels.

**Unit-1**

1.1 Historicalbackground:

1.1.1 DevelopmentofIndianMathematics:AncientandEarlyClassicalPeriod(till500CE)

1.1.2 AbriefbiographyofBhaskaracharya(withspecialreferencetoLilavati)andMadhava

1.2 Successivedifferentiation

1.2.1 Leibnitztheorem

1.2.2 Maclaurin'sseriesexpansion

1.2.3 Taylor'sseriesexpansion

1.3 PartialDifferentiation

1.3.1 Partialderivativesofhigherorder

1.3.2 Euler'stheoremonhomogeneousfunctions

1.4 Asymptotes

1.4.1 Asymptotesofalgebraiccurves

1.4.2 ConditionforExistenceofAsymptotes

1.4.3 ParallelAsymptotes

1.4.4 Asymptotesofpolarcurves

**Unit-2**

2.1 Curvature

2.1.1 FormulaforradiusofCurvature

2.1.2 Curvatureatorigin

2.1.3 CentreofCurvature

2.2 ConcavityandConvexity

2.2.1 ConcavityandConvexityofcurves

2.2.2 PointofInflexion

2.2.3 Singularpoint

2.2.4 Multiplepoints

2.3 Tracingofcurves

2.3.1 CurvesrepresentedbyCartesianequation

2.3.2 CurvesrepresentedbyPolarequation

**Unit-3**

3.1 Integrationoftranscendentalfunctions

3.2 IntroductiontoDoubleandTripleIntegral

3.3 Reductionformulae

3.4 Quadrature

3.4.1 ForCartesiancoordinates

3.4.2 ForPolar coordinates

3.5 Rectification

3.5.1 ForCartesiancoordinates

3.5.2 ForPolar coordinates

**Unit-4**

4.1 Lineardifferentialequations

4.1.1 Linearequation

4.1.2 Equationsreducibletothelinearform

4.1.3 Changeofvariables

4.2 Exactdifferentialequations

4.3 Firstorderandhigherdegreedifferentialequations4.3.1Equationssolvableforx,yandp

4.3.2 Equationshomogenousinxandy

4.3.3 Clairaut'sequation

4.3.4 Singularsolutions

4.3.5 Geometricalmeaningofdifferentialequations

4.3.6 Orthogonaltrajectories

**Unit-5**

5.1 Lineardifferentialequationwithconstantcoefficients

5.2 Homogeneouslinearordinarydifferentialequations.

5.3 Lineardifferentialequationsofsecondorder

5.4 Transformationofequationsbychangingthedependent/independentvariable

5.5 Methodofvariationofparameters.

**Semester – I**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (MICROBIOLOGY – MAJOR) | GENERAL MICROBIOLOGY AND CELL STRUCTURE | MBM1 |

**Course Learning Outcomes (CLO) -**

1. After completing this course in Microbiology, a student shall have understanding of -
2. Indian traditional knowledge and historical background of Microbiology.
3. Structure and transmission of Viruses.
4. Cell structures and cell organization of bacteria.
5. Different kinds of unicellular prokaryotic and eukaryotic microorganisms based on specific characteristics.
6. General characteristics of important Eubacteria.

**CONTENT**

**Unit - I**

**1. The Microbial World**

1.1 Indian traditional knowledge and global historical background of Microbiology.

1.2 Theory of Biogenesis, Germ theory of disease, Fermentation.

**1.3 Significance of microbiology-**

(a) Branches of microbiology

(b)Thrust area of microbiology- Genetic engineering and Biotechnology.

1.4 **Contribution** of following scientists in the field of microbiology - Louis Pasteur, Robert Koch, Edward Jenner, Alexander Fleming, Joseph Lister, Serge N. Winogradsky, Martinus Willem Beijerink, Dmitrii Ivanowsky, Wendell M. Stanley and Hans Christian Gram.

**Unit - II**

**Acellular and Prokaryotic Microorganisms**

**2.1** Virus - General characters of following viruses - Bacteriophage (T4 and λ phage), Plant viruses (TMV), Prions and Viroids.

**2.2 Whittaker's System** of Five Kingdom Classification: Monera, Protista, Fungi, Plantae and Animalia.

**2.3 Carl Woese's** Three Domain System of Classification: Archaea, Eubacteria, and Eukaryotes.

**2.4 Bacteria -** Study of Spirochete, Rickettsia, Chlamydia, Mycoplasma and Actinomycetes.

**2.5 Cyanobacteria -** Study of Anabaena and Spirulina.

**Unit - III**

**Eukaryotic Microorganisms**

**3.1 Basic knowledge** of Eukaryotic organisms and their evolutionary pattern.

**3.2 Fungi -**Study of Saccharomyces cerevisiae, Mucor, Aspergillus, Rhizopus and Penicillium.

**3.3 Protozoa -** Study of Euglena, Trypanosoma, Leishmania, Amoeba, Entamoeba and Plasmodium.

**Unit - IV**

**Introduction to Microbial Cell Structure**

**4.1 Study of Bacteria -** Size, shape and arrangement of bacterial cells.

**4.2 Structures External to Plasma Membrane-**Glycocalyx (capsule, slime layer), flagella, fimbrae, stalk, prostheca and cell wall of Gram +ve and Gram-ve bacteria.

**4.3 Structures Internal to Cell wall-**Cell membrane, cytoplasm, cytoplasmic inclusions, genome, spores and cysts.

**4.4 Reproduction in Bacteria-**Binary fission, budding and fragmentation.

**Practical Course**

1. Isolation of autotrophic bacteria and Cyanobacteria, Rhizobia from root nodules

2. Isolation of lactobacillus from curd.

3. Isolation of yeast from ripened fruits.

4.Preparation of temporary wet mount and microscopic examination of Mucor, Aspergillus, Rhizopus and Penicillium.

5. Preparation of smear and microscopic examination of Staphylococcus, Lactobacillus Escherichia Vibrio and Leptospira.

6. Preparation of temporary wet mount and microscopic examination of Amoeba, Euglena, Paramaecium and Chlamydomonas.

7. Study of the structure of important animal viruses (rhabdo, influenza, paramyxo, hepatitis B and retroviruses) using electron micrographs.

8. Study of the structure of important plant viruses (caulimo, Gemini, tobacco ring spot, cucumber mosaic and alpha-alpha mosaic viruses) using electron micrographs.

9. Study of the structure of important bacterial viruses (6X174, T4, A phage) using electron micrograph.

10. Any other experiment may be designed on the basis of theoretical aspects.

**Semester – II**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Microbiology – Major) | MICROBIAL TECHNIQUES | |

**Course Learning Outcomes (CLO) -**

After completing this course in Microbiology, a student shall have understanding of -
- Recall the basic lab glassware to be used in the laboratory.
- Summarize different methods of sterilization and isolation of pure cultures.
- Understand the working of different kinds of instruments and microscopes.
  Apply serial dilution technique to isolate the bacteria.
- Practice different methods to culture bacteria in the laboratory
- Illustrate a method to differentiate between Gram positive and Gram negative bacteria.

**CONTENT**

**Unit - I**

**Microscopy and Staining**

**1.1 Microscopy -** Principles and applications of simple and compound Bright-field microscopy, Dark-field microscopy, Fluorescence microscopy, Phase-contrast microscopy, Transmission electron microscopy and Scanning electron microscopy.

**1.2 Preparation for Light Microscope Examination -** Wet- mount and hanging-drop techniques.

(iii). Preparation for smear and fixation.

**1.3 Staining -** Principles of staining, negative staining, simple staining, differential staining (Gram and acid fast staining), flagella staining, capsule and endospore staining.

**Unit - II**

**Instruments**

Electronic Balance, Autoclave, Centrifuge, Colony counter, Deep freezer, Homogenizer, Hot air Oven, Incubator, Laminar air flow, Magnetic stirrer, pH Meter, Spectrophotometer, Vortex mixture, Water bath, Water distiller, Chromatography Chambers, Anaerobic chamber and Electrophoresis apparatus.

**Unit - III**

**Sterilization and Culture Medium**

**3.1 Physical methods of sterilization -** Dry heat, Moist heat, Filtration and Incineration.

**3.2 Chemical methods of sterilization -** Phenol and phenolic compounds, Alcohol, Halogens and Detergents.

**3.3 Types of culture media -**Natural, synthetic, complex, enriched and selective. Anaerobic (Thioglycolate broth, Robertson's media, Microaerophilic), broth culture of aerobic bacteria.

**Unit - IV**

**Isolation, Cultivation and Preservation**

**4.1 Natural microbial population -** Pure culture.

**4.2 Isolation of microbial population -** From air, water and soil.

**4.3 Methods for isolation** - Streak plate, Pour plate and Spread plate. Serial dilution and Micromanipulator methods. Cultivation on liquid and solid media. Isolation of microorganisms on potato slice and bread.

**4.4 Maintenance and preservation** for short term and long term.

**4.5 Cultivation** of anaerobic bacteria and accessing non- cultivable microorganisms.

**Part B-Content of Practical Course**

1. Demonstration and briefing about principles and working of basic instruments.

2. Basic media preparation technique, autoclaving, cleaning and sterilization of glassware.

3. Preparation of liquid culture media - Peptone water, nutrient broth

4. Preparation of solid culture media - Nutrient agar (agar slant/ agar plate)

5. Isolation of microbes from water, soil and air by serial dilution agar plating method.

6. Isolation of fungi from water, soil and air by serial dilution agar plating method.

7. Isolation of microorganisms by pour plate method.

8. Isolation of microorganisms by streak plate method.

9. Isolation of microorganisms by spread plate method.

10 Any other experiment may be designed on the basis of theoretical aspects.

**Semester – 1**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Physics – Major) | THERMODYNAMICS AND STATISTICAL PHYSICS | PYM1 |

**Course Learning Outcomes (CLO)**

1. The course would enable the students to understand the basic Physics of heat and temperature in relation to energy, work, radiation and matter.
2. The students are expected to learn that "how laws of thermodynamics are used in a heat engine to transform heat into work".
3. This course will also develop an understanding of the various concepts of statistics and the methods to apply them in thermodynamics.
4. Students will understand the importance of studying statistical mechanics with the behavior of particles under classical and quantum conditions.

**CONTENT**

**Unit - 1**

**Historical background & Laws of thermodynamics**

**1. Historical background:**

1.1.A brief historical background of thermodynamics and statistical Physics in the context of India and Indian culture, Contribution of S. N. Bose in statistical Physics.

**2. Laws of thermodynamics:**

2.1. Thermodynamical system and thermodynamical coordinates, Thermal equilibrium, Zeroth law of thermodynamics, The concept of path function and point function, Work done by and on the system.

2.2. First law of thermodynamics, Internal energy as a state function, Reversible and irreversible change, Heat engine and its efficiency, Carnot's cycle, Carnot's engine and its efficiency, Camot's theorem, Otto engine, Otto cycle, diesel engine.

2.3. Second law of thermodynamics, Statement of Kelvin- Plank and Clapeyron, Absolute scale of temperature: Zero of absolute scale, Size of degree, Identity of a perfect gas scale and absolute scale.

**Unit - 2**

**Entropy**

1. Concept of entropy, Clausius theorem, Entropy as a point function, Change in entropy in reversible and irreversible processes.

2. Change in entropy of an ideal gas, Change in entropy when two liquids at different temperatures are mixed (or two bodies at different temperatures are kept in contact).

3. Principle of increase of Entropy, Change in entropy of the universe in an irreversible process, Disorder and heat death of universe.

4. Physical significance of Entropy, Temperature - entropy (T-S) diagram, third law of thermodynamics.

**Unit - 3**

**Thermodynamic potentials and kinetic theory of gases**

**1. Thermodynamic potential and its application:**

1.1. Thermodynamic potentials, Thermal equilibrium, Internal energy, Helmholtz free energy, Enthalpy and Gibbs free energy.

1.2. Derivation of Maxwell's relations from thermodynamic potentials, Gibbs Helmholtz equation, Thermodynamic energy equation for ideal and van der Waal gas.

1.3. TdS equation, Derivation of expressions for Cp-Cy and their special cases for ideal and van der Waal gases, derivation of the expression Es/E Cp / Cv.

1.4. Clausius Clapeyron latent heat equation, Temperature change in adiabatic process, Principle of refrigeration, Joule Thomson effect, Cooling by adiabatic demagnetization, Production and measurement of very low temperatures.

**2. Kinetic theory of gases:**

2.1. Behavior of a real gas and its deviation from an ideal gas, Virial equation, Andrews experiment on CO2 gas.

2.2. Critical constant, continuity of the liquid and gaseous state, Vapour and gas state, Boyle temperature, van der Waals equation for real gas, Values of critical constants, Law of the corresponding state.

**Unit - 4**

**Classical Statistics**

1. Probability, Distribution of N particles in two identical boxes, Probability of occurrence of either event, probability of composite events, Weightage probability.

2. Probability distribution and its lnarrowing with the increase in number of particles, Expression for average properties, constraints, Accessible and non-accessible microstates.

3. Ensemble theory (Micro-canonical, Canonical and Grand- canonical), Macro and micro states with examples, Principle of equal a prior probability, Concept of phase space.

4. Boltzmann Canonical distribution law Application: average energy of one-dimensional harmonic oscillator,

5. Derivation of law of equipartition of energy from statistics, Equilibrium between two system in thermal contact and parameter, Statistical Interpretation of entropy and relation S=k logW.

6. Boltzmann partition function and derivation of expression for Internal energy, Helmholtz free energy, Enthalpy and Gibbs free energy.

**Unit - 5**

**Quantum Statistics**

1. Indistinguishability of particles and its consequences, Maxwell Boltzmann statistics (Classical statistics): Maxwell- Boltzmann distribution law of velocity and speed, Maxwell - Boltzmann statistics and its distribution law.

2. Quantum statistics: Bose-Einstein statistics and distribution law, Derivation of Planck's radiation law from B-E statistics, Rayleigh -Jeans law, Wein's displacement law and Stefan's law.

3. Fermi Dirac statistics and its distribution law, Explanation of free electron theory, Fermi level and Fermi energy.

4. Comparison between the Maxwell Boltzmann, Bose- Einstein and Fermi - Dirac statistics.

**Topic PRACTICAL**

1. Determination of the mechanical equivalent of heat by Callendar & Barne's method

2. Determination of efficiency of electrical Kettle with variable voltages

3. Determination of temperature coefficient of a resistance using platinum resistance thermometer.

4. Determination of electromotive force of a thermocouple

5. Determination of thermal conductivity of a bad conductor by Lee's disc method.

6. Verification of Newton's law of cooling

7. Determination of the ratio of specific heat of air by Clement- Desorme's method.

8. Determination of specific heat of a liquid with the help of Newton's law of cooling

9. Determination of the coefficient of thermal conductivity of a metal by Searl's method.

10. Determination of thermal conductivity of the rubber using calorimeter.

11. Determination calorimeter. of mechanical equivalent of heat (J) using Joule calorimeter.

12. Determination of Stefan's constant using thermocouple.

13. Study of statistical distribution and determination of standard deviation with the help of black and white dice.

14. Determination of the temperature coefficient of a resistance with the help of Carey-Foster bridge.

15 Determination of the critical constant of a gas/vapour.

**Semester 2**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Physics – Major) | MECHANICS AND GENERAL PROPERTIES OF MATTER | |

**Course Learning outcomes**

1. The course would empower the students to develop the idea about the behavior of physical bodies.
2. It will provide the basic concepts related to the motion of all the objects around us in daily life.
3. The students would be able to build foundation to various applied field in science and technology especially in the field of mechanical engineering.
4. The students will acquire the knowledge of basic mathematical methods to solve the various problem in physics.
5. The students will be able the understand the relativistic effect and the relation between energy and mass.

**CONTENT**

**Unit - 1**

**Historical background and Mathematical Physics**

**1. Historical background:**

1.1. A brief historical background of mathematics and mechanics in the context of India and Indian culture.

1.2. A brief biography of Varahamihira and Vikram Sarabhai with their major contribution to science and society.

**Mathematical Physics:**

2.1. Scalar and vector fields, Gradient of a scalar field and Its physical significance.

2.2. Vector integral: line Integral, surface integral and volume integral, Divergence of a vector field and its physical significance, Gauss divergence theorem.

2.3. Curl of a vector field and its physical significance, Stokes and Green's theorem, Numerical problems based on the above topics.

**Unit - 2**

**Mechanics of Rigid and deformable bodies**

1.1. System of particles and concept of Rigid body, Torque, centre of mass: position of the centre of mass, Motion of the centre of mass, Conservation of linear & angular momentum with examples, Single stage and multistage rocket.

1.2. Rotatory motion and concept of moment of inertia, Theorems on moment of inertia: theorem ofaddition, theorem of perpendicular axis, theorem of parallel axis, Calculation of moment of inertia ofrectangular lamina, disc, solid cylinder, solid sphere.

**2. Mechanics of deformable bodies:**

2.1. Hook's law, Young's modulus, Bulk modulus, Modulus of rigidity and Poisson's ratio, Relationship between various elastic moduli.

2.2. Possible values of Poisson's ratio, Finding Poisson's ratio of rubber in the laboratory, Torsion of a cylinder, Strain energy of twisted cylinder.

2.3. Finding the modulus of rigidity of the material of a wire by Barton's method, Torsional pendulum and Maxwell's needle, Searl's method to find Y, and or of the material of a wire, Bending of beam, Cantilever, Beam supported at its ends and loaded in the middle.

**Unit - 3**

**Fluid mechanics**

**1. Surface Tension:**

1.1. Inter-molecular forces and potential energy curve, force of cohesion and adhesion.

1.2. Surface tension, Explanation of surface tension on the basis of intermolecular forces, Surface energy, Effect of temperature and impurities on surface tension, Daily life application of surface tension.

1.3. Angle of contact, The pressure difference between the two sides of a curved liquid surface, Excess pressure inside a soap bubble, Capillarity, determination of surface tension of a liquid capillary rise method, Jaeger's

**2. Viscosity:**

2.1. Ideal and viscous fluid, Streamline and turbulent flow, Equation of continuity, Rotational and Irrotational flow, Energy of a flowing fluid, Euler's equation of motion of a non-viscous fluid and its physical significance

2.2. Bernoulli's theorem and its applications (Velocity of efflux, shapes of wings of airplane, Magnus effect, Filter pump, Bunsen's burner).

2.3. Viscous flow of a fluid, Flow of liquid through a capillary tube, Derivation of Poiseuille's formula and limitations, Stocks formula, Motion of a spherical body falling in a viscous fluid.

**Unit - 4**

**Gravitational potential and Central forces**

**1. Gravitational potential:**

1.1. Conservative and non-conservative force field, Conservation of energy in motion under the conservative and non-conservative forces, Potential energy.

1.2. Conservative force, Conservation of energy, Gravitational potential and gravitational potential energy, Gravitational potential and intensity of gravitational field due to a uniform spherical shell and a uniform solid sphere.

1.3. Gravitational self-energy, Gravitational self-energy of a uniform spherical shell and a uniform solid sphere.

**2. Central forces:**

2.1. Motion under Central forces, Conservative characteristics of central forces.

2.2. The motion of a two particles system in Central force, Concept of reduced mass, Reduced mass of positronium and hydrogen. 2.3.Motion of particles in an inverse-square central force, Motion of celestial bodies and derivation of Kepler's laws,

2.4.Elastic and inelastic scattering (elementary idea).

**Unit - 5**

**Relativistic Mechanics and Astrophysics**

**1. Relativistic Mechanics:**

1.1. Frame of references, Galilean transformation, Michelson -Morley experiment.

1.2. Postulates of special theory of relativity, Lorentz, Transformation, Simultaneity and order of events, Length contraction, Time dilation, Relativistic transformation of velocities, Variation of mass with velocity.1.3. Mass-energy equivalence and its experimental verification.

**2. Astrophysics:**

2.1. Introduction to the Universe, Properties of the Sun, Concept of Astronomical Distance

2.2. Life cycle of a stars, Chandrasekhar Limit, H-R diagram, Red giant star, White dwarf star, Neutron star, Black hole,

2.3. Big Bang Theory (elementary Idea).

**PRACTICAL**

1. Determination of Young's modulus, modulus of rigidity and Poisson's ratio of material of a wire using Searle's method.
2. Determination of Young's modulus of material of a metallic bar by bending of beam method.
3. Determination of acceleration due to gravity (g) using Bar pendulum.
4. Determination of acceleration due to gravity (g) using Kater's reversible pendulum.
5. Determination of modulus of rigidity of a rod with the help of Barton's apparatus
6. Determination of coefficient of viscosity of liquid using Poiseuille's method.
7. Determination of the moment of inertia of a flywheel about its axis of rotation.
8. Determination of the moment of inertia of a given body (Irregular body) with the help of inertia table.
9. Verification of laws of the parallel/perpendicular axes of moment of inertia
10. Determination of modulus of rigidity of material of a wire with the help of Maxwell's needle.
11. Determination of Young's Modulus of a material of a rod using the cantilever method
12. Determination of modulus of rigidity of material of a wire with the help of torsional pendulum.
13. Determination of force constant of a spring.
14. Determination of Poisson's ratio of rubber.
15. Determination of surface tension of a liquid by Jaeger's method.

**Semester-I**

| BRANCH | SubjectTitle | SubjectCode |
|---|---|---|
| B.Sc.(Zoology–Major) | ANIMALDIVERSITY:NON-CHORDATA | ZOM1 |

**Courselearningoutcomes:**

1. Learn about the importance of systemic, taxonomy and phylogeny to get a concrete idea of evolution of non-chordate phyla.
2. Understand the various morphological,anatomicalstructuresandfunctions ofanimals ofdifferent phyla.
3. Get the knowledge about economic, ecological and medical significance of various animals in human welfare.
4. Understandtheimportantparasitesandtheircontrolmeasures.

**CONTENT**

**Unit-1**

**Taxonomy,PhylogenyandProtozoa**

**1. Taxonomy**

1.1 ElementaryknowledgeofZoologicalNomenclatureandInternationalCode

1.2 ClassificationofAnimalKingdomuptoPhylumofacoelomateandcoelomatenon-chordates according to Parker and Haswell 7th edition

**2. Phylogeny**

2.1 DefinitionandExamples

**3. Protozoa**

3.1 PhylumProtozoa:Generalcharactersofthephylumandoutlineclassificationuptoclasseswith distinctive characters and suitable examples

3.2 Structure,lifehistoryandpathogenicityofmalarialparasite(Plasmodiumvivax)

3.3 Protozoaanddisease

**Unit-2**

**Porifera,Coelenterata**

**1. Porifera**

1.1 PhylumPorifera:Generalcharactersofthephylumandoutlineclassificationuptoclasseswith distinctive characters and suitable examples

1.2 Typestudyof Sycon

1.3 Canalsystemof Sponges

**2. Coelenterata**

2.1 PhylumCoelenterata:Generalcharactersofthephylumandoutlineclassificationuptoclasseswith distinctive characters and suitable examples

2.2 TypeStudyofObelia

2.3 CoralsandCoralreefformatiom

**Unit-3**

**Platyhelminthes,Nemathelminthes,annelida**

**1. Platyhelminthes**

1.1 PhylumPlatyhelminthes:Generalcharactersofthephylumandoutlineclassificationuptoclasses with distinctive characters and suitable examples

1.2 ExternalmorphologyandlifehistoryofLiverfluke

**2. Nemathelminthes**

2.1 PhylumNemathelminthes:Generalcharactersofthephylumandoutlineclassificationuptoclasses with distinctive characters and suitable examples

2.2 PathogenicsymptomsofNematodesanddiseases

**3. Annelida**

3.1 PhylumAnnelida:GeneralCharactersofthephylumandoutlineclassificationuptoclasseswith distinctive characters and suitable examples

3.2 TypestudyofEarthworm (Pheretima)

3.3 StructureandsignificanceofTrochophorelarva

**Unit-4**

**Arthropoda,Mollusca**

**1. Arthropoda**

1.1 Phylum Arthropoda: General Characters of the phylum and outline

classificationuptoclasseswithdistinctivecharactersandsuitableexamples

1.2 Typestudyof Prawn

1.3 Larvalformsofcrustacea

1.4 Insectsasavectorofhumandisease

**2. Mollusca**

2.1 PhylumMollusca:Generalcharactersofthephylumandoutlineclassificationuptoclasseswith distinctive characters and suitable examples

2.2 TypestudyofPila

2.3 StructureandSignificanceofGlochidium larva

**Unit-5**

**Echinodermata,Hemichordata**

**1. Echinodermata**

1.1 PhylumEchinodermata:Generalcharactersofthephylumandoutlineclassificationuptoclasses with distinctive characters and suitable examples

1.2 ExternalfeaturesandwatervascularsystemofStarfish(Asterias)

1.3 LarvalformsofEchinodermata

**2. Hemichordata**

2.1 PhylumHemichordata:Generalcharactersofthephylumhemichordateandrelationshipwithnon-chordates and chordates

2.2.Balanoglossus-Externalmorphology

2.3StructureandsignificanceofTornaria larva

**PRACTICALS:-**

**Topics**

1. Studyofmuseumspecimensandslidesrelevanttotheinvertebrates.

2. Dissection(DemonstrationOnly-ThroughYouTubeVideoorModels

a. Earthworm-Digestivesystem,Nervoussystem,ReproductivesystemorCharts)

b. Prawn-Nervoussystemandappendages

c. Pila-NervousSystem

d. Cockroach-DigestiveSystem,NervousSystem(Easilyavailableanimalinresidentialareaswhichcan be used for dissection and mounting)

3. Mounting

a. Locallyavailablesmallnon-chordates,theirlarvae

b. MouthPartsofInsects

4. Examinationofpondwaterforstudyofdifferentkindsofmicroscopicnon-chordateorganisms

5. EconomicImportanceofanytwo Insects

6. ParasiticAdaptationofanyoneparasite.

**SemesterII**

| BRANCH | SubjectTitle | SubjectCode |
|---|---|---|
| B.Sc.(Zoology–Major) | CELL BIOLOGY, REPRODUCTIVE BIOLOGYANDDEVELOPMENTAL BIOLOGY | |

**CourseLearningoutcomes(CLO)**

1. Developdeeperunderstandingofwhatlifeisandhowitfunctionsatcellularlevel
2. UnderstandthenatureandbasicconceptsofCellbiology,ReproductiveandDevelopmentalbiology
3. Understandstructureandfunctionsofcellmembraneandcellularorganelles
4. Understandtheimportanceoflatestreproductivetrends,reproductivetechniquestobeappliedfor human welfare.
5. Understandthegeneralpatternsandsequentialdevelopmentalstagesduringembryogenesis;and understand how the developmental processes lead to establishment of body plan of multi-cellular organisms.
6. Understandabouttheevolutionarydevelopmentofvariousanimals.

**Unit-I**

**CellBiology**

1.1 ConceptofProkaryoticandEukaryoticCells,differencebetweenProkaryoticandEukaryoticCells

1.2 StructureandfunctionsofPlasmamembrane

1.3 StructureandfunctionsofGolgibody,Mitochondria,Endoplasmicreticulum,Ribosomeand Lysosome

1.4 StructureandfunctionsofNucleus

1.5 StructureandfunctionsofChromosomeandspecialtypeofchromosomes-LampbrushandPolytene chromosome

1.6 Cellcycle,MitoticandMeioticcelldivisionandtheir significance

**Unit-II**

**ReproductiveBiology**

1.1 StructureofMalereproductivesystemofLepus

1.2 StructureofFemalereproductivesystemofLepus

1.3 HistologyofTestis,andOvaryof Lepus

1.4 Gametogenesis-Spermatogenesisandoogenesis,differencebetweenspermatogenesisand oogenesis

1.5 TypesofEggs-basedonamountanddistributionofyolkwith examples

**Unit-III Recent**

**Assisted Reproductive Techniques (ART)**

1.1 Stemcell-Typesandtheiruses

1.2 Genebank,Spermbank,Superovulation,Cryopreservation

1.3 InVitroFertilization(IVF)andEmbryoTransfer(ET)),ZygotebIntraFallopianTransfer(ZIFT), Intracytoplasmic Sperm Injectionb(ICSI)

1.4 Placentation-Types,examplesandfunctions

1.5 PlacentaBanking-Placentapreservationbenefits

**Unit-IV**

**DevelopmentalBiology**

1.1 Fertilization

1.2 Embryonicdevelopmentoffroguptotheformationofthreegerminallayers

1.3 Fatemapconstructionin frog

1.4 MetamorphosisofTadpoleLarva

1.5 Parthenogenesis

**Unit -V**

**EmbryonicDevelopmentofChick**

1.1 Structureofhen's egg

1.2 EmbryonicDevelopmentofchickembryouptotheformationofprimitivestreak

1.3 Fatemapconstructioninchick

1.4 Extraembryonicmembraneofchick:Formationandfunctions.

## Practical

1. Spottingrelatedtothecytology

a. ProkaryoteandEukaryoteCell

b. StagesofMitoticcell division

c. StagesofMeioticcell division

d. Lampbrush Chromosome

2. SpottingrelatedtoReproductivebiologyandEmbryology

a. T.S.TestisofMammal

b. T.S.OvaryofMammal

c. DevelopmentalstagesofFrogembryology

d. DevelopmentalstagesofChickembryology

3. Squashpreparationofonionroottiptounderstandthestagesof Mitosis

4. SquashpreparationofGrasshoppertestistounderstandthestagesofMeiosis

5. TrypanBlueexclusiontestofcellviability

6. Squashpreparationofsalivaryglandchromosomefrom Chironomuslarva/Drosophila.

**Semester–I**

| BRANCH | Subject | SubjectCode |
|---|---|---|
| **B.Sc. (Biotechnology – Minor/Genericelective course)** | **MicrobiologyandImmunology** | **BTM2/BT** |

**CourseObjective:-**CourseObjectives:Tocreategeneralunderstandingaboutmicrobiologyand immunology
1. Thestudentswillbeabletounderstandmicrobialdiversityand Nutrition.
2. Thestudentswillbeabletounderstandimmunesystem.ImmuneresponsesandVaccination.
3. Thestudentswillbeabletodescriberoleofimmunesysteminbothmaintaininghealthand contributing to disease.
4. Thestudentswillbeabletounderstandimmunologicaltechniques.
**CourseLearningOutcomes:**Attheendofthecoursestudentwillfamiliarwith -
1. Microbialdiversityandnutrition.
2. Immunesystem,itspropertiesandtypes.
3. Immunoglobulin structure, types and functions and can apply the concept of hypersensitivity and vaccination for different diseases.
4Performvariousimmunologicaltechniques**.**

**Unit-I**

**History,BasicconceptsofMicrobiologyandCultureMediapreparation**

**1. History,BasicconceptsofMicrobiology:**

1.1 Fundamental,HistoryandevolutionDevelopmentofmicrobiology.Applicationofmicrobiology in human welfare.

1.2 Classification,GeneralcharacteristicandstructureofBacteria,FungiandViruses.

**2. MediaPreparation:**

2.1 MethodsandTypes:Culture,Minimal,Selective,differential.Transportmedia.

2.2 Synchronous,BatchandContinuousculture.

**Unit-II**

**MicrobialGrowthandGrowthmeasurement:**

**1. MicrobialGrowth:**

1.1. Definitionofgrowth,MathematicalexpressionofgrowthCurve,Generationtime,Growthyield. Effect of nutrients on growth.

1.2. Factoraffectinggrowth:Nutrient,Temperature,Oxygen,pH,Osmoticpressure.

**2. Growthmeasurement:**

2.1MeasurementofGrowth(DirectandIndirectmethods):cellnumber,CellMassandCellActivity.

2.2.CellCount:Turbidometricmethod,Platecountmethod.Membranecountmethod.Dryweight and Wet method by measurement of cellular activity.

**Unit-III**

**Basicsof Immunology:**

**1. BasicsofImmunology:**

1.1. ConceptofInnateandAcquiredimmunity.Phygocytosiscomplementandinflammatory responses.

1.2. Immunecellsandorgans:Structure,FunctionandPropertiesofimmunecells -Stemcell,T-cell, B-cell, NK-cell, Macrophages, Neutrophil. Eosinophil Basophil, Mast cell, Dentric cell.

1.3. Immuneorgan:Bonemarrow.Thymus,LymphNode,Spleen,LymphaticSystem.

**Unit-IV**

**ImmunoglobulinsandImmuneresponse:**

**1. Immunoglobulins**

1.1. Antigens:Characteristicsofanantigen:Foreignness.Molecularsize.Chemicalcompositionand Heterogeneity.

AntigenAdjuvants,Epitopes,Haptens.

1.2. Antibodies:Structure,Types,FunctionsandPropertiesofantibodiesAntigenicdeterminanton antibodies( Isotypic, Allotypic, Idiotypic). Monoclonal, Polyclonal and Chimeric antibody.

**2. Immuneresponse:**

2.1. Generationofimmuneresponse:PrimaryandSecondaryimmuneresponse,generationof Humoral response (Plasma and Memory cell).

Generationofcellmediatedimmuneresponse(selfMHCrestriction,T-cellactivation,Co-stimulatory signals). Killing Mechanisms by CTL and NK cells, Introduction to tolerance.

**Unit -V**

**Microbial,ImmunologicalTechniquesandVaccination:**

**1. MicrobialTechniques:**

1.1. Principle,Workingandapplicationsofinstruments-Laminarairflow,Autoclave,Hotairoven.

**2. Immunologicaltechniques:**

2.1. RIA,ELISA,Westernblotting.PrinciplesofPrecipitation.

Agglutination, Immunodiffusion, Immunoelectophorosis.

**3. Vaccination:**

3.1. Vaccinesandvaccination:Rubella,Varicella(Chickenpox).Polio,Diptheria.Hepatitisvaccine.

**Listof Practical's**

1ToperformAseptictechnique,Cleaningofglassware's,preparationofCottonPluggingand Sterilization.

2. ToprepareBacterialandFungalmedia.

3. ToisolatemicrobesfromAir,Waterand Soil.

4. ToStudydilutionandplatingbyPourPlate,SpreadPlatemethods.

5. ToStudymicroorganismsbyStainingmethod-Simplestaining,Gramstaining.Endosporestaining, Fungal staining. Negative staining

6. Toidentifybacteriabasedonstaining,Shapeand Size.

7. Toenumeratemicroorganism-TotalandViablecount.

8. TostudyAntibioticsensitivityofmicrobesbytheuseofantibioticdiscs.

9. Toisolateandidentifypathogenicbacteriafromsewageandwastewater.

10. ToDeterminegrowthcurveandgenerationtimeofE.coli.

11. Toidentifyofhumanbloodgroups.

12. ToenumeratetotalWBCofthegivenbloodsampleby hemocytometer.

13. ToenumeratedifferentialLeukocyteofthegivenbloodsample.

14. ToenumeratetotalRBCofthegivenbloodsampleby hemocytometer.

15. ToisolateandIdentifyaquaticFungifromLocalwaterbody.

**SEMESTER – 1**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Botany – Minor/Generic elective course) | Basic Botany | BOM2/BO |

**Course Learning outcomes (CLO)**

- This course will help the student to understand the diversity of plants and evolutionary process in plant kingdoms.
- It gives accounts of plant adaptations from aquatic condition to colonize terrestrial habitat.
- The changes in morphological, anatomical and reproductive structures that propel plant evolution can be investigated.
- The economic importance and significance of plants in nature will be understood.
- They will be acquainted with locally prevalent microbial diseases of plants and humans

**Content**

**Unit - I**

**1.1 History of Botany and Indian Contributions.**

**1.2** Morphological Characteristics of lower and higher plants(Angiosperms).

**1.3** Types of leaves, Inflorescence, Flowers and Fruits,

**1.4** Structure of Plant cell and cell organelles, Prokaryotic and Eukaryotic Cells, types of Cell division.

**1.5** Microscope structure and function of light microscope (magnification and resolving power),

**1.6** Various types of Microscopes: Bright field, Phase Contrast, SEM and TEM.

**Unit - II**

**1. Algae**

1.1 General characteristics

1.2 Range of thallus organization, reproduction.

1.3Types of life-cycles in algae

**1.4** Role of algae in nature and its economic importance.

2 **Bryophytes:**

2.1 General characteristics, Ecology.

2.2 Range of thallus organization, morphology, anatomy(internal and external features) and reproduction of any one Bryophyte.

2.3 Economic importance of Bryophytes

**Unit - 3**

**1 Pteridophytes**

1.1 General characteristics and morphology.

1.2 Stelar organization and reproduction.

1.3 Heterospory and seed habit.

**1.4** Economical importance

2.**Gymnosperms**

2.1 General description and their distribution.

2.2 Economical importance of Gymnosperms.

**3. Paleobotany**

3.1 Indian contribution in Paleobotany.

3.2 Brief knowledge of Fossils and Geological time scale.

**Unit - 4**

**1 Fungi**

1.1 General characteristics and cell wall composition.

1.2 Mode of nutrition

1.3 Types of reproduction

1.4 Economic importance

1.5 Parasexuality and Mycorrhiza

2.**Lichens:** Brief knowledge and their significance.

**Unit - 5**

**Microbes**

1.1 Brief outline of various types of Microbes

1.2 Archaebacteria, Eubacteria, Cyanobacteria, Mycoplasma. Actinomycetes and Virus.

1.3 **Beneficial** and harmful roles.

## Practicals

1. Study of various types of leaves, inflorescence, Flowers and fruits.

2. Understanding various parts of Microscope (simple and compound microscope)

3. Study of plant cells (e.g. Onion etc.)

4. Study of permanent slides of Mitosis and meiosis

5. Study of Electron Micrographs of Cell and organelles from Internet, You-Tube.

6. Identification of various algae from specimens, slides and temporary mounts of water from nearby areas like. Nostoc, Oscillatoria, Volvox, Spirogyra, Oedogonium, Chara, and specimens and pictographs of marine algae like Ectocarpus, Sargassum. Polysiphonia

7. Study and identification of some Bryophytes like Riccia Marchantia, Anthoceros, Funuria and Field visit.

8. Study of some fossils (specimens and slides)

9. Study of some Pteridophytes likeLycopodium. Sellaginella, Equisetum. Marselia and study of any one ferm

10. Section cutting of Pteridophytes and Gymnosperms: Stem, root and leaves

11. Specimen study of Pteridophytes and Gymnosperms Cones

12. Study of fugal structures and preparation of temporary mounts of Mucor, Rhizopus. Asperigillus, Yeast, Pencillium, Alternaria, Albugo, Helimenthosporium.

13. Permanent slides of Puccinia on host.

14. Study of various fungal plant diseases

15. Observation of symptoms of virus and bacteria on plants.

16. Gram staining techniques

**Semester – 1**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Chemistry– Minor/ Generic Elective Course) | ANALYTICAL CHEMISTRY | CHM2/CH |

**Course Learning Outcomes (CLO)**

By the end of this course students will learn the following aspects of laboratory exercises in chemistry:
1. Basic concepts of Mathematics for Chemists.
2. Fundamentals of analytical chemistry and steps involved in analysis.
3. Basic knowledge of Computer for chemists.
4. Basic Concepts of Chemical equilibrium.
5. Principles of Chromatography and chromatographic techniques.
6. Various techniques of Spectroscopic Analysis.

**CONTENT**

**Unit - 1**

**Mathematics for Chemists**

Straight line equation, Logarithmic relations, curve sketching, linear graphs & calculation of slopes. Differentiation, differentiation of functions like kex". sinx, logx. maxima & minima.partial differentiation. Integration of some useful relevant functions.

**Unit - 2**

**Basic Analytical Chemistry:** Introduction to Analytical Chemistry and its interdisciplinary nature. Concept of sampling. Importance of accuracy, precision and sources of error in analytical measurements. Presentation of experimental data and results, from the point of view of significant figures. statistical terms: mean, mean deviation, median, standard deviation, Numerical Problems.

**Calculations used in Analytical Chemistry**

**Some Important units of measurements-** SI Units, distinction between mass and weight, mole, milli mole and Numerical Problems.

**Solution and their concentrations-**Concept of Molarity, molality and normality. Expressing the concentration in parts per million (ppm), parts per billion (ppb). Numerical Problems.

**Chemical Stoichiometry-** Empirical and Molecular Formulas, Stoichiometric Calculations, Numerical Problems.

**Unit - 3**

**Computer for Chemists**

Introduction to computer. Introduction to operating systems like -DOS. Windows, Linux and Ubuntu

**Use of computer programs**

Running of standard programs & packages such as MS-word, MS-excel. PowerPoint, Execution of linear regression x-y Plot. Use of softwares for drawing structures and molecular formulae.

**Unit - 4**

**Chemical Equilibrium:** Equilibrium constant and free energy, concept of chemical potential. Thermodynamic derivation of law of chemical equilibrium. Temperature dependence of equilibrium constant; Van't Hoff reaction isochore, Van't Hoff reaction isotherm. Le-Chatelier's principle and its applications.

**Unit - 5**

**Chromatography**

Introduction. Principle and Classification. Mechanism of separation: adsorption, partition & ion-exchange.

Development of chromatograms: frontal. elution and displacement methods.

Paper Chromatography, (ascending, descending and circular). Thin Layer Chromatography (TLC) and Column Chromatography (CC). Gas Chromatography (GC) and High Pressure Liquid Chromatography (HPLC), types of column and column selection, applications, limitations.

**Principle and Applications of:**

Flash chromatography, lon-exchange chromatography and Chiral chromatography.

**Unit - 6**

**Spectral techniques of analysis**

**Basics of absorption spectroscopy:** Electromagnetic radiation Spectral range. Absorbance. Absorptivity. Molar Absorptivity. Fundamental Laws of Absorption. Lambert-Beer Law and its limitations.

Constitution & working of photometer, spectrometer, colorimeter.

**Ultraviolet (UV) absorption spectroscopy-**

Presentation and analysis of UV spectra. Types of electronic transitions. Effect of conjugation. Concept of chromophore and auxochrome. Bathochromic, hypsochromic, Hyperchromic and hypochromic shifts. UV spectra of conjugated polyenes and enones.

**Infra-red (IR) absorption spectroscopy-**

Molecular vibrations, Hooke's law, selection rules, intensity and position of IR bands, Measurement of IR spectrum, finger print region, characteristic absorption of various functional groups and interpretation of IR spectra of simple organic compounds.

**Practical**

1 **Basic analytical exercises**

Calibration of different weights and glassapparatus (measuring cylinder. burette, pipette, volumetric flasks).

• Preparation of solutions of different molarity/normality by weighing and dilution.

**2. Quantitative Analysis**

**Titrimetric Analysis**

- Standardization of NaOH with Oxalic acid.

- Determination of carbonate and hydroxide present in mixture.

- Determinationof carbonate and bicarbonate present in a mixture.

- Determinationof free alkali present in different soaps/detergents.

**3. Quantitative Analysis by Colorimetry**

- Verification of Lambert-Beer Law

- Determination of concentration of coloured compounds (e.g.. CuSO KMnO4

**4. Qualitative Analysis**

-Systematic identification of organic compound by qualitative analysis.

- Chromatography:

Identification by determination of the Rvalues of the given organic/ inorganic compounds by paper/ thin layer chromatography.

**Semester–1**

| BRANCH | Subject Title | SubjectCode |
|---|---|---|
| B.Sc.(ComputerScience – Minor/Generic Elective course) | PROGRAMMINGMETHODLOGY AND DATA STRUCTURE | CSM2/CS |

**CourseLearningOutcomes(CLO)**

Oncompletionofthiscourse,learnerswillbeable to:
1. Developsimplealgorithmsandflowchartstosolveaproblemwithprogrammingusingtopdown design principles.
2. Writingefficientandwell-structuredcomputeralgorithms/programs.
3. Learntoformulateiterativesolutionsandarrayprocessingalgorithmsforproblems.
4. Userecursivetechniques,pointersandsearchingmethodsinprogramming.
5. Willbefamiliarwithfundamentaldatastructures,theirimplementation;becomeaccustomedtothe description of algorithms in both functional and procedural styles
6. Haveknowledgeofcomplexityofbasicoperationslikeinsert,delete,searchonthesedatastructures.
7. Possessabilitytochooseadatastructuretosuitablymodelanydatausedincomputerapplications.
8. Designprogramsusingvariousdatastructuresincludinghashtables,Binaryandgeneralsearchtrees, heaps, graphs etc.
9. Assessefficiencytradeoffsamongdifferentdatastructureimplementations.
10. Implementandknowtheapplicationsofalgorithmsforsearchingandsortingetc.
11. KnowthecontributionsofIndiansinthefieldofprogramminganddatastructures.

**CONTENT**

**Unit–1**

**IntroductiontoProgramming;-**ProgramConcept,CharacteristicsofProgramming,StagesinProgram Development, Algorithms, Notations, Design, Flowcharts, Types of Programming Methodologies

**IntroductiontoC++Programming:-**BasicProgramStructureInC++,DataTypes,Variables,Constants, Operators and Basic I/O.

**Variables** - Declaring, Defining and Initializing Variables, Scope of Variables, Using Named Constants, Keywords, Casting of Data Types, Operators (Arithmetic, Logical and Bitwise). Using Comments in programs,CharacterI/O(gete,getchar,pute,putcharetc.).FormattedandConsoleI/O(printf(),scanf(), cin, cout). Using Basic Header Files (stdio.h. iostream.h. conio.h etc.)

**SimpleExpressionsinC++**(includingUnaryOperatorExpressions,BinaryOperatorExpressions), Understanding Operators Precedence in Expressions

**ConditionalStatements**ifconstruct,switch-caseconstruct.

**Unit–2**

**IterativeStatements**while,do-while,andforloops,UseofbreakandcontinueinLoops,UsingNested Statements (Conditional as well as Iterative)

**Functions**Top-DownDesign,Pre-definedFunctions,Programmer-definedFunctions,LocalVariables and Global variables, Functions with Default Arguments, Call-By-Value and Call-By-Reference Parameters, Recursion.

**IntroductiontoArrays** -DeclarationandReferringArrays,ArraysinMemory,InitializingArrays.Arrays in Functions, Multi-Dimensional Arrays.

**Unit–3**

**Structures**-MemberAccessing.PointerstoStructures,StructuresandFunctions,ArraysofStructures.

**Unions**-DeclarationandInitialization.

**Strings-**ReadingandWritingStrings.ArraysofStrings.StringandFunction,StringsandStructure, Standard String Library Functions.

**SearchingAlgorithms-**LinearSearch,BinarySearch.

**FileHandling**-Useoffilesfordatainputandoutput,mergingandcopyingfiles.

**Unit-4**

**DataStructure**-Basicconcepts,LinearandNon-Lineardatastructures

**AlgorithmSpecification**-Introduction,Recursivealgorithms,DataAbstraction,Performanceanalysis.

**LinkedLis**t-SinglyLinkedLists,Operations,Concatenating,circularlylinkedlists-Operationsfor Circularly linked lists, Doubly Linked Lists- Operations.

**Array-**Representationofsingle,twodimensionalarrays,sparsematrices-arrayandlinked representations.

**Stack-**Operations,ArrayandLinkedImplementations,Applications-InfixtoPostfixConversion,Postfix Expression Evaluation. Recursion

**Unit-5**

**Queue**-Definition,Operations,ArrayandLinkedImplementations.XonImplementation.Circular Queue-Insertion and Deletion Operations, Dequeue (Double Ended Queue), Priority Queue-Implementation.

**Trees-**RepresentationofTrees,Binarytree.PropertiesofBinaryTrees,BinaryTreeRepresentations- Array and Linked Representations, Binary Tree Traversals. Threaded Binary Trees.

**Heap-**Definition,Insertion,Deletion.

**Unit-6**

**Graphs**-GraphADT.GraphRepresentations,GraphTraversals,Searching

**Hashing-** Introduction, Hash tables, Hash functions, Overflow Handling.

**Sorting Methods-** Comparison of Sorting Methods,

**SearchTrees–**BinarySearchTrees,AVLTrees-DefinitionandExamples.

**Unit–7**

**IndianContributiontothefield**:InnovationsinIndia,originofJuliaProgrammingLanguage,Indian Engineers who designed new programming languages, open source languages. Dr. Sartaj Sahni- computer scientist - pioneer of data structures. Other relevant contributors and contributions.

**Suggestivelistofpracticals**

**1. OfficeTools**

a. UsingaTextEditorTool

1. Createadocumentandapplydifferent Editingoptions.

2. CreateBannerforyourcollege.

3. DesignaGreetingCardusingWordArtfordifferentfestivals.

4. DesignyourBiodataandusepagebordersandshading.

5. Createadocumentandinsertheaderandfooter,pagetitle,date,time,applyvariouspageformatting features etc.

6. ImplementMailMerge.

7. Insertatableintoadocumentandtrydifferentformattingoptionsforthe table.

**b. UsingaSpreadsheetTool**

1. DesignyourclassTimeTable.

2. PrepareaMarkSheetofyourclass result.

3. PrepareaSalarySlipofanemployeeofanorganization.

4. Prepareabarchart&piechartforanalysisofElection Results.

5. PrepareagenericBillofaSuperMarket.

6. WorkonthefollowingexercisesonaWorkbook:

a. Copyanexisting Sheet

b. RenametheoldSheet

c. InsertanewSheetintoanexistingWorkbook

d. DeletetherenamedSheet.

7. PrepareanAttendancesheet of10studentsforany6 subjectsofyoursyllabus.Calculatetheirtotal attendance, total percentage of attendance of each student & average of attendance.

8. CreateaworksheetofStudentslistofany4facultiesandperformfollowingdatabasefunctionsonit.

a. SortdatabyName

b. FilterdatabyClass

c. Subtotalofno.ofstudentsby Class.

**c. UsingaPresentationTool**

1. Designapresentationofyourinstituteusingautocontentwizard,designtemplateandblank presentation.

2. Designapresentationillustratinginsertionofpictures,WordArtandClipArt.

3. Designapresentation,learnhowtosaveitindifferentformats,copyingandopeninganexisting presentation.

4. Designapresentationillustratinginsertionofmovie,animationandsound.5.Illustrateuseofcustom animation and slide transition (using different effects).

6.Designapresentationusingchartsandtablesofthemarksobtainedinclass.

**II. Given the problem statement, students are required to formulate problem, develop flowchart/algorithm,writecodeinC++,executeandtestit.Studentsshouldbegivenassignmentson following:**

1. a.Tolearnelementarytechniquesinvolvingarithmeticoperatorsandmathematicalexpressions, appropriate use of selection (if, switch, conditional operators) and control structures

b.Learnhowtousefunctionsandparameterpassinginfunctions,writingrecursiveprograms.

2. Writeaprogramtoswapthecontentsoftwovariables.

3. WriteaprogramforfindingtherootsofaQuadraticEquation.

4. Writeaprogramtofindareaofacircle,rectangle,square using

5. Writeaprogramtocheckwhetheragivennumberisevenorswitchcaseodd.

6. Writeaprogramtoprinttableofanynumber.

7. WriteaprogramtoprintFibonacci series.

8. Writeaprogramtofindfactorialofagiven number.

9. Writeaprogramtoconvertdecimal(integer)numberintoequivalentbinarynumber.

10. Writeaprogramtocheckgivenstringispalindromeornot.

11. Writeaprogramtoperformmultiplicationsoftwo matrices.

12. Writeaprogramtoprintdigitsofenterednumberinreverseorder.

13. Writeaprogramtoprintsumoftwo matrices.

14. Writeaprogramtoprintmultiplicationoftwomatrices.

15. Writeaprogramtogenerateeven/oddseriesfromto100.

16. Writeaprogramwhetheragivennumberisprimeornot.

17. Writeaprogramforcallbyvalueandcallby reference.

18. Writeaprogramtogenerateaseries1+1/11+2/2+3/3!+-

-+n/n!

19. Writeaprogramtocreateapyramidstructure

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20. Writeaprogramtocreateapyramidstructure

21. WriteaprogramtocheckenterednumberisArmstrongornot.

22. Writeaprogramfortraversingan Array.

23. WriteaprogramtoinputNnumbers,addthemandfindaverage.

24. Writeaprogramtofindlargestelementfromanarray.

25. WriteaprogramforLinear search.

26. WriteaprogramforBinarysearch.

27. WriteaprogramforBubble sort.

28. WriteaprogramforSelectionsort.

**Semester - I**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| **B.Sc. (Forensic Science– Minor/Generic Elective Course)** | **Introduction to Forensic Science and Criminalistics** | **FSM2/FS** |

**Course Learning outcomes (CLO)**

Learning Objectives: After studying this paper the students will know the following
a. Organizational setup of forensic science laboratories in India.
b. The methods of securing, searching and documenting crime scenes.
c. Importance of physical evidence in criminal investigation.
d. The art of collecting, packaging and labeling and forwarding different types of physical and trace evidence at crime scenes.
e. After the successfully completing the course, student will be able to join forensic science laboratory, police service, private detective or security agency or start his/her own investigative agency.

**CONTENT**

**Unit - I**

**Forensic Science:**

Forensic Science in India: History, organizational set up of forensic science laboratories, hierarchical set up of CFSL, State FSL, GEQDs, Finger print bureaus, LNJPNNICFS, Directorate of forensic science, mobileforensic laboratories. Police services at forensic laboratories.Qualifications, duties and code of conduct of forensic scientists at forensic science laboratory.

**Unit - II**

**Search and seizure:**

Section 42, 43, 44, 45, 50, 53, 57 and 58 of criminal procedure code.

**Physical Evidence -** Definition, classification of physical evidences- on the basis of class, nature and size, different search methods for physical evidences, collection, preservation, packaging, labelling, sealing and forwarding of physical evidences, chain of custody.

**Unit - III**

**Searching, Collection, Packing, Labeling and Forwarding of Biological Evidences from Scene of Crime:** Human or animal blood, dry and wet blood, Semen on undergarments, body or any other surfaces, Saliva sample in cigarette buds, cup or glass, bottles, bite marks, etc. Vomit on cloths or any other surfaces, stomach wash, tears, nails, viscera including preservation and amount of organ, hair & fiber, botanical materials, etc.

**Unit - IV**

**Searching, Collection, Packing, Labeling and Forwarding of Chemical and Toxicological Evidences from Scene of Crime:** Cement, mortar & concrete, explosives material on various exhibits, and Arson evidence including charred materials, wood, paper etc. Petroleum products, drugs and poisons, viscera for toxicological analysis, blood for drug and poison analysis, urine for drug and poison analysis etc

**Unit - V**

**Searching, Collection, Packing, Labeling and Forwarding of evidence related to physics and other impression from Scene of Crime:** Soil or dust & paint chips, glass, fractured glass, coloured glass, tool marks, skid marks and tyre marks on various surfaces, Digital evidences, fingerprints (visible, latent and plastic), footprints, documents, weapon, fire arme bullet cartridge case etc

**Practicals -**

1. Collection, packing, labelling & forwarding of the physical evidences associated with biological fluids and wet exhibits

2. Collection, packing, labelling & forwarding of the physical evidences of soil / dust and glass materials

3.Collection, packing, labelling & forwarding of the physical evidences of hair and fibre of human or animal origin

4. Collection, packing, labelling & forwarding of the physical evidences of liquid materials and pharmaceutical products/drugs of abuse

5. Collection, packing, labelling & forwarding of the physical evidences of botanical material including plant parts or diatoms

6. Collection, packing, labelling & forwarding of the physical evidences of shell case/cartridge/bullet/pellets

7. Collection, packing. labelling & forwarding of the physical evidences of charred documents, questioned documents etc.

8. To know the basic steps of crime scene management followed by an investigator

9. Preliminary examination of arson evidences

10. Preliminary examination of toxicological evidences.

11. reliminary examination of blood stains found on different surfaces like wall, glass, clothes and soil etc.

12. Preliminary examination of evidences found in case of vitriolage

**SEMESTER – I**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Mathematic – MINOR/GENERIC ELECTIVE COURSE) | CALCULAS AND DIFFERENTIAL EQUATIONS | MAM2/MA |

**Course learning outcomes:-**

The course will enable the students to:

1. Sketch curves in a plane using its Mathematical properties in the different coordinate systems of reference.

2. Using the derivatives in Optimization, Social sciences. Physics and Life sciences etc.

3. Formulate the Differential equations for various Mathematical models.

4. Using techniques to solve and analyze various Mathematical models.

**Unit -1**

1.1 Historical background:

1.1.1 Development of Indian Mathematics: Ancient and Early Classical Period (till 500 CE)

1.1.2 A brief biography of Bhaskaracharya (with special reference to Lilavati) and Madhava

1.2 Successive differentiation

1.2.1 Leibnitz theorem

1.2.2 Maclaurin's series expansion

1.2.3 Taylor's series expansion

1.3 Partial Differentiation

1.3.1 Partial derivatives of higher order

1.3.2 Euler's theorem on homogeneous functions

1.4 Asymptotes

1.4.1 Asymptotes of algebraic curves

1.4.2 Condition for Existence of Asymptotes

1.4.3 Parallel Asymptotes

1.4.4 Asymptotes of polar curves

**Unit - 2**

2.1 Curvature

2.1.1 Formula for radius of Curvature

2.1.2 Curvature at origin

2.1.3 Centre of Curvature

2.2 Concavity and Convexity

2.2.1 Concavity and Convexity of curves

2.2.2 Point of Inflexion

2.2.3 Singular point

2.2.4 Multiple points

2.3 Tracing of curves

2.3.1 Curves represented by Cartesian equation

2.3.2 Curves represented by Polar equation

**Unit - 3**

3.1 Integration of transcendental functions

3.2 Introduction to Double and Triple Integral

3.3 Reduction formulae

3.4 Quadrature

3.4.1 For Cartesian coordinates

3.4.2 For Polar coordinates

3.5 Rectification

3.5.1 For Cartesian coordinates

3.5.2 For Polar coordinates

**Unit - 4**

4.1 Linear differential equations

4.1.1 Linear equation

4.1.2 Equations reducible to the linear form

4.1.3 Change of variables

4.2 Exact differential equations

4.3 First order and higher degree differential equations 4.3.1 Equations solvable for x, y and p

4.3.2 Equations homogenous in x and y

4.3.3 Clairaut's equation

4.3.4 Singular solutions

4.3.5 Geometrical meaning of differential equations

4.3.6 Orthogonal trajectories

**Unit -5**

5.1 Linear differential equation with constant coefficients

5.2 Homogeneous linear ordinary differential equations.

5.3 Linear differential equations of second order

5.4 Transformation of equations by changing the dependent/ independent variable

5.5 Method of variation of parameters.

**Semester – I**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| **B.Sc. (Microbiology – Minor/Generic Elective Course)** | **MICROBIAL TECHNIQUES** | **MBM2/MB** |

**Course Learning Outcomes (CLO) -**

After completing this course in Microbiology, a student shall have understanding of -
- Recall the basic lab glassware to be used in the laboratory.
- Summarize different methods of sterilization and isolation of pure cultures.
- Understand the working of different kinds of instruments and microscopes.
  Apply serial dilution technique to isolate the bacteria.
- Practice different methods to culture bacteria in the laboratory
- Illustrate a method to differentiate between Gram positive and Gram negative bacteria.

**CONTENT**

**Unit - I**

**Microscopy and Staining**

**1.1 Microscopy -** Principles and applications of simple and compound Bright-field microscopy, Dark-field microscopy, Fluorescence microscopy, Phase-contrast microscopy, Transmission electron microscopy and Scanning electron microscopy.

**1.2 Preparation for Light Microscope Examination -** Wet- mount and hanging-drop techniques.

(iii). Preparation for smear and fixation.

**1.3 Staining -** Principles of staining, negative staining, simple staining, differential staining (Gram and acid fast staining), flagella staining, capsule and endospore staining.

**Unit - II**

**Instruments**

Electronic Balance, Autoclave, Centrifuge, Colony counter, Deep freezer, Homogenizer, Hot air Oven, Incubator, Laminar air flow, Magnetic stirrer, pH Meter, Spectrophotometer, Vortex mixture, Water bath, Water distiller, Chromatography Chambers, Anaerobic chamber and Electrophoresis apparatus.

**Unit - III**

**Sterilization and Culture Medium**

**3.1 Physical methods of sterilization -** Dry heat, Moist heat, Filtration and Incineration.

**3.2 Chemical methods of sterilization -** Phenol and phenolic compounds, Alcohol, Halogens and Detergents.

**3.3 Types of culture media -**Natural, synthetic, complex, enriched and selective. Anaerobic (Thioglycolate broth, Robertson's media, Microaerophilic), broth culture of aerobic bacteria.

**Unit - IV**

**Isolation, Cultivation and Preservation**

**4.1 Natural microbial population -** Pure culture.

**4.2 Isolation of microbial population -** From air, water and soil.

**4.3 Methods for isolation** - Streak plate, Pour plate and Spread plate. Serial dilution and Micromanipulator methods. Cultivation on liquid and solid media. Isolation of microorganisms on potato slice and bread.

**4.4 Maintenance and preservation** for short term and long term.

**4.5 Cultivation** of anaerobic bacteria and accessing non- cultivable microorganisms.

**Part B-Content of Practical Course**

1. Demonstration and briefing about principles and working of basic instruments.

2. Basic media preparation technique, autoclaving, cleaning and sterilization of glassware.

3. Preparation of liquid culture media - Peptone water, nutrient broth

4. Preparation of solid culture media - Nutrient agar (agar slant/ agar plate)

5. Isolation of microbes from water, soil and air by serial dilution agar plating method.

6. Isolation of fungi from water, soil and air by serial dilution agar plating method.

7. Isolation of microorganisms by pour plate method.

8. Isolation of microorganisms by streak plate method.

9. Isolation of microorganisms by spread plate method.

10 Any other experiment may be designed on the basis of theoretical aspects.

**Semester–1**

| BRANCH | Subject Title | SubjectCode |
|---|---|---|
| B.Sc. (Physics – MINOR/GENERIC ELECTIVECOURSE) | MECHANICSANDGENERAL PROPERTIES OF MATTER | PYM2/PY |

**CourseLearningoutcomes**

1. Thecoursewouldempowerthestudentstodeveloptheideaaboutthebehaviorofphysicalbodies.
2. Itwillprovidethebasicconceptsrelatedtothemotionofalltheobjectsaroundusindaily life.
3. Thestudentswouldbeabletobuildfoundationtovariousappliedfieldinscienceandtechnology especially in the field of mechanical engineering.
4. Thestudentswillacquiretheknowledgeofbasicmathematicalmethodstosolvethevariousproblem in physics.
5. Thestudentswillbeabletheunderstandtherelativisticeffectandtherelationbetweenenergyand mass.

**CONTENT**

**Unit-1 Historical**

**background and Mathematical Physics**

**1. Historicalbackground:**

1.1. Abriefhistoricalbackgroundofmathematicsandmechanicsinthecontextof IndiaandIndian culture.

1.2. AbriefbiographyofVarahamihiraandVikramSarabhaiwiththeirmajorcontributiontoscienceand society.

**MathematicalPhysics:**

2.1. Scalarandvectorfields,GradientofascalarfieldandItsphysicalsignificance.

2.2. Vectorintegral:lineIntegral,surfaceintegralandvolumeintegral,Divergenceofavector fieldand its physical significance, Gauss divergence theorem.

2.3. CurlofavectorfieldanditsphysicalsignificanceStokesandGreen'stheorem,Numericalproblems based on the above topics.

**Unit-2**

**MechanicsofRigidanddeformablebodies**

1.1. System of particles and concept of Rigid body, Torque, centre of mass: position of the centre of mass,Motionofthecentreofmass,Conservationoflinear&angularmomentumwithexamples,Single stage and multistage rocket.

1.2. Rotatorymotionandconceptofmomentofinertia,Theoremsonmomentofinertia:theoremof addition,theoremofperpendicularaxis,theoremofparallelaxis,Calculationofmomentofinertiaof rectangular lamina, disc, solid cylinder, solid sphere.

**2. Mechanicsofdeformablebodies:**

2.1. Hook'slaw,Young'smodulus,Bulkmodulus,ModulusofrigidityandPoisson'sratio,Relationship between various elastic moduli.

2.2. PossiblevaluesofPoisson'sratio,FindingPoisson'sratioofrubberinthelaboratory,Torsionofa cylinder, Strain energy of twisted cylinder.

2.3. Findingthemodulusofrigidityofthematerialofawirebybarton'smethod,Torsionalpendulum and Maxwell's needle, Searl's method to find Y, and or of the materialof a wire, Bending of beam, Cantilever, Beam supported at its ends and loaded in the middle.

**Unit-3**

**Fluidmechanics**

**1. SurfaceTension:**

1.1. Inter-molecularforcesandpotentialenergycurve,forceofcohesionandadhesion.

1.2. Surfacetension, Explanationofsurfacetensionon thebasisofintermolecular forces,Surfaceenergy, Effect of temperature and impurities on surface tension, Daily life application of surface tension.

1.3. Angleofcontact,Thepressuredifferencebetweenthetwosidesofacurvedliquidsurface,Excess pressure inside a soap bubble, Capillarity, determination of surface tension of a liquid capillary rise method, Jaeger's

**2. Viscosity:**

2.1. Ideal and viscous fluid, Streamline and turbulent flow, Equation of continuity, Rotational and Irrotationalflow,Energyofaflowing fluid,Euler'sequationofmotionofanon-viscousfluidandits physical significance

2.2. Bernoulli'stheoremanditsapplications(Velocityofefflux,shapesofwingsofairplane,Magnus effect, Filter pump, Bunsen's burner).

2.3. Viscousflowofafluid,Flowofliquidthroughacapillarytube,DerivationofPoiseuille'sformulaand limitations, Stocks formula, Motion of a spherical body falling in a viscous fluid.

**Unit-4**

**GravitationalpotentialandCentralforces**

**1. Gravitationalpotential:**

1.1. Conservativeandnon-conservativeforcefield,Conservationofenergyinmotionunderthe conservative and non-conservative forces, Potential energy.

1.2. Conservative force, Conservation of energy, Gravitational potential and gravitational potential energy,Gravitationalpotentialandintensityofgravitationalfieldduetoauniformsphericalshellanda uniform solid sphere.

1.3. Gravitationalself-energy,Gravitationalself-energyofauniformsphericalshellandauniformsolid sphere.

**2. Centralforces:**

2.1. MotionunderCentralforces,Conservativecharacteristicsofcentralforces.

2.2. The motion of a two particles system in Central force, Concept of reduced mass, Reduced mass of positroniumandhydrogen.2.3.Motionofparticlesinaninverse-squarecentralforce,Motionofcelestial bodies and derivation of Kepler's laws,

2.4. Elasticandinelasticscattering(elementaryidea).

**Unit-5**

**RelativisticMechanicsandAstrophysics**

**1. RelativisticMechanics:**

1.1. Frameofreferences,Galileantransformation,Michelson-Morleyexperiment.

1.2. Postulatesofspecialtheoryofrelativity,Lorentz,Transformation,Simultaneityandorderofevents, Length contraction, Time dilation, Relativistic transformation of velocities, Variation of mass with velocity.1.3. Mass-energy equivalence and its experimental verification.

**2. Astrophysics:**

2.1. IntroductiontotheUniverse,PropertiesoftheSun,ConceptofAstronomicalDistance

2.2. Lifecycleofastars,ChandrasekharLimit,H-Rdiagram,Redgiantstar,Whitedwarfstar,Neutron star, Black hole,

2.3. BigBangTheory(elementaryIdea).

**PRACTICAL**

1. DeterminationofYoung'smodulus,modulusofrigidityandPoisson'sratioofmaterialofawireusing Searle's method.

2. DeterminationofYoung'smodulusofmaterialofametallicbarbybendingofbeammethod.

3. Determinationofaccelerationduetogravity(g)usingBarpendulum.

4. Determinationofaccelerationduetogravity(g)usingKater'sreversiblependulum.

5. Determinationofmodulusofrigidityofarodwiththehelpof Barton's apparatus

6. Determinationofcoefficientofviscosityofliquidusing Poiseuille'smethod.

7. Determinationofthemomentofinertiaofaflywheelaboutitsaxisof rotation.

8. Determinationofthemomentofinertiaofagivenbody(Irregularbody)withthehelpofinertiatable.

9. Verificationoflawsoftheparallel/perpendicularaxesofmomentofinertia

10. Determinationofmodulusofrigidityofmaterialofawirewiththehelpof Maxwell'sneedle.

11. DeterminationofYoung'sModulusofamaterialofarodusingthecantilevermethod

12. Determinationofmodulusofrigidityofmaterialofawirewiththehelpoftorsional pendulum.

13. Determinationofforceconstantofa spring.

14. DeterminationofPoisson'sratioofrubber.

15. Determinationofsurfacetensionofaliquidby Jaeger'smethod.

**Semester - I**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Zoology – Minor/Generic Elective Course) | CELL BIOLOGY, REPRODUCTIVE BIOLOGY AND DEVELOPMENTAL BIOLOGY | ZOM2/ZO |

**Course learning outcomes (CLO)**

1. Develop deeper understanding of what life is and how it functions at cellular level
2. Understand the nature and basic concepts of Cell biology, Reproductive and Developmental biology
3. Understand structure and functions of cell membrane and cellular organelles
4. Understand the importance of latest reproductive trends, reproductive techniques to be applied for human welfare.
5. Understand the general patterns and sequential developmental stages during embryogenesis; and understand how the developmental processes lead to establishment of body plan of multi-cellular organisms.
6. Understand about the evolutionary development of various animals.

**Unit - I**

**Cell Biology**

1.1 Concept of Prokaryotic and Eukaryotic Cells, difference between Prokaryotic and Eukaryotic Cells

1.2 Structure and functions of Plasma membrane

1.3 Structure and functions of Golgi body, Mitochondria, Endoplasmic reticulum, Ribosome and Lysosome

1.4 Structure and functions of Nucleus

1.5 Structure and functions of Chromosome and special type of chromosomes-Lampbrush and Polytene chromosome

1.6 Cell cycle, Mitotic and Meiotic cell division and their significance

**Unit - II**

**Reproductive Biology**

1.1 Structure of Male reproductive system of Lepus

1.2 Structure of Female reproductive system of Lepus

1.3 Histology of Testis, and Ovary of Lepus

1.4 Gametogenesis- Spermatogenesis and oogenesis, difference between spermatogenesis and oogenesis

1.5 Types of Eggs-based on amount and distribution of yolk with examples

**Unit - III**

**Recent Assisted Reproductive Techniques (ART)**

1.1 Stem cell- Types and their uses

1.2 Gene bank, Sperm bank, Superovulation, Cryopreservation

1.3 In Vitro Fertilization (IVF) and Embryo Transfer (ET)), ZygotebIntra Fallopian Transfer (ZIFT), Intracytoplasmic Sperm Injectionb(ICSI)

1.4 Placentation -Types, examples and functions

1.5 Placenta Banking-Placenta preservation benefits

**Unit - IV**

**Developmental Biology**

1.1 Fertilization

1.2 Embryonic development of frog up to the formation of three germinal layers

1.3 Fate map construction in frog

1.4 Metamorphosis of Tadpole Larva

1.5 Parthenogenesis

**Unit - V**

**Embryonic Development of Chick**

1.1 Structure of hen's egg

1.2 Embryonic Development of chick embryo up to the formation of primitive streak

1.3 Fate map construction in chick

1.4 Extra embryonic membrane of chick: Formation and functions.

## Practical

1. Spotting related to the cytology

a. Prokaryote and Eukaryote Cell

b. Stages of Mitotic cell division

c. Stages of Meiotic cell division

d. Lamp brush Chromosome

2. Spotting related to Reproductive biology and Embryology

a. T.S. Testis of Mammal

b. T.S. Ovary of Mammal

c. Developmental stages of Frog embryology

d. Developmental stages of Chick embryology

3. Squash preparation of onion root tip to understand the stages of Mitosis

4. Squash preparation of Grasshopper testis to understand the stages of Meiosis

5. Trypan Blue exclusion test of cell viability

6. Squash preparation of salivary gland chromosome from Chironomus larva / Drosophila.

**Semester - I**

| BRANCH | Subject Title | Subject Code |
|---|---|---|
| B.Sc. (Zoology – Minor/Generic Elective Course) | CELL BIOLOGY, REPRODUCTIVE BIOLOGY AND DEVELOPMENTAL BIOLOGY | ZOM2/ZO |

**Course learning outcomes (CLO)**

1. Develop deeper understanding of what life is and how it functions at cellular level
2. Understand the nature and basic concepts of Cell biology, Reproductive and Developmental biology
3. Understand structure and functions of cell membrane and cellular organelles
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**Unit - I**

**Cell Biology**

1.1 Concept of Prokaryotic and Eukaryotic Cells, difference between Prokaryotic and Eukaryotic Cells

1.2 Structure and functions of Plasma membrane

1.3 Structure and functions of Golgi body, Mitochondria, Endoplasmic reticulum, Ribosome and Lysosome

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**Unit - II**

**Reproductive Biology**

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1.2 Structure of Female reproductive system of Lepus

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1.5 Types of Eggs-based on amount and distribution of yolk with examples

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**Recent Assisted Reproductive Techniques (ART)**

1.1 Stem cell- Types and their uses

1.2 Gene bank, Sperm bank, Superovulation, Cryopreservation

1.3 In Vitro Fertilization (IVF) and Embryo Transfer (ET)), ZygotebIntra Fallopian Transfer (ZIFT), Intracytoplasmic Sperm Injectionb(ICSI)

1.4 Placentation -Types, examples and functions

1.5 Placenta Banking-Placenta preservation benefits

**Unit - IV**

**Developmental Biology**

1.1 Fertilization

1.2 Embryonic development of frog up to the formation of three germinal layers

1.3 Fate map construction in frog

1.4 Metamorphosis of Tadpole Larva

1.5 Parthenogenesis

**Unit - V**

**Embryonic Development of Chick**

1.1 Structure of hen's egg

1.2 Embryonic Development of chick embryo up to the formation of primitive streak

1.3 Fate map construction in chick

1.4 Extra embryonic membrane of chick: Formation and functions.

## Practical

1. Spotting related to the cytology

a. Prokaryote and Eukaryote Cell

b. Stages of Mitotic cell division

c. Stages of Meiotic cell division

d. Lamp brush Chromosome

2. Spotting related to Reproductive biology and Embryology

a. T.S. Testis of Mammal

b. T.S. Ovary of Mammal

c. Developmental stages of Frog embryology

d. Developmental stages of Chick embryology

3. Squash preparation of onion root tip to understand the stages of Mitosis

4. Squash preparation of Grasshopper testis to understand the stages of Meiosis

5. Trypan Blue exclusion test of cell viability

6. Squash preparation of salivary gland chromosome from Chironomus larva / Drosophila.

# DR. PREETI GLOBAL UNIVERSITY

## BACHELOR OF SCIENCE

## (B.Sc.)

| Name of Program **: B.Sc.** | **Program Code: 04** |
|---|---|
| Name of Group**: AEC** | |
| Name of the Course**: Environmental Studies** | |
| **Course Code: AEC-111** | **Max. Marks :100**<br>**(External :60 + Internal 40)** |

**Course Learning Outcomes**

1. **To understand various aspects of life forms, ecological Process and impact on them by the human during Anthropocene**
2. **To build capabilities to identify relevant environmental issues, analyze the various underlying causes, evaluate the practices and policies, and develop framework to make inform decisions.**
3. **To develop empathy for all life forms, awareness, and responsibility towards environmental protection and nature preservation.**
4. **To develop the critical thinking for shaping strategies such as: scientific, social, economic, administrative & legal, environmental protection, conservation of biodiversity, equity and sustainable development.**
5. **To prepare for the competitive exams.**

**Syllabus content**

| **Content** |
|---|
| **UNIT-1**<br>**Environment and Natural Resources:**<br>-Multidisciplinary nature, Scope and Importance of Environment<br>- Components of Environment: Atmosphere, Hydrosphere, Lithosphere, and Biosphere.<br>Brief account of Natural Resources and associated problems: Land Resource, Water Resource, Energy Resource<br>-Concept of Sustainability and Sustainable Development<br>Biome, Ecosystem and Biodiversity: |
| **UNIT 2**<br>-Major Biomes: Tropical, Temperate, Forest, Grassland, Desert, Tundra, Wetland, Estuarine and Marine<br>-Ecosystem: Structure function and type their Preservation & Restoration<br>-Biodiversity and its conservation practices |

| |
|---|
| **UNIT-3**<br>**Environmental pollution, Management and Social Issues**:<br>-Pollution: Types, Control measures, Management and associated problems.<br>-Environmental Law and Legislation: Protection and conservation Acts.<br>-International Agreement & Programme.<br>Environmental Movements, communication and public awareness programme.<br>-National and international organizational related to environment conservation and monitoring.<br>-Role of information technology in environment and human health. |
| **UNIT-4**<br>**Ecosystem**-What is an ecosystem? Structure: food chains, food webs and function of ecosystem: Energy flow in an ecosystem, nutrient cycle and ecological succession, Ecological Interactions. |
| **UNIT-5**<br>**Environmental Management**: Policies & Practices-Environmental ethics: Role of Indian and other religions and cultures in environmental conservation. Green Politics, Earth Hour, Green Option Technologies. Environmental communication and public awareness, Role of National Green Tribunal. |

## Suggested Readings


**1. Singh J S, Singh S P and Gupta S. R Ecology Environment science and Conservation " S chand Publishing New Delhi**

**2. Divan S and Resencranz, A " Environment Law and Policy in India "Case Material & Status" Oxford University Press India (2002) 2 Edition**

**3. Odum E P Fundamental of Ecology " Philadelphia Saundres (1971)**

**4. Kaushik, Anubha, Kaushik C P " Perspectives in environmental studies " new age international publisher (2018) 6th Edition**

**5. Asthana D K, Asthana Meera " A text Book of Environmental Studies" S Chand Publishing New Delhi (2007)**

**6. Basu, M. and Xavier, S., Fundamentals of Environmental Studies, Cambridge University Press.**

**7. Mitra, A. K and Chakraborty, R., Introduction to Environmental Studies, Book Syndicate.**

**8. Enger E. and Smith B., Environmental Science: A Study of Interrelationships, McGraw-Hill Higher Education.**

**9.Basu, R.N, Environment, University of Calcutta.**

# DEPARTMENT OF ZOOLOGY
## Choice Based Credit System (CBCS)
**Scheme of Examination (M.Sc. - Zoology) w.e.f. session 2022-23**

| **SEMESTER I (2022-23)** | | | | | | |
|---|---|---|---|---|---|---|
| **Course No.** | **Nomenclature of Paper** | **Credit** | **Hours** | **MM (Max Marks)** | **IA (Internal Assessment)** | **TM (Total marks)** |
| **Core Courses** | | | | | | |
| 20ZOO21C1 | Techniques in Animal Science | 4 | 4 | 80 | 20 | 100 |
| 20ZOO21C2 | Diversity of Life form-1 | 4 | 4 | 80 | 20 | 100 |
| 20ZOO21C3 | Animal Cell Biology | 4 | 4 | 80 | 20 | 100 |
| 20ZOO21C4 | Animal Biochemistry and metabolism | 4 | 4 | 80 | 20 | 100 |
| 20ZOO21C5 | Molecular Biology | 4 | 4 | 80 | 20 | 100 |
| **Lab Course** | | | | | | |
| 20ZOO21CL1 | Lab Course (20ZOO21C1 to C3) | 4 | 8 | 100 | - | 100 |
| 20ZOO21CL2 | Lab Course (20ZOO21C4 & C5) | 4 | 8 | 100 | - | 100 |
| | **Total Credits** | **28** | | | | |
| **SEMESTER II** | | | | | | |
| **Course No.** | **Nomenclature of Paper** | **Credit** | **Hours** | **MM** | **IA** | **TM** |
| **Core Courses** | | | | | | |
| 20ZOO22C1 | Developmental Biology | 4 | 4 | 80 | 20 | 100 |
| 20ZOO22C2 | Inheritance Biology | 4 | 4 | 80 | 20 | 100 |
| 20ZOO22C3 | Diversity of Life form-II | 4 | 4 | 80 | 20 | 100 |
| **Discipline Specific Elective (Any One)** | | | | | | |
| 20ZOO22DA1 | Animal Behaviour | 4 | 4 | 80 | 20 | 100 |
| 20ZOO22DA2 | Evolutionary Biology | 4 | 4 | 80 | 20 | 100 |
| **Open Elective** | | | | | | |
| | Open Elective* | 3 | 3 | | | |
| **Foundation Elective** | | | | | | |
| | Foundation Elective** | 2 | 2 | | | |
| **Lab Course** | | | | | | |
| 20ZOO22CL | Lab Course (20ZOO22C1 to C2) | 4 | 8 | 100 | - | 100 |
| 20ZOO22DL | Lab Course (20ZOO22C3 and DA1/DA2) | 4 | 8 | 100 | - | 100 |
| | **Total Credits** | **29** | | | | |
| **SEMESTER III (2023-24)** | | | | | | |
| **Course No** | **Nomenclature of Paper** | **Credit** | **Hours** | **MM** | **IA** | **TM** |
| **Core Courses** | | | | | | |
| 20ZOO23C1 | Immunology | 4 | 4 | 80 | 20 | 100 |
| 20ZOO23C2 | Advanced Physiology | 4 | 4 | 80 | 20 | 100 |
| **Discipline Specific Elective** | | | | | | |
| **Group-A (Any One)** | | | | | | |
| 20ZOO23DA1 | Molecular Cytogenetics | 4 | 4 | 80 | 20 | 100 |
| 20ZOO23DA2 | Molecular endocrinology | 4 | 4 | 80 | 20 | 100 |
| **Group-B (Any One)** | | | | | | |
| 20ZOO23DB1 | Population Biology | 4 | 4 | 80 | 20 | 100 |
| 20ZOO23DB2 | Environmental Biology | 4 | 4 | 80 | 20 | 100 |
| **Open Elective** | | | | | | |
| | Open elective* | 3 | 3 | | | |
| **Lab Course** | | | | | | |
| 20ZOO23C3 | Lab Course (21ZOO23C1 & C2) | 4 | 8 | 100 | - | 100 |
| 20ZOO23DL | Lab Course (21ZOO23DA1/DA2 and DB1/DB2) | 4 | 8 | 100 | - | 100 |
| | **Total Credits** | **27** | | | | |
| **SEMESTER IV** | | | | | | |
| **Course No** | **Nomenclature of Paper** | **Credit** | **Hours** | **MM** | **IA** | **TM** |
| **Core Courses** | | | | | | |
| 20ZOO24C1 | Biosafety & Ethics in Science | 4 | 4 | 80 | 20 | 100 |
| 20ZOO24C2 | Advances in Vermiculture | 4 | 4 | 80 | 20 | 100 |
| **Project Report** | | | | | | |
| 20ZOO24C3 | Project Report | 20 | 40 | 300 | - | 300 |
| | **Total Credits** | **28** | | | | |

*To be chosen from pool of Open Elective Courses provided by the university

** To be chosen from pool of Foundation Elective Courses provided by the university

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Mathematics
## Semester-I
## (w.e.f. July 2022 Onwards)

(Non Grading)

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MSM101T | Advanced Abstract Algebra-I | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MSM102T | Real Analysis | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MSM103T | Topology -I | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | MSM104T | Complex Analysis-I | 85 | 28 | 15 | 05 | - | - | 100 |
| 5 | MSM105T | (Any one of the following ) Differential Equation I | 85 | 28 | 15 | 05 | - | - | 100 |
| | MSM106T | Advanced Discrete Mathematics-I | 85 | 28 | 15 | 05 | - | - | 100 |
| | MSM107T | Programming in C-I | 50 | 17 | 15 | 05 | - | - | 65 |
| | MSM107P | Programming in C-I | - | - | - | - | 35 | 12 | 100 |
| Total Marks | | | | | | | | | 500 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Mathematics
## Semester-II
## (w.e.f. July 2022 Onwards)

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MSM201T | Advanced Abstract Algebra II | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MSM202T | Lebesgue Measure & Integration | 85 | 28 | 15 | 05 | - | - | 100 |
| 3 | MSM203T | Topology II | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | MSM204T | Complex Analysis II | 85 | 28 | 15 | 05 | - | - | 100 |
| 5 | MSM205T | (**Any one of the following**) Differential Equation II | 85 | 28 | 15 | 05 | - | - | 100 |
| | MSM206T | Advanced Discrete Mathematics-II | 85 | 28 | 15 | 05 | - | - | 100 |
| | MSM207T | Programming in C-II | 50 | 17 | 15 | 05 | - | - | 65 |
| | MSM207P | Programming in C-II | - | - | - | - | 35 | 12 | 35 |
| Total Marks | | | | | | | | | 500 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Mathematics
## Semester-III
## (w.e.f. July 2017 Onwards)

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1. | MSM301T | Functional Analysis-I | 85 | 28 | 15 | 05 | - | - | 100 |
| 2. | MSM302T | Advanced Special Function-I | 85 | 28 | 15 | 05 | - | - | 100 |
| 3. | MSM303T | Theory of Linear Operators-I | 85 | 28 | 15 | 05 | - | - | 100 |
| 4. | MSM304T | Advanced Numerical analysis-I | 85 | 28 | 15 | 05 | - | - | 100 |
| 5. | MSM305T | **(Optional Paper)** Operation Research-I | 85 | 28 | 15 | 05 | - | - | 100 |
| | MSM306T | Analytic Number Theory-I | 85 | 28 | 15 | 05 | - | - | 100 |
| | MSM307T | Integral Transform-I | 85 | 28 | 15 | 05 | - | - | 100 |
| | MSM308T | Fundamental of Computer Science (Theory)-I | 50 | 17 | 15 | 05 | - | - | 65 |
| | MSM308P | Fundamental of Computer Science (Practical)-I | - | - | - | - | 35 | 12 | 35 |
| | MSM309T | Integration Theory-I | 85 | 28 | 15 | 05 | - | - | 100 |
| Total Marks | | | | | | | | | 500 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Mathematics
## Semester-IV
## (w.e.f. July 2022 Onwards)

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | MSM401T | Functional Analysis-II | 85 | 28 | 15 | 05 | - | - | 100 |
| | MSM402T | Advanced Special Function-II | 85 | 28 | 15 | 05 | - | - | 100 |
| 2 | MSM403T | Theory of Linear Operators-II | 85 | 28 | 15 | 05 | - | - | 100 |
| 4 | MSM404T | Advanced Numerical analysis-II | 85 | 28 | 15 | 05 | - | - | 100 |
| 5 | MSM405T | **(Optional Paper)** Operation Search II | 85 | 28 | 15 | 05 | - | - | 100 |
| | MSM406T | Analytic Number Theory-II | 85 | 28 | 15 | 05 | - | - | 100 |
| | MSM407T | Integral Transform-II | 85 | 28 | 15 | 05 | - | - | 100 |
| | MSM408T | Fundamental of Computer Science (Theory)-II | 50 | 17 | 15 | 05 | - | - | 65 |
| | MSM408P | Fundamental of Computer Science (Practical)-II | - | - | - | - | 35 | 12 | 35 |
| | MSM409T | Spherical Trigonometry and Astronomy | 85 | 28 | 15 | 05 | - | - | 100 |
| | Job Oriented Project work | | 100 | 33 | | | | | 100 |
| Total Marks | | | | | | | | | 600 |

# MSC(CS) COURSE STRUCTURE

## SEMESTER I

| Subject Code | Subject Name | L | T | P | C | Theory Marks | Internal Marks | Practical Marks | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| 1MSC(CS)1 | Information Technology | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 1MSC(CS)2 | PC Packages | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 1MSC(CS)3 | Digital Electronics and Computer Organization | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 1MSC(CS)4 | Programming in C | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 1MSC(CS)5 | Communicative English | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 1MSC(CS)6 | Computer Lab 1 | 0 | 0 | 10 | 5 | - | 20 | 80 | 100 |
| | **Total Credits and Marks** | | | | **30** | | | | **600** |

## SEMESTER II

| Subject Code | Subject Name | L | T | P | C | Theory Marks | Internal Marks | Practical Marks | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| 2MSC(CS)1 | Data Structures and Algorithms | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 2MSC(CS)2 | Database Management System | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 2MSC(CS)3 | Computer Networks | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 2MSC(CS)4 | Object Oriented Programming with C++ | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| | ***Elective:*** | | | | | | | | |
| 2MSC(CS)5(A) | Management Theory and Practice | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 2MSC(CS)5(B) | Numerical Methods | | | | | | | | |
| 2MSC(CS)5(C) | Computerised Accounting with Tally | | | | | | | | |
| 2MSC(CS)6 | Computer Lab 2 | 0 | 0 | 10 | 5 | - | 20 | 80 | 100 |
| | **Total Credits and Marks** | | | | **30** | | | | **600** |

## SEMESTER III

| Subject Code | Subject Name | L | T | P | C | Theory Marks | Internal Marks | Practical Marks | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| 3MSC(CS)1 | Web Technology | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 3MSC(CS)2 | Software Engineering | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 3MSC(CS)3 | Operating System | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 3MSC(CS)4 | Programming with Java | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| | ***Elective:*** | | | | | | | | |
| 3MSC(CS)5(A) | Multimedia Applications | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 3MSC(CS)5(B) | Data Warehousing and Mining | | | | | | | | |
| 3MSC(CS)5(C) | Cloud Computing | | | | | | | | |
| 3MSC(CS)5(D) | E-Commerce and E-Governance | | | | | | | | |
| 3MSC(CS)5(E) | Linux Server Administration | | | | | | | | |
| 3MSC(CS)6 | Computer Lab 3 | 0 | 0 | 10 | 5 | - | 20 | 80 | 100 |
| | **Total Credits and Marks** | | | | **30** | | | | **600** |

## SEMESTER IV

| Subject Code | Subject Name | L | T | P | C | Theory Marks | Internal Marks | Practical Marks | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| 4MSC(CS)1 | Python Programming | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 4MSC(CS)2 | Dot Net Technology | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| | ***Elective:*** | | | | | | | | |
| 4MSC(CS)3(A) | Software Testing and Quality Assurance | 5 | 0 | 0 | 5 | 80 | 20 | - | 100 |
| 4MSC(CS)3(B) | Big Data Analytics | | | | | | | | |
| 4MSC(CS)3(C) | Information Security | | | | | | | | |
| 4MSC(CS)3(D) | Artificial Intelligence and Machine Learning | | | | | | | | |
| 4MSC(CS)3(E) | Mobile Application Development | | | | | | | | |
| 4MSC(CS)4 | Computer Lab 4 | 0 | 0 | 10 | 5 | - | 20 | 80 | 100 |
| 4MSC(CS)5 | Project Work | 0 | 0 | 20 | 10 | - | 40 | 160 | 200 |
| | **Total Credits and Marks** | | | | **30** | | | | **600** |

**(*L-LectureT- Tutorial P-Practical C-Credit)**

**General Instructions:**

1. **For passing the subject examination minimum 40% marks must be separately scored in Theory Paper PracticalExams and Internal Evaluation in the subject.**
2. **Please refer concerned regulation for details**

## SEMESTER-I

| Paper Code | Nomenclature | Course structure credits (L:T:P) | Total Credits | Hrs. per weak | Marks | | Total Marks |
|---|---|---|---|---|---|---|---|
| | | | | | Internal | External | |
| **Core Paper (C)** | | | | | | | |
| 16FSC21C1 | Elementary Forensic Science | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 16FSC21C2 | Police and Crime Investigative Agencies | 3:1:0 | 4 | 4 | 20 | 80 | 100 |
| 16FSC21C3 | Fundamentals of Fingerprint Examination | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 16FSC21C4 | Fundamentals of Questioned Document Examination | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 16FSC21C5 | General Forensic Tools and Techniques | 4:0:0 | 4 | | 20 | 80 | 100 |
| 16FSC21CL1 | Forensic Lab Course-I (Based on Fingerprint Examination) | 0:0:4 | 4 | 8 | - | 100 | 100 |
| 16FSC21CL2 | Forensic Lab Course-II (Based on Questioned Document Examination) | 0:0:4 | 4 | 8 | - | 100 | 100 |
| **Total credits 28** | | | | | | | |

## SEMESTER-II

| Paper Code | Nomenclature | Course structure credits (L:T:P) | Credits | Hrs. per weak | Marks | | Total Marks |
|---|---|---|---|---|---|---|---|
| | | | | | Internal | External | |
| **Core Paper (C)** | | | | | | | |
| 16FSC22C1 | Crime Scene Investigation | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 16FSC22C2 | Fundamentals of Forensic Ballistics | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 16FSC22C3 | Forensic Criminology and Law | 3:1:0 | 4 | 4 | 20 | 80 | 100 |
| 16FSC22CL1 | Forensic Lab Course-III (Based on CSI) | 0:0:4 | 4 | 8 | - | 100 | 100 |
| 16FSC22CL2 | Forensic Lab Course-IV (Based on Forensic Ballistics) | 0:0:4 | 4 | 8 | - | 100 | 100 |
| **Discipline Specific Elective (D) (Opt any one)** | | | | | | | |
| 16FSC22DA1 | Fundamentals of Forensic Psychology | 3:1:0 | 4 | 4 | 20 | 80 | 100 |
| 16FSC22DA2 | Forensic Quality Management | | | | | | |
| 16FSC22DA3 | Fundamentals of Computer Forensics | | | | | | |
| **Open Elective/Interdisciplinary (O)** | | | | | | | |
| | To be chosen from the University Pool | 3:0:0 | 3 | | 20 | 80 | 100 |
| **Foundation course (F)** | | | | | | | |
| | To be chosen from the University Pool | 2:0:0 | 2 | | 10 | 40 | 50 |
| **Total credits 29** | | | | | | | |

## SEMESTER –III

**The students will opt any one of the following three specializations.**

| Paper Code | Nomenclature | Course structure credits (L:T:P) | Credits | Hrs. per weak | Marks | | Total Marks |
|---|---|---|---|---|---|---|---|
| | | | | | Internal | External | |
| **Specialization-1: Forensic Chemical Sciences(A)** | | | | | | | |
| 17FSC23CA1 | Advanced Forensic Chemistry | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC23CA2 | Advanced Forensic Toxicology and Pharmacology | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC23LA1 | Forensic Lab Course –V (Based on Forensic Chemistry) | 0:0:4 | 4 | 8 | - | 100 | 100 |
| 17FSC23LA2 | Forensic Lab Course –VI (Based on Forensic Toxicology) | 0:0:4 | 4 | 8 | - | 100 | 100 |
| **Specialization-2: Forensic Biological Sciences(B)** | | | | | | | |
| 17FSC23CB1 | Theoretical and Practical Aspects of Biological Evidences | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC23CB2 | Forensic Genetics and Advanced DNA Forensics | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC23LB1 | Forensic Lab Course –VII (Based on Forensic Biology) | 0:0:4 | 4 | 8 | - | 100 | 100 |
| 17FSC23LB2 | Forensic Lab Course –VIII (Based on DNA Forensics) | 0:0:4 | 4 | 8 | - | 100 | 100 |
| **Specialization-3: Forensic Physical Sciences(P)** | | | | | | | |
| 17FSC23CP1 | Advanced Forensic Physics and Photography | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC23CP2 | Advanced Forensic Ballistics | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC23LP1 | Forensic Lab Course –IX (Based on Forensic Physics and Photography) | 0:0:4 | 4 | 8 | - | 100 | 100 |
| 17FSC23LP2 | Forensic Lab Course –X (Based on Forensic Ballistics) | 0:0:4 | 4 | 8 | - | 100 | 100 |
| **Discipline Specific Elective (D) (Opt any two )** | | | | | | | |
| 17FSC23DA1 | Instrumental Methods in Forensic Analysis | 3:1:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC23DA2 | Elements of Forensic Biology and Serology | 3:1:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC23DA3 | Elements of Forensic Chemistry and Toxicology | 3:1:0 | 4 | 4 | 20 | 80 | 100 |
| **Open Elective (O)** | | | | | | | |
| | To be chosen from the University Pool | 3:0:0 | **3** | | 20 | 80 | 100 |
| **Total credits 27** | | | | | | | |

## SEMESTER –IV

| Paper Code | Nomenclature | Course structure credits (L:T:P) | Credits | Hrs. per weak | Marks | | Total Marks |
|---|---|---|---|---|---|---|---|
| | | | | | Internal | External | |
| **Specialization-1: Forensic Chemical Sciences(A)** | | | | | | | |
| **Core Paper I** | | | | | | | |
| 17FSC24CA1 | Forensic Drugs Analysis | 3:1:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC24CA2 | Analytical Forensic Toxicology | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC24CA3 | Project work/Field work/ Dissertation/Group Seminar | 0:0:20 | 20 | - | - | - | 300 |
| **Specialization-2: Forensic Biological Sciences(B)** | | | | | | | |
| 17FSC24CB1 | Advanced Forensic Biology | 3:1:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC24CB2 | Forensic Physical Anthropology and Medicine | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC24CB3 | Project work/Field work/ Dissertation/Group Seminar | 0:0:20 | 20 | - | - | - | 300 |
| **Specialization-3: Forensic Physical Sciences(P)** | | | | | | | |
| 17FSC24CP1 | Advanced Fingerprints and Questioned Document Examination | 3:1:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC24CP2 | Advanced Computer and Cyber Forensics | 4:0:0 | 4 | 4 | 20 | 80 | 100 |
| 17FSC24CP3 | Project work/Field work/ Dissertation/Group Seminar | 0:0:20 | 20 | - | - | - | 300 |
| **Total credits 28** | | | | | | | |

## ANNEXURE – II

## M.Sc. BIOTECHNOLOGY
## SCHEME OF INSTRUCTION

### First Semester:

| Course name | Title of the Paper | Compulsory/ Elective | No.of Periods of instruction per week |
|---|---|---|---|
| 101 | Cell Biology | Core/Compulsory | 4 |
| 102 | Biomolecules | Core/Compulsory | 4 |
| 103 | Microbial Physiology & Genetics | Core/Compulsory | 4 |
| 104 | Analytical Tools and Techniques in Biotechnology | Core/Compulsory | 4 |
| 105 | Fundamentals Of English Grammar, Vocabulary & Phonetics | Non-Core/Elective | 3 |
| 106 | Lab-I: Cell Biology and Microbiology | Core/Compulsory | 6 |
| 107 | Lab-II: Biochemical Analysis and Techniques | Core/Compulsory | 6 |

### Second Semester:

| Course | Title of the Paper | Compulsory/ Elective | No.of Periods of instruction per week |
|---|---|---|---|
| 201 | Enzymology and Metabolism | Core/Compulsory | 4 |
| 202 | Molecular Biology | Core/Compulsory | 4 |
| 203 | Genetic Engineering | Core/Compulsory | 4 |
| 204 | Biology of Immune System | Core/Compulsory | 4 |
| 205 | Communication Skills | Non-Core/Elective | 3 |
| 206 | Lab-III: Molecular Biology & Genetic Engineering | Core/Compulsory | 6 |
| 207 | Lab-IV: Enzymology and Immunology | Core/Compulsory | 6 |

## Third Semester:

| Course No. | Title of the Paper | Compulsory/Elective | No. of Periods of instruction per Week |
|---|---|---|---|
| 301 | Animal Biotechnology | Core/Compulsory | 4 |
| 302 | Plant Biotechnology | Core/Compulsory | 4 |
| 303A | Cell Culture Technology and Tissue Engineering | Core/Elective | 4 |
| 303B | Intellectual Property Rights, Bio safety and Bioethics | Core/Elective | 4 |
| 303C | Vaccines | Core/Elective | 4 |
| 303D | Molecular Diagnostics | Core/Elective | 4 |
| 304A | Medical and Environmental Biotechnology | Core/Elective | 4 |
| 304B | Critical analysis of classical papers | Core/Elective | 4 |
| 304C | Bio-nanotechnology | Core/Elective | 4 |
| 304D | Bio-entrepreneurship | Core/Elective | 4 |
| 305 | Mental Ability, Reasoning And Quantitative Aptitude | Core/Elective | 3 |
| 306 | Lab-V: Plant Tissue Culture Techniques | Core/Compulsory | 6 |
| 307 | Lab-VI: Animal Cell Culture and Environmental | Core/Compulsory | 6 |

## Fourth Semester:

| Course No. | Title of the Paper | Compulsory/Elective | No. of Periods of instruction per Week |
|---|---|---|---|
| 401 | Heterologous Expression and Downstream Processing | Core/Compulsory | 4 |
| 402 | Bioinformatics and Biostatistics | Core/Compulsory | 4 |
| 403 | Soft Skills For Employability Enhancement | Non-Core/Elective | 3 |
| 404 | Lab-IV: Industrial Biotechnology and Bioinformatics | Core/Compulsory | 6 |
| 404 | Project work* | Core/Compulsory | |
| 405 | Seminar@ | | |

## Annexure - III
## Scheme of Examination as per Credit System

### First Semester:

| Course No. | Title of the Paper | No. of Credits | Maximum Marks | Double valuation (Internal + External) | Internal Assessment |
|---|---|---|---|---|---|
| 101 | Cell Biology | 4 | 100 | 75 | 25 |
| 102 | Biomolecules | 4 | 100 | 75 | 25 |
| 103 | Microbial Physiology and Genetics | 4 | 100 | 75 | 25 |
| 104 | Analytical Tools and Techniques in Biotechnology | 4 | 100 | 75 | 25 |
| 105 | Fundamentals Of English Grammar, Vocabulary & Phonetics | 2 | 100 | 75 | 25 |
| 106 | Lab 1: Cell Biology and Microbiology | 2 | 50 | 45 | 5 |
| 107 | Lab 2: Biochemical Analysis and Techniques | 2 | 50 | 45 | 5 |
| 108 | Field Visits/ Societal Engagement Programs | 2 | 25 | | |
| 109 | Physical education / Yoga/ Extracurricular activities/Swachh Bharat/ Internship etc. | 1 | | | |
| | **TOTAL** | **25** | **625** | | |

### Second Semester:

| Course No. | Title of the Paper | No. of Credits | Maximum Marks | Double valuation (Internal + External) | Internal Assessment |
|---|---|---|---|---|---|
| 201 | Enzymology and Metabolism | 4 | 100 | 75 | 25 |
| 202 | Molecular Biology | 4 | 100 | 75 | 25 |
| 203 | Genetic Engineering | 4 | 100 | 75 | 25 |
| 204 | Biology of Immune System | 4 | 100 | 75 | 25 |
| 205 | Communication Skills | 2 | 75 | 25 | |
| 206 | Lab III: Molecular Biology and Genetic Engineering | 2 | 50 | 45 | 5 |
| 207 | Lab IV: Enzymology and Immunology | 2 | 50 | 45 | 5 |
| 208 | Field Visits/ Societal | 2 | 25 | | |

| | | | | | |
|---|---|---|---|---|---|
| | Engagement Programs | | | | |
| 209 | MOOCs Courses | 2 | | | |
| 210 | Physical education / Yoga/ Extracurricular activities/Swachh Bharat/ Internship etc | 1 | | | |
| | **TOTAL** | **27** | **625** | | |

## Third Semester:

| Course No. | Title of the Paper | No. of Credits | Maximum Marks | Double valuation (Internal + External) | Internal Assessment |
|---|---|---|---|---|---|
| 301 | Animal Biotechnology | 4 | 100 | 75 | 25 |
| 302 | Plant Biotechnology | 4 | 100 | 75 | 25 |
| 303A Elective | Cell Culture Technology and Tissue Engineering | 4 | 100 | 75 | 25 |
| 303B Elective | Intellectual Property Rights, Bio safety and Bioethics | | | | |
| 303C Elective | Vaccines | | | | |
| 303D Elective | Molecular Diagnostics | | | | |
| 304A Elective | Medical and Environmental Biotechnology | 4 | 100 | 75 | 25 |
| 304B Elective | Critical analysis of classical papers | | | | |
| 304C Elective | Bio-nanotechnology | | | | |
| 304D Elective | Bio-entrepreneurship | | | | |
| 305 | Mental Ability, Reasoning And Quantitative Aptitude | 2 | 100 | 75 | 25 |
| 306 | Lab V: Plant Tissue Culture and Techniques | 2 | 50 | 45 | 5 |
| 307 | Lab VI: Animal Cell Culture and Environmental Biotechnology | 2 | 50 | 45 | 5 |
| 308 | Field Visits/ Societal Engagement Programs | 2 | 25 | | |
| 309 | MOOCs Courses | 2 | | | |
| 310 | Physical education / Yoga/ Extracurricular activities/Swachh Bharat/ Internship etc. | 1 | | | |
| | **TOTAL** | **27** | **625** | | |

**Fourth Semester**:

| Course No. | Title of the Paper | No. of Credits | Maximum Marks | Double valuation (Internal + External) | Internal Assessment |
|---|---|---|---|---|---|
| 401 | Heterologous Expression and Downstream Processing | 4 | 100 | 75 | 25 |
| 402 | Bioinformatics and Biostatistics | 4 | 100 | 75 | 25 |
| 403 | Soft Skills For Employability Enhancement | 2 | 100 | 75 | 25 |
| 404 | Lab VII: Industrial Biotechnology and Biostatistics | 2 | 50 | 45 | 5 |
| 404 | Project work and Dissertation | 6 | 150 | 150 | |
| 405 | Seminar | 2 | 50 | 50 | |
| 406 | Comprehensive Viva-Voce | 2 | 50 | 50* | |
| 407 | Field Visits/ Societal Engagement Programs | 2 | 25 | | |
| 408 | MOOCs Courses | 2 | | | |
| 409 | Physical education / Yoga/ Extracurricular activities/Swachh Bharat/ Internship etc. | 1 | | | |
| | **TOTAL** | **27** | **625** | | |

* Single Valuation by Viva-Voce committee

Total Marks: - First, Second, Third &Fourth Semesters put together: 625+625+625+625 = 2500

Total Credits: - First, Second, Third & Fourth Semesters put together: 25+27+27+27 = 104

Additional credits will be given to the students for Extension Work(2 credits), MOOCs (2 credits) and Physical education / Yoga/ Extracurricular activities/Swachh Bharat/ Internship etc.(1 credit). The student can also select Open/Free Elective as add on Course (Not mandatory & it is optional) (2 credits)

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Biology
## Semester-I

(Non Grading)

| S.No | Sub. Code | Sub. Name | Theory Marks | | | | Practical Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1. | MSB101T | Biology & Diversity of Viruses, Bacteria and Fungi | 85 | 28 | 15 | 05 | - | - | 100 |
| 2. | MSB102T | Biology & Diversity of Algae & Bryophytes | 85 | 28 | 15 | 05 | - | - | 100 |
| 3. | MSB103T | Biology & Diversity of Pteridophytes & Gymnosperms | 85 | 28 | 15 | 05 | - | - | 100 |
| 4. | MSB104T | Plant Ecology | 85 | 28 | 15 | 05 | - | - | 100 |
| 5. | MSB105P | Practical Ist | - | - | - | - | 50 | 17 | 50 |
| 6. | MSB106P | Practical IInd | - | - | - | - | 50 | 17 | 50 |
| **Total** | | | | | | | | | **500** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.Sc. Biology

## Semester-II

| S.No | Sub. Code | Sub. Name | Theory Marks | | | | Practical Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 7. | MSB201T | Plant Development & Reproduction | 85 | 28 | 15 | 05 | - | - | 100 |
| 8. | MSB202T | Morphology & Taxonomy of Angiosperms | 85 | 28 | 15 | 05 | - | - | 100 |
| 9. | MSB203T | Utilization & Conservation of Plant Resources | 85 | 28 | 15 | 05 | - | - | 100 |
| 10. | MSB204T | Cell Biology of Plants | 85 | 28 | 15 | 05 | - | - | 100 |
| 11. | MSB205P | Practical Ist | - | - | - | - | 50 | 17 | 50 |
| 12. | MSB206P | Practical IInd | - | - | - | - | 50 | 17 | 50 |
| **Total** | | | | | | | | | **500** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Biology
## Semester-III

(Non Grading)

| S.No | Sub. Code | Sub. Name | Theory Marks | | | | Practical Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1. | MSB301T | Plant Physiology | 85 | 28 | 15 | 05 | - | - | 100 |
| 2. | MSB302T | Plant Biochemistry & Metabolism | 85 | 28 | 15 | 05 | - | - | 100 |
| 3. | MSB303T | Cytogenetics & Genetics | 85 | 28 | 15 | 05 | - | - | 100 |
| 4. | MSB304T | Molecular Biology of Plants | 85 | 28 | 15 | 05 | - | - | 100 |
| 5. | MSB305P | Practical I – based on Course PG 301 & 302 | - | - | - | - | 50 | 17 | 50 |
| 6. | MSB306P | Practical II – based on Course PG 303 & 104 | - | - | - | - | 50 | 17 | 50 |
| **Total** | | | | | | | | | **500** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Biology
## Semester-IV

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Marks | | | | Practical Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1. | MSB401T | Plant Cell, Tissue & Organ Culture | 85 | 28 | 15 | 05 | - | - | 100 |
| 2. | MSB402T | Biotechnology & Genetic Engineering | 85 | 28 | 15 | 05 | - | - | 100 |
| 3. | MSB403T | **Elective I*** | 85 | 28 | 15 | 05 | - | - | 100 |
| | | Plant Pathology | | | | | | | |
| | | Industrial Microbiology | | | | | | | |
| 4. | MSB404T | **Elective II*** | 85 | 28 | 15 | 05 | - | - | 100 |
| | | Plant Society | | | | | | | |
| | | Pollution Ecology | | | | | | | |
| 5. | MSB405P | Practical I – based on Course PG 401 & 402 | - | - | - | - | 50 | 17 | 50 |
| 6. | MSB406P | Practical II – based on Course PG 403 & 404 | - | - | - | - | 50 | 17 | 50 |
| 7. | MSB407P | Project work | - | - | - | - | 100 | 33 | 100 |
| **Total** | | | | | | | | | **600** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Botany
## Semester-I

(Non Grading)

| S.No | Sub. Code | Sub. Name | Theory Marks | | | | Practical Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1. | MSB101T | Biology & Diversity of Viruses, Bacteria and Fungi | 85 | 28 | 15 | 05 | - | - | 100 |
| 2. | MSB102T | Biology & Diversity of Algae & Bryophytes | 85 | 28 | 15 | 05 | - | - | 100 |
| 3. | MSB103T | Biology & Diversity of Pteridophytes & Gymnosperms | 85 | 28 | 15 | 05 | - | - | 100 |
| 4. | MSB104T | Plant Ecology | 85 | 28 | 15 | 05 | - | - | 100 |
| 5. | MSB105P | Practical Ist | - | - | - | - | 50 | 17 | 50 |
| 6. | MSB106P | Practical IInd | - | - | - | - | 50 | 17 | 50 |
| **Total** | | | | | | | | | **500** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination

## M.Sc. Botany

## Semester-II

| S.No | Sub. Code | Sub. Name | Theory Marks | | | | Practical Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 7. | MSB201T | Plant Development & Reproduction | 85 | 28 | 15 | 05 | - | - | 100 |
| 8. | MSB202T | Morphology & Taxonomy of Angiosperms | 85 | 28 | 15 | 05 | - | - | 100 |
| 9. | MSB203T | Utilization & Conservation of Plant Resources | 85 | 28 | 15 | 05 | - | - | 100 |
| 10. | MSB204T | Cell Biology of Plants | 85 | 28 | 15 | 05 | - | - | 100 |
| 11. | MSB205P | Practical Ist | - | - | - | - | 50 | 17 | 50 |
| 12. | MSB206P | Practical IInd | - | - | - | - | 50 | 17 | 50 |
| **Total** | | | | | | | | | **500** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Botany
## Semester-III

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Marks | | | | Practical Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1. | MSB301T | Plant Physiology | 85 | 28 | 15 | 05 | - | - | 100 |
| 2. | MSB302T | Plant Biochemistry & Metabolism | 85 | 28 | 15 | 05 | - | - | 100 |
| 3. | MSB303T | Cytogenetics & Genetics | 85 | 28 | 15 | 05 | - | - | 100 |
| 4. | MSB304T | Molecular Biology of Plants | 85 | 28 | 15 | 05 | - | - | 100 |
| 5. | MSB305P | Practical I – based on Course PG 301 & 302 | - | - | - | - | 50 | 17 | 50 |
| 6. | MSB306P | Practical II – based on Course PG 303 & 104 | - | - | - | - | 50 | 17 | 50 |
| **Total** | | | | | | | | | **500** |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Botany
## Semester-IV

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Marks | | | | Practical Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1. | MSB401T | Plant Cell, Tissue & Organ Culture | 85 | 28 | 15 | 05 | - | - | 100 |
| 2. | MSB402T | Biotechnology & Genetic Engineering | 85 | 28 | 15 | 05 | - | - | 100 |
| 3. | MSB403T | **Elective I*** | 85 | 28 | 15 | 05 | - | - | 100 |
| | | Plant Pathology | | | | | | | |
| | | Industrial Microbiology | | | | | | | |
| 4. | MSB404T | **Elective II*** | 85 | 28 | 15 | 05 | - | - | 100 |
| | | Plant Society | | | | | | | |
| | | Pollution Ecology | | | | | | | |
| 5. | MSB405P | Practical I – based on Course PG 401 & 402 | - | - | - | - | 50 | 17 | 50 |
| 6. | MSB406P | Practical II – based on Course PG 403 & 404 | - | - | - | - | 50 | 17 | 50 |
| 7. | MSB407P | Project work | - | - | - | - | 100 | 33 | 100 |
| **Total** | | | | | | | | | **600** |

# Scheme of Examination

Of

M.Sc. Chemistry

**I to IV Semester**

Effective for Academic Year July 2022 onwards

**Dr. Preeti Global University, Shivpuri (M.P)**

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Chemistry
## Semester-I
## (W.e.f. July 2022 Onwards)

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MSC101T** | Inorganic Chemistry I | 85 | 28 | 15 | 06 | - | - | 100 |
| | **MSC101P** | Inorganic Chemistry Practical | - | - | - | - | 33 | 12 | 33 |
| 2 | **MSC** 102T | Organic Chemistry I | 85 | 28 | 15 | 06 | - | - | 100 |
| | **MSC** 102P | Organic Chemistry Practical | - | - | - | - | 33 | 12 | 33 |
| 3 | **MSC** 103T | Physical Chemistry-I | 85 | 28 | 15 | 06 | - | - | 100 |
| | **MSC** 103P | Physical Chemistry Practical | - | - | - | - | 34 | 12 | 34 |
| 4 | **MSC** 104T | Group Theory & Spectroscopy I | 85 | 28 | 15 | 06 | - | - | 100 |
| 5 | **MSC** 105T | *Mathematics For Chemists | 85 | 28 | 15 | 06 | - | - | 100 |
| | **MSC** 106T | #Biology For Chemists | 85 | 28 | 15 | 06 | - | - | 100 |
| **Total** | | | | | | | | | 600 |

*For students with Biology in B.Sc.

# For students with Mathematics in B.Sc.

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Chemistry
## Semester-II
## (w.e.f. July 2022 Onwards)

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MSC201T** | Inorganic Chemistry II | 85 | 28 | 15 | 06 | - | - | 100 |
| | **MSC201P** | Inorganic Chemistry Practical | - | - | - | - | 33 | 12 | 33 |
| 2 | **MSC** 202T | Organic Chemistry II | 85 | 28 | 15 | 06 | - | - | 100 |
| | **MSC** 202P | Organic Chemistry Practical | - | - | - | - | 33 | 12 | 33 |
| 3 | **MSC** 203T | Physical Chemistry-II | 85 | 28 | 15 | 06 | - | - | 100 |
| | **MSC** 203P | Physical Chemistry Practical | - | - | - | - | 34 | 12 | 34 |
| 4 | **MSC** 204T | Group Theory & Spectroscopy II | 85 | 28 | 15 | 06 | - | - | 100 |
| 5 | **MSC205T** | Computer For Chemists | 85 | 28 | 15 | 06 | - | - | 100 |
| Total | | | | | | | | | 600 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Chemistry
## Semester-III
## (w.e.f. July 2022Onwards)

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MSC301T** | Molecular Spectroscopy | 85 | 28 | 15 | 06 | - | - | 100 |
| 2 | **MSC** 302T | Photochemistry | 85 | 28 | 15 | 06 | - | - | 100 |
| 3 | **MSC** 303T | Bio-Inorganic Chemistry | 85 | 28 | 15 | 06 | - | - | 100 |
| 4 | **MSC** 304T | Diffraction Method and Photoelectron Spectroscopy | 85 | 28 | 15 | 06 | - | - | 100 |
| | **Optional** | **Any one** | 85 | 28 | 15 | 06 | - | - | 100 |
| 5 | **MSC305T** | Medicinal Chemistry (Optional) | | | | | | | |
| | **MSC306T** | Polymer (Optional) | | | | | | | |
| | **MSC307T** | Organic Synthesis (Optional) | | | | | | | |
| | **MSC308P** | Spectral Interpretation | - | - | - | - | 100 | 33 | 100 |
| Total | | | | | | | | | 600 |

# Dr. Preeti Global University, Shivpuri (M.P)

## Scheme of Examination
## M.Sc. Chemistry
## Semester-IV
## (w.e.f. July 2022 Onwards)

**(Non Grading)**

| S.No | Sub. Code | Sub. Name | Theory Max. Marks | | | | Practical Max Marks | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|
| | | | End Sem. | | Mid Sem./ Assignment Average of two | | | | |
| | | | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | |
| 1 | **MSC401T** | Analytical Chemistry | 85 | 28 | 15 | 06 | - | - | 100 |
| 2 | **MSC** 402T | Environmental Chemistry | 85 | 28 | 15 | 06 | - | - | 100 |
| 3 | **MSC** 403T | Solid State Chemistry and Material Science | 85 | 28 | 15 | 06 | - | - | 100 |
| 4 | **MSC** 404T | Bioorganic Chemistry | 85 | 28 | 15 | 06 | - | - | 100 |
| | **Optional** | **Any one** | 85 | 28 | 15 | 06 | - | - | 100 |
| 5 | **MSC405T** | Organ metallic Chemistry (Optional) | | | | | | | |
| | **MSC406T** | Chemistry of Natural Product (Optional) | | | | | | | |
| | **MSC407T** | Heterocyclic Chemistry (Optional) | | | | | | | |
| | **MSC408P** | Dissertation/Project | - | - | - | - | 100 | 33 | 100 |
| Total | | | | | | | | | 600 |

Dr. Preeti Global University, Shivpuri (M.P)

# Scheme

**Marks Distribution for**

**M.Sc. Physics**

## M.Sc. -I SEMESTER

**(w.e.f. July 2022 Onwards)**

| Paper | Subject Code | Paper Title | Max. Marks | | |
|---|---|---|---|---|---|
| | | | End Sem | CCE | Total |
| I | MSP101T | MATHEMATICAL PHYSICS | 85 | 15 | 100 |
| II | MSP102T | CLASSICAL MECHANICS | 85 | 15 | 100 |
| III | MSP103T | QUANTUM MECHANICS- I | 85 | 15 | 100 |
| IV | MSP104T | ELECTRONIC DEVICES | 85 | 15 | 100 |
| V | MSP105P | LAB A | - | - | 50 |
| VI | MSP106P | LAB B | - | - | 50 |
| | | **TOTAL** | **500** | | |

Dr. Preeti Global University, Shivpuri (M.P)

# Scheme

## Marks Distribution for

## M.Sc. Physics

## M.Sc. -II SEMESTER

**(w.e.f. July 2022 Onwards)**

| Paper | Subject Code | Paper Title | Max. Marks | | |
|---|---|---|---|---|---|
| | | | End Sem | CCE | Total |
| I | MSP201T | QUANTUM MECHANICS -II | 85 | 15 | 100 |
| II | MSP202T | STATISTICAL MECHANICS | 85 | 15 | 100 |
| III | MSP203T | ELECTRODYNAMICS AND PLASMA PHYSICS | 85 | 15 | 100 |
| IV | MSP204T | ATOMIC AND MOLECULAR PHYSICS | 85 | 15 | 100 |
| V | MSP205P | LAB A | - | - | 50 |
| VI | MSP206P | LAB B | - | - | 50 |
| | | **Total** | **600** | | |

Dr. Preeti Global University, Shivpuri (M.P)

# Scheme

**Marks Distribution for**

**M.Sc. Physics –III**

**(w.e.f. July 2022 Onwards)**

## M.Sc. -III SEMESTER (PHYSICS)

| Paper | Subject Code | Paper Title | Max. Marks | | |
|---|---|---|---|---|---|
| | | | End Sem | CCE | Total |
| I | MSP301T | Condensed Matter Physics | 85 | 15 | 100 |
| II | MSP302T | Nuclear and Practice | 85 | 15 | 100 |
| III | MSP303T | Atomic &Molecular Physics-II | 85 | 15 | 100 |
| IV | MSP304T | Digital Electronics | 85 | 15 | 100 |
| V | MSP305P | LAB A | - | - | 50 |
| VI | MSP306P | LAB B | - | - | 50 |
| | | **TOTAL** | **500** | | |

Dr. Preeti Global University, Shivpuri (M.P)

# Scheme

**Marks Distribution for**

**M.Sc. Physics – IV Semester**

**(w.e.f. July 2022 Onwards)**

## M.Sc. IV SEMESTER (PHYSICS)

| Paper | Subject Code | Paper Title | Max. Marks | | |
|---|---|---|---|---|---|
| | | | End Sem | CCE | Total |
| I | MSP401T | Condensed Matter Physics –II | 85 | 15 | 100 |
| II | MSP402T | Laser Physics | 85 | 15 | 100 |
| III | MSP403T | Computer Programming & Informatics | 85 | 15 | 100 |
| IV | MSP404T | Communication Electronic | 85 | 15 | 100 |
| V | MSP405P | LAB A | - | - | 50 |
| VI | MSP406P | LAB B | - | - | 50 |
| VII | MSP407P | Project Work | - | - | 100 |
| | | **Total** | **600** | | |

**Bachelor of Social Work**

**SEMESTER I**

| Sr. No. | Course Code | Course Title | L | T | P | Internal Assessment | End Semester Exam | Total | Credit | Category Code |
|---|---|---|---|---|---|---|---|---|---|---|
| 1. | BSW-101 | Foundations of Social Work | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC |
| 2. | BSW-102 | Social Science Concepts and Social Work | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC |
| 3. | BSW-103 | Communicative English | 4 | 0 | 0 | 25 | 75 | 100 | 4 | AECC |
| 4. | BSW-104 | Environmental Science | 4 | 0 | 0 | 25 | 75 | 100 | 4 | OEC1/GE1 |
| 5. | BSW-105 | Introduction to Field Work Practice 1 | 4 | 0 | 0 | 25 | 75 | 100 | 4 | FWP-1 |
| 6. | BSW-106 | Fundamentals of Computer | | 0 | 4 | 15 | 35 | 50 | 2 | AECC |
| 7 | BSW-107 | Class Presentation | 0 | 0 | 4 | 15 | 35 | 50 | 2 | AECC |
| | **Total** | | **24** | | | **225** | **375** | **600** | **24** | |

* DCC – Discipline Core Course; AECC – Ability Enhancement Compulsory Course,
L – Lecture; T - Tutorial; P – Practical; Project Assessment: continuous.

Minor Project/Lab will be conducted as practical. No credits for Seminar. The submission of project should be two weeks before the end semester exam commences.

#OEC for BSW students: Students enrolled in Bachelor of Social Work must first explore courses offered on centralized basis with preference to courses offered in media/ communication/journalism/animation. If no suitable course in the interest of Arts students is found, then the students may opt for the OEC floated by the parent department.

**Bachelor of Social Work**

**SEMESTER II**

| Sr. No. | Subject Code | Title | L | T | P | Sessional Marks | Final Exam Marks | Total | Credits | Category code |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BSW-201 | Psychology and Social Work | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC 3 |
| 2 | BSW-202 | Contemporary Social Problems and Concerns | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC 4 |
| 3 | BSW-203 | Social Work Practice and MIL | 4 | 0 | 0 | 25 | 75 | 100 | 4 | AECC-2 |
| 4 | BSW-204 | OEC/GE-2 | 4 | 0 | 0 | 25 | 75 | 100 | 4 | OEC/GE-2 |
| 5. | BSW-205 | Field Work Practice-II + viva voce | 0 | 0 | 12 | 50 | 150 | 200 | 8 (6+2) | FWP-2 |
| 6. | BSW-206 | Observation Visit | 0 | 0 | 4 | 15 | 35 | 50 | 2 | DCC+ AECC |
| | **Total** | | **32** | | | **200** | **450** | **650** | **26** | |

* DCC – Discipline Core Course; AECC – Ability Enhancement Compulsory Course, L – Lecture; T - Tutorial; P – Practical; Project Assessment: continuous.

Minor Project/Lab will be conducted as practical. No credits for Seminar. The submission of project should be two weeks before the end semester exam commences.

#OEC for BSW students: Students enrolled in Bachelor of Social Work must first explore courses offered on centralized basis with preference to courses offered in media/ communication/journalism/animation. If no suitable course in the interest of Arts students is found, then the students may opt for the OEC floated by the parent department.

**Bachelor of Social Work**

**SEMESTER III**

| Sr. No. | Subject Code | Title | L | T | P | Internal Assessment | End Semester Exam | Total | Credits | Category code |
|---|---|---|---|---|---|---|---|---|---|---|
| 1. | BSW-301 | Social Case Work | 4 | | 0 | 25 | 75 | 100 | 4 | DCC-5 |
| 2. | BSW-302 | Social Group Work | 4 | | 0 | 25 | 75 | 100 | 4 | DCC-6 |
| 3. | BSW-303 | Community Organization and Social Action | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC-7 |
| 4. | BSW-304 | Programme Media and its Application | 4 | 0 | 0 | 25 | 75 | 100 | 4 | SEC-1 |
| 5 | BSW-305 | Field Work Practice-III + viva voce | 0 | 0 | 12 | 50 | 150 | 200 | 8 (6+2) | FWP-3 |
| 6. | BSW-306 | Class Presentation | 0 | 0 | 4 | 15 | 35 | 50 | 2 | DCC+ AECC |
| | **Total** | | **32** | | | **200** | **450** | **650** | **26** | |

## Bachelor of Social Work

## SEMESTER IV

| Sr. No. | Subject Code | Title | L | T | P | Sessional Marks | Final Exam Marks | Total | Credits | Category code |
|---|---|---|---|---|---|---|---|---|---|---|
| 1. | BSW-401 | Social Policy, Planning and Development | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC-8 |
| 2. | BSW-402 | Human Rights and Social Justice | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC-9 |
| 3. | BSW-403 | Social Legislation in India | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC-10 |
| 4. | BSW-404 | Skill Development and Entrepreneurship | 4 | 0 | 0 | 25 | 75 | 100 | 4 | SEC-2 |
| 5. | BSW-405 | Field Work Practice-IV + Viva voce | 0 | 0 | 12 | 50 | 150 | 200 | 8 (6+2) | FPW-4 |
| 6. | BSW-406 | Rural Educational Camp | 0 | 0 | 4 | 15 | 35 | 50 | 2 | REC |
| | Total Credits | | **32** | | | **165** | **485** | **650** | **26** | |

## Bachelor of Social Work

## SEMESTER V

| Sr. No. | Subject Code | Title | L | T | P | Sessional Marks | Final Exam Marks | Total | Credits | Category code |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BSW-501 | Social Work Research | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC-11 |
| 2 | BSW-502 | Areas of Social Work Practice - I | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC-12 |
| 3 | BSW-503 | i) Corporate Social Responsibility<br>OR<br>ii) Disaster Management<br>OR<br>iii) Environmental Social Work | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DSE-1 |
| 4. | BSW-504 | (i) Social Deviance<br>OR<br>(ii) NGO and Project Formulation<br>OR<br>(iii) Counselling and Guidance | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DSE-2 |
| 5. | BSW-505 | Field Work Practice-V + viva voce | 0 | 0 | 12 | 50 | 150 | 200 | 8 (6 +2) | FWP-5 |
| 6. | BSW-506 | Class Presentation | 0 | 0 | 4 | 15 | 35 | 50 | 2 | DCC+ AECC |
| | Total | | **32** | | | **200** | **450** | **650** | **26** | |

## Bachelor of Social Work

## SEMESTER VI

| Sr. No. | Subject Code | Title | L | T | P | Internal Marks | Final Exam Marks | Total | Credits | Category code |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BSW-601 | Social Welfare Administration | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC |
| 2 | BSW-602 | Areas of Social Work Practice -II | 4 | 0 | 0 | 25 | 75 | 100 | 4 | DCC |
| 3 | BSW-603 | Dissertation +Viva voce | 0 | 0 | 8 | 50 | 100 | 150 | 6 (4+2) | DSE-3 |
| 4. | BSW-604 | Human Values | 0 | 0 | 2 | 50 | - | 50 | 2 | CP |
| 5. | BSW-605 | Field Work Practice-VI + Viva Voce on field work | 0 | 0 | 12 | 50 | 150 | 200 | 8 (6 +2) | FWP-6 |
| | | **Total** | **30** | | | **200** | **400** | **600** | **24** | |

CP – Compulsory Paper (as per University guideline)

**One MOOC Course to be qualified in any semester of BSW Program**

| Paper Code | Course | Course Requirements (Hrs) | Credits |
|---|---|---|---|
| -------- | MOOC* | 4 | 4 to 6 |

*** The MOOC Course can be qualified during the duration of the Programme (First to Six semester) through Swayam platform (UGC)**

# DR. PREETI GLOBAL UNIVERSITY, SHIVPURI (M.P)

## Master of Social work (MSW) 2022

**MSW (MASTER of SOCIAL WORK) EXAMINATION-Shall be conducted in FOUR SEMESTER, each having 500 (five Hundred) Marks, totaling to 2000 marks. The detailed course structure Semester wise is mentioned below.**

**MSW (MASTER of SOCIAL WORK)**
**Ist SEMESTER**

| Paper/CC | Title of the Paper | I | T | Total |
|---|---|---|---|---|
| I/CC1 | Social work History and Ideology- Indian Perspective | 20 | 80 | 100 |
| II/ CC2 | Population and Environment | 20 | 80 | 100 |
| III/ CC 3 | Working with Groups / Group Work | 20 | 80 | 100 |
| IV/ CC 4 | Social work Research – Qualitative Method | 20 | 80 | 100 |
| V/ CC5 | Human Growth and Development | 20 | 80 | 100 |

**MSW (MASTER of SOCIAL WORK) II SEMESTER**

| Paper/ CC | Title of the Paper | I | T | Total |
|---|---|---|---|---|
| VI/ CC 6 | Social work History and Ideology- Western Perspective | 20 | 80 | 100 |
| VII/ CC 7 | Political Economy of Development | 20 | 80 | 100 |
| VIII/ CC 8 | Process and Evaluation of Group Formation | 20 | 80 | 100 |
| IX/ CC 9 | Social work Research –Quantitative Method | 20 | 80 | 100 |
| X/P 1 | Social Work Practicum | - | - | 100 |

**MSW (MASTER of SOCIAL WORK) III SEMESTER**

| Paper/ CC | Title of the Paper | I | T | Total |
|---|---|---|---|---|
| XI/ CC 10 | Sociology for Social Work in India | 20 | 80 | 100 |
| XII/ CC 11 | Social Work Personal, Training and Development | 20 | 80 | 100 |
| XIII/ CC 12 | Family Social Work | 20 | 80 | 100 |
| XIV/ CC 13 | Social Policy in India | 20 | 80 | 100 |
| XV/ CC14 | Legal System in India | 20 | 80 | 100 |

**MSW (MASTER of SOCIAL WORK) IV SEMESTER**

| Paper/ CC | Title of the Paper | I | T | Total |
|---|---|---|---|---|
| XVI/ CC 15 | Social Control and Change in India | 20 | 80 | 100 |
| XVII/ CC 16 | Social Development | 20 | 80 | 100 |
| XVIII/ CC 17 | Social Planning in India | 20 | 80 | 100 |
| XIX/ CC 18 | Integrated Social Work Practice | 20 | 80 | 100 |
| XX/ P 2 | Research Project With Block Placement and Field Work Report | - | - | 100 |

*(All figures in '00 unless specified)*

*BALANCE SHEET AS AT MARCH 31, 2024*

| Particulars | Note No. | Figures as at the end of current reporting period | | Figures as at the end of previous reporting period | |
|---|---|---|---|---|---|
| **I. EQUITY AND LIABILITIES** | | | | | |
| **(1) Shareholder's Funds** | | | | | |
| (a) Share Capital | 3 | 1,000.00 | | 1,000.00 | |
| (b) Reserves and Surplus | 4 | 9,49,345.41 | | 7,13,958.25 | |
| (c ) Money received against share warrents | 5 | - | 9,50,345.41 | - | 7,14,958.25 |
| **(2) Share application money pending allotment** | 6 | - | - | | - |
| **(3) Non-Current Liabilities** | | | | | |
| (a) Long-term borrowings | 7 | 1,24,638.40 | | 1,38,580.68 | |
| (b) Deferred tax liabilities (Net) | 8 | - | | - | |
| (c) Other Long term liabilities | | - | | - | |
| (d) Long term provisions | | - | 1,24,638.40 | - | 1,38,580.68 |
| **(4) Current Liabilities** | | | | | |
| (a) Short-term borrowings | 9 | 10,000.00 | | 10,000.00 | |
| (b) Trade payables | 10 | | | | |
| (i) Total outstanding dues - MSME | | - | | - | |
| (ii) Total outstanding dues - Others | | 3,624.32 | | - | |
| (c) Other current liabilities | 11 | 24,750.93 | | 59,652.10 | |
| (d) Short-term provisions | 12 | - | 38,375.25 | - | 69,652.10 |
| **TOTAL** | | | 11,13,359.06 | | 9,23,191.03 |
| **II. ASSETS** | | | | | |
| **(1) Non-current assets** | | | | | |
| (a) Property, Plant & Equipment & Intangible Assets | | | | | |
| (i) Property, Plant & Equipment | 13 | 2,25,745.03 | | 2,14,051.26 | |
| (ii) Intangible assets | | - | | - | |
| (iii) Capital work-in-progress | 14 | 2,57,805.99 | | 72,961.85 | |
| (iv) Intangible assets in development | 14 | - | | - | |
| (b) Non-current investments | 15 | 5,39,000.00 | | 5,39,000.00 | |
| (c) Deferred tax assets (net) | 8 | - | | - | |
| (d) Long term loans and advances | 16 | - | | - | |
| (e) Other non-current assets | 17 | - | 10,22,551.02 | - | 8,26,013.11 |
| **(2) Current assets** | | | | | |
| (a) Current investments | | 6,964.77 | | 46,195.06 | |
| (b) Inventories | 18 | - | | - | |
| (c) Trade receivables | 19 | - | | - | |
| (d) Cash and cash equivalents | 20 | 74,267.09 | | 41,444.07 | |
| (e) Short-term loans and advances | 21 | 1,067.42 | | 1,067.42 | |
| (f) Other current assets | 22 | 8,508.76 | 90,808.04 | 8,471.37 | 97,177.92 |
| **TOTAL** | | | 11,13,359.06 | | 9,23,191.03 |
| **Contingent Liabilities & Commitments** | | | - | | - |

***Note : Significant Accounting Policies & Notes On Accounts are annexed.***

*Note : The accompanying Profit and Loss Account and Notes referred form integral part of the Balance Sheet.*

**AMS & ASSOCIATES**
Chartered Accountants
FRN - 017488C

**CA Mayank Agarwal**
MNo. 424876
Partner

Jhansi
Date **05.09.2024**
**UDIN**

For and on behalf of the board of directors of
**LAXMAN SETH EDUCATIONAL FOUNDATION**

Director
Laxman Seth Educational Foundation

**Sanjeev Gupta**
Director
DIN:01014162

Director
Laxman Seth Educational Foundation

**Preeti Gupta**
Director
DIN:01014174

*(All figures in '00 unless specified)*

***PROFIT AND LOSS ACCOUNT FOR THE PERIOD 01.04.2023 TO 31.03.2024***

| Particulars | Note No. | Figures as at the end of current reporting | Figures as at the end of previous reporting |
|---|---|---|---|
| I. Revenue from operations | 23 | 4,67,002.43 | 3,47,087.80 |
| II. Other Income | 24 | 3,064.81 | 26,081.38 |
| **III. Total Income (I +II)** | | 4,70,067.24 | 3,73,169.18 |
| ***IV. Expenses:*** | | | |
| Cost of materials consumed | 25 | - | - |
| Purchase of Stock-in-Trade | 26 | - | - |
| Change in inventories of finished goods | | 0.00 | 0.00 |
| Work in progress and stock in trade | | - | - |
| Employee benefit expense | 27 | 1,73,453.95 | 1,14,237.08 |
| Financial costs | 28 | 581.90 | 1,626.81 |
| Depreciation and amortization expense | | 15,857.33 | 15,686.25 |
| Other expenses | 29 | 44,786.90 | 55,646.68 |
| **Total Expenses** | | 2,34,680.08 | 1,87,196.82 |
| V. Profit before exceptional and extraordinary items and tax | (III - IV) | 2,35,387.16 | 1,85,972.36 |
| VI. Exceptional Items | | - | - |
| VII. Profit before extraordinary items and tax | (V - VI) | 2,35,387.16 | 1,85,972.36 |
| VIII. Extraordinary Items | | - | - |
| IX. Profit before tax | (VII - VIII) | 2,35,387.16 | 1,85,972.36 |
| X. Tax expense: | | | |
| (1) Current tax | | - | - |
| (2) Deferred tax | | - | - |
| XI. Profit(Loss) from the period from continuing operations | (IX-X) | 2,35,387.16 | 1,85,972.36 |
| XII. Profit/(Loss) from discontinuing operations | | - | - |
| XIII. Tax expense of discounting operations | | - | - |
| XIV. Profit/(Loss) from Discontinuing operations | (XII - XIII) | - | - |
| **XV. Profit/(Loss) for the period** | (XI + XIV) | 2,35,387.16 | 1,85,972.36 |
| *XVI. Earning per equity share:* | 30 | | |
| *(1) Basic* | | *23.5387* | *18.5972* |
| *(2) Diluted* | | *23.5387* | *18.5972* |

*Note : The Notes referred to above form integral part of the Profit & Loss Account.*

Certain items in Profit & Loss A/c and Balance Sheet has been regrouped for better presentation and accordingly regrouping has been done with Previous year and Current year figures.

***Note : Significant Accounting Policies & Notes On Accounts are annexed.***

*Note : The accompanying Profit and Loss Account and Notes referred form integral part of the Balance Sheet.*

For and on behalf of
**AMS & ASSOCIATES**
Chartered Accountants

**CA Mayank Agarwal**
MNo. 424876
Partner

Jhansi
Date 05.09.2024
**UDIN**

For and on behalf of the board of directors of
**LAXMAN SETH EDUCATIONAL FOUNDATION**

**Sanjeev Gupta**
Director
DIN:01014162

**Preeti Gupta**
Director
DIN:01014174

Director
Laxman Seth Educational Foundation

Director
Laxman Seth Educational Foundation

*CASH FLOW STATEMENT FOR THE PERIOD 01.04.2023 TO 31.03.2024*

| Particulars | Figures as at the end of current reporting period | | Figures as at the end of previous reporting period | |
|---|---|---|---|---|
| Cash from operating activities: | | | | |
| **Net Profit/loss after Exceptional Items & before tax:** | 2,35,387.16 | | 1,85,972.36 | |
| **Adjustment for non cash and non operating items:** | | | - | |
| Depreciation | 15,857.33 | | 15,686.25 | |
| Financial cost | - | | - | |
| Non operating Incomes: Interest | - | | - | |
| Adj in Reserve and Surplus | - | | - | |
| **Operating profit before working capital changes:** | **2,51,244.49** | | 2,01,658.61 | |
| **Changes In Working Capital:** | | | | |
| Decrease/(Increase) in inventories | - | | - | |
| Decrease/(Increase) in trade receivables | - | | 44.82 | |
| Decrease/(Increase) in other current assets | -37.39 | | 70.00 | |
| Decrease/(Increase) in short term loan/advances | - | | -1,985.78 | |
| Increase/(Decrease) in short term borrowings | - | | - | |
| Increase/(Decrease) in trade payables | 3,624.32 | | - | |
| Increase/(Decrease) in other current liabilities | -34,901.17 | | -43,106.25 | |
| Increase/(Decrease) in short term provisions | - | | - | |
| **Cash flow from Operating Activities before tax:** | **2,19,930.25** | | 1,56,681.40 | |
| **Adjustment for tax paid:** | - | | - | |
| **Net Cash flow from operating activities: (A)** | | **2,19,930.25** | | 1,56,681.40 |
| Cash flow from Investing activities: | | | | |
| Purchase of fixed assets | -2,12,395.24 | | -73,748.36 | |
| Sale of fixed assets | - | | - | |
| Interest Received | - | | - | |
| Decrease/(Increase) in Current Investments | 39,230.29 | | -45,161.01 | |
| Decrease/(Increase) in Non Current Investments | - | | - | |
| Decrease/(Increase) in Non Current assets | - | | - | |
| **Net cash flow from Investing Activities: (B)** | | **-1,73,164.95** | | -1,18,909.37 |
| **Cash flow from financing activities:** | | | | |
| Increase/ (Decrease)in long term liabilities | -13,942.28 | | -30,056.79 | |
| Increase/ (Decrease in Share Capital | - | | - | |
| Finance cost paid | - | | - | |
| **Net cash flow from Financing activities: (C)** | | **-13,942.28** | | **-30,056.79** |
| **Net Cash Flow** **(A-B+C)** | | 32,823.02 | | 7,715.24 |
| Add: Opening cash and cash equivalents | | **41,444.07** | | 33,728.83 |
| **Closing Cash and Cash Equivalents** | | **74,267.09** | | 41,444.07 |

Director
Laxman Seth Educational Foundation

Director
Laxman Seth Educational Foundation

***SIGNIFICANT ACCOUNTING POLICIES & NOTES ON ACCOUNTS FORMING PART OF FINANCIAL STATEMENTS FOR THE PERIOD 01.04.2023 TO 31.03.2024***

## *NOTE - 1 SIGNIFICANT ACCOUNTING POLICIES*

1 **General**

i) These accounts are prepared on historical cost basis and on accounting principles of a going concern.
ii) Accounting policies not specifically referred to otherwise are consistent and in consonance with generally accepted accounting principles.
iii) The accounts are prepared following accrual (mercantile) system of accounting unless otherwise specified.

2 **Revenue (Income)** is recognised when no significant uncertainty as to the measurability or realisation exists.

3 **Expenses** are accounted on accrual basis.

4 **Investments** are stated at cost.

5 **Property, Plant & Equipment**: The Property, Plant & Equipment are taken at cost including amounts incurred incidental thereto in case of new assets and at written down value, in case of old assets.

6 **Depreciation:** Depreciation on Property, plant and Equipments is provided on Written Down Value method in the manner and at the rate specified in the Schedule II to the Companies Act, 2013.

7 **Current Assets:** Closing stocks are valued at cost or net realisable value, whichever is lower. Fall in realisable value of any current asset other than closing stock is provided in the year, it is fully ascertained.
The deposits with the banks, etc. for purpose of the business are treated as current assets.
The scrap material, if any, is taken in books as and when its value is realized/ ascertained.

8 **Liabilities**: Reduction in liability is provided in the year in which it is fully ascertained. No provision is made for liabilities which are contingent in nature. Material known liabilities are provided for based on available information/estimates.

9 **Taxation:** Provision for current tax is made on the basis of estimated taxable income for the period.
Deferred tax is recognised, subject to consideration of prudence, on timing differences between taxable income and accounting income for the period that originate in one period and are capable of reversal in one or more subsequent periods.

Deferred tax assets are not recognised on unabsorbed depreciation and carry forward of losses, unless there is virtual certainty that sufficient future taxable income will be available against which such deferred tax assets can be realised.

10 **Borrowing Cost:** Borrowing costs, allocated to and utilized for qualifying assets, pertaining to the period from date of funds borrowed upto the date of put to use of such asset are added to the cost of the assets. All other borrowing costs are charged to the Profit and Loss Statement in the period in which they are incurred.

**Note:** There has been no change in the accounting policies with the last year policies

## *NOTE - 2 ADDITIONAL DISCLOSURES*

| NOTE | CURRENT YEAR | PREVIOUS YEAR |
|---|---|---|
| 2.1. Earnings and expenses in foreign exchange | NIL | NIL |
| 2.2. Companies' interest, as a venturer, in jointly controlled entities | NIL | NIL |

2.3. Related party disclosure as per AS-18:

*(i) Names of related parties and description of relationship*

| Nature of Relationship | Name of the Related party |
|---|---|
| Holding Companies | NIL |
| Subsidiary Companies | NIL |
| Fellow Subsidiaries | NIL |
| Associates | NIL |
| Key Management Personnel | Sanjeev Gupta, Preeti Gupta |
| Relatives of KMP having significant influence | Nil |
| Enterprise in which KMP, Director and relative | Nil |

*(ii) Details of transactions with related parties*

| Related Party | Nature of Transaction | Amount | Amount written off | Closing Balance |
|---|---|---|---|---|
| | | 0 | 0 | 0 |

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2.4. Contingent Liabilities and Commitments:

| Contingent Liabilities | Estimated Amounts | | Estimated Amounts | |
|---|---|---|---|---|
| Claims against concern not acknowledged as debt | 0 | | 0 | |
| Guarantees | 0 | | 0 | |
| Other money for which concern is contingently liable | 0 | | 0 | |
| TOTAL | | 0 | | 0 |
| *Commitments* | | | | |
| Estimated amount of contracts remaining to be executed on capital account and not provided for | 0 | | 0 | |
| Uncalled liability on shares and other investments partly paid | 0 | | 0 | |
| Other commitments | 0 | | 0 | |
| | | 0 | | 0 |
| TOTAL | | 0 | | 0 |

2.5. Contingent Assets recognised:

| Nature of Asset | Income Recognised | Income Reversed | Closing | Opening |
|---|---|---|---|---|
| ... | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 |

2.6. Accounting Ratios:

2.7 . Corporate Social Responsibility (CSR)

| | | |
|---|---|---|
| Amount required to be spent by the company during the year | 0 | 0 |
| Amount of expenditure incurred | 0 | 0 |
| Shortfall at the end of the year | 0 | 0 |
| *nature of CSR activities | | |
| *Reason for shortfall, if any. | | |

2.8. Virtual Currency Held/Traded Nil Nil

2.9. Utilistion of Borrowed Fund & Share Premium:

**(a) Amount advanced by Company out of Borrowed funds and Share Premium etc**

| Name of parties | Date of advancemnent | Amount | Date of further advancement | Amount | Date of guarantee by Ultimate beneficiary | Guarantee Amount | Compliance with FEMA |
|---|---|---|---|---|---|---|---|
| | | NIL | | NIL | | | |

**(b) Amount advanced by Company out of funds of other entity for them as Ultimate Beneficiary**

| Name of parties | Date of advancemnent | Amount | Date of further advancement | Amount | Date of guarantee by Ultimate beneficiary | Guarantee Amount | Compliance with FEMA |
|---|---|---|---|---|---|---|---|
| | | NIL | | NIL | | | |

2.10 Disclosure of any undisclosed income under Incometax Act 1961 made Nil Nil

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*NOTE -3* ***SHARE CAPITAL***

| Shares | Particulars | Par Value | CURRENT YEAR | PREVIOUS YEAR |
|---|---|---|---|---|
| *Authorised:* | | | | |
| 10000 | Equity Shares each of | Rs. 10 | **1,000.00** | 5,000.00 |
| *Issued, Subscribed and fully paid up:* | | | | |
| 10000 | Equity Shares each of | Rs. 10 | **1,000.00** | 1,000.00 |
| *Issued, Subscribed and not fully paid up:* | | | | |
| 0 | Equity Shares each of | Rs. 10 | - | - |
| | **TOTAL** | | **1,000.00** | 1,000.00 |

***Reconciliation of Shares at the beginning and at end of the reporting period:-***

*Equity Shares each of Rs.10 with equal voting right*

| *No. of Shares at* 01.04 2023 | *No. of Shares issued* | | | *Forfeited shares* | *No. of Shares at* **31.03.2024** |
|---|---|---|---|---|---|
| | FRESH | ESOP | BONUS | | |
| 10000 | 0 | 0 | 0 | 0 | 10000 |

*Equity Shareholders having more than 5% shareholding:-*

| *Name of Shareholder* | As at 01.04.2023 | | Change | Remark | **As at 31.03.2024** | |
|---|---|---|---|---|---|---|
| | Shares | % | | | Shares | % |
| Sanjeev Gupta | 6500 | 65.00 | 0 | | 6500 | 65.00 |
| Preeti Gupta | 3500 | 35.00 | 0 | | 3500 | 35.00 |

*Equity Shareholding of Promoters:-*

| Promoter Name | As at 01.04.2023 | | **As at 31.03.2024** | | **% of Change** |
|---|---|---|---|---|---|
| | Shares | % | Shares | % | |
| *Sanjeev Gupta* | 6,500 | *65.00* | 6,500 | *65.00* | *0.00%* |
| *Preeti Gupta* | 3,500 | *35.00* | 3,500 | *35.00* | *0.00%* |

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(All figures in '00 unless specified)

**NOTE- 5 RESERVES & SURPLUS**

| Particulars | As at 01.04.23 | Transfer - P&L a/c Addition | Deduction | As at 31.03.2024 |
|---|---|---|---|---|
| General Reserve | - | - | 0.00 | - |
| P&L Account | 7,13,958.25 | 2,35,387.16 | 0.00 | 9,49,345.41 |
| *less: Miscellaneous exp. not Written Off* | - | - | 0.00 | - |
| TOTAL | 7,13,958.25 | 2,35,387.16 | - | 9,49,345.41 |

**NOTE - 5 MONEY RECEIVED AGAINEST SHARE WARRENTS**

| | | | |
|---|---|---|---|
| TOTAL | | 0 | 0 |

**NOTE - 6 SHARE APPLICATION MONEY PENDING ALLOTMENT**

| | | | |
|---|---|---|---|
| TOTAL | | 0 | 0 |

**NOTE- 7 LONG TERM BORROWINGS**

| | | | | |
|---|---|---|---|---|
| *Secured Loans** | | | | |
| From Banks | | | | |
| | - | | 13,942.28 | |
| | - | | - | |
| *Unsecured Loans* | | 0 | | 13942.28 |
| *Loans and Advances from related parties* | 0 | | | 0.00 |
| From Directors | 0 | | 0 | |
| | 1,24,638.40 | | 1,24,638.40 | |
| | - | | - | |
| | | 1,24,638.40 | | 1,24,638.40 |
| TOTAL | | 1,24,638.40 | | 1,38,580.68 |

* loans taken from bank /FI were used for their specific purpose, except -- NIL

* There has been no continuing default as on the balance sheet date in repayment of loans and interest except-- NIL

The quarterly returns or statements of current assets filed by the Company with banks and financial institutions are in agreement with the books of accounts except -- NIL --

**NOTE- 8 DEFERRED/ CURRENT TAX ASSETS/ (LIABILITIES) - NET**

| | | |
|---|---|---|
| Closing Deferred Tax Assets/ (Liabilities) - Net | 0.00 | 0.00 |
| less: Opening Deferred Tax Assets/ (Liabilities) - Net | 0.00 | 0.00 |
| Deferred Tax charged/(credited) to Profit & Loss Account | - | - |

Computation of Deferred Tax Assets/(Liabilities)

| Particulars | Timing Difference Due to | As Per Books of Accounts | As Per Income Tax Act, 1961 | Timing Difference |
|---|---|---|---|---|
| Closing Net Blocks of Property, Plant & Equipments | Depreciation | - | - | |
| Less: Land | | | | |
| Less: Capital Subsidy | | | | |
| Closing Net Blocks of Property, Plant & Equipments | | - | - | - |
| Relevant Expenses Covered u/s 43B of Income Tax Act, 1961 | Section 43B | | | - |
| Relevant Expenses Covered u/s 40a(i)/40a(ia) of Income Tax Act, 1961 | Section 40a(i) 40a(ia) | | | - |
| Unabsorbed Depreciation as per Income Tax Act, 1961 | Unabsorbed Depreciation | - | - | - |
| Unabsorbed Losses as per Income Tax Act, 1961 | Unabsorbed Losses | - | - | - |
| Deferred Tax Assets (Liabilities) due to above Timing Differences @ | 25.17% | | | - |

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(All figures in '00 unless specified)

## NOTE- 9 SHORT TERM BORROWINGS

| | | | | |
|---|---|---|---|---|
| *Secured Loans* * | | | | |
| Loans guaranteed by directors | | | | |
| Loans repayable on demand | | | | |
| from banks | | | 0 | |
| from other parties | | | 0 | |
| | 10000.00 | | 10000.00 | |
| | 0 | | 0 | |
| *Current Maturities of Long Term Debt* | | 10000.00 | | 10000.00 |
| | | 0 | | 0 |
| *Unsecured Loans* | | | | |
| Loans guaranteed by directors | | | | |
| Loans repayable on demand | 0 | | 0 | |
| from other parties | 0 | | 0 | |
| Deposits | 0 | | 0 | |
| Loans & Advances from related parties | 0 | | 0 | |
| Other loans and advances (Specify nature) | | | 0 | |
| | | | 0 | |
| | | 0 | | 0 |
| **TOTAL** | | **10000.00** | | 10000.00 |

* loans taken from bank /FI were used for their specific purpose, except -- NIL

* There has been no continuing default as on the balance sheet date in repayment of loans and interest except-- NIL

The quarterly returns or statements of current assets filed by the Company with banks and financial institutions are in agreement with the books of accounts except -- NIL

## NOTE- 10 TRADE PAYABLES

| Particulars | Outstanding for following periods from due date of payment | | | | | Previous year |
|---|---|---|---|---|---|---|
| | Less than 1 yr | 1-2 years | 2-3 years | More than 3 years | Total | |
| (i) MSME | - | - | - | - | - | - |
| (ii) Others | 3624.32 | 0 | 0 | 0 | 3624.32 | 0 |
| (iii) Disputed dues- MSME | | | | | 0 | 0 |
| (iii) Disputed dues- Others | | | | | 0 | |
| **TOTAL** | | | | | **3,624.32** | - |

Additional disclosure relating to suppliers registered under MSMED Act, 2006 :-

| Particulars | | |
|---|---|---|
| 1. Principal amount due and remaining unpaid as at the year end | 0 | 0 |
| 2. Interest due and remaining unpaid as at the year end | 0 | 0 |
| 3. Principal amount paid beyond the appointed day i.e. 15 days | 0 | 0 |
| 4. Interest paid other than u/s 16 of MSMED Act beyond appointed day | 0 | 0 |
| 5. Interest u/s 16 of MSMED Act which is paid alongwith principal payment | 0 | 0 |
| 6. Interest due and payable for payments already made beyond appointed days | 0 | 0 |
| 7. Further interest remaining due & payable for earlier years | 0 | 0 |

The company has classified outstanding dues into categories as required by The Micro, Small & Medium Enterprises Development Act, 2006 on the basis of the information received from respective parties and in absence of such information the parties have been classified as dues to other than Micro, Small and Medium Enterprises and no interest provision for such parties has been made.

## NOTE- 11 OTHER CURRENT LIABILITIES

| | | |
|---|---|---|
| Professional Fees | **14988.56** | **3854.10** |
| Audit Fees | **0.00** | **150.00** |
| TDS Payable | **3262.37** | **2898.00** |
| Salalry Payable | **6500.00** | **2750.00** |
| Advance Against Sale | **0.00** | **50000.00** |
| **TOTAL** | **24,750.93** | 59,652.10 |

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NOTE- 12 SHORT TERM PROVISIONS

| | Addition | Settled | Reversed | Closing | Opening |
|---|---|---|---|---|---|
| Audit Fee Payable | | | | 0.00 | 0.00 |
| TOTAL | | | | 0.00 | 0.00 |

NOTE- 13 PROPERTY, PLANT & EQUIPMENT

| PARTICULARS | Useful Life | GROSSBLOCK | | | | |
|---|---|---|---|---|---|---|
| | | As at 01.04.23 | Revaluation Change | During The Year Addition | Deduction | As at 31.03.24 |
| Land | | 99492.01 | | 0.00 | 0.00 | 99492.01 |
| Furniture,Fixtures and Fitting | | 1510.30 | 0.00 | 0.00 | 0.00 | 1510.30 |
| Plant and machinery | | 31496.22 | 0.00 | 1800.00 | 0.00 | 33296.22 |
| Vehicles | | 18229.69 | 0.00 | 25751.10 | 0.00 | 43980.79 |
| Building | | 78205.88 | 0.00 | 0.00 | 0.00 | 78205.88 |
| Computers | | 803.41 | 0.00 | 0.00 | 0.00 | 803.41 |
| TOTAL | | 229737.51 | 0.00 | 27551.10 | 0.00 | 257288.61 |

| PARTICULARS | DEPRECIATION (WDV BASIS) | | | | NETBLOCK | |
|---|---|---|---|---|---|---|
| | upto 31.03.23 | for the year | Reversal for assets sold | upto 31.03.24 | as on 31.03.24 | as on 31.03.23 |
| Land | 0.00 | 0.00 | 0.00 | 0.00 | 99492.01 | 99492.01 |
| Furniture,Fixtures and Fitting | 151.03 | 135.93 | 0.00 | 286.96 | 1223.34 | 1359.27 |
| Plant and machinery | 4669.42 | 4294.02 | 0.00 | 8963.44 | 24332.78 | 26826.80 |
| Vehicles | 2734.45 | 4255.62 | 0.00 | 6990.07 | 36990.72 | 15495.24 |
| Building | 7820.59 | 7035.83 | 0.00 | 14856.42 | 63349.46 | 70385.29 |
| Computers | 310.76 | 135.93 | 0.00 | 446.69 | 356.72 | 492.65 |
| TOTAL | 15686.25 | 15857.33 | 0.00 | 31543.58 | 225745.03 | 214051.26 |

The Management at the year end physically verified the Property, Plant & Equipment of the concern.

**Details of immovable Property for which title deeds not held by company are as under:**

| Description of property | Property held since date | Title deed Held in Name of | Whether in name of promoter, director or their relative or employee | Reason for not being held in the name of the company (dispute if any) | Gross Carrying value Cost | Improvement | Total |
|---|---|---|---|---|---|---|---|
| | | | | | - | | - |
| TOTAL | | | | | - | - | - |

No Benami Property is held by the company or held by any other person as specified under the Prohibition of Benami Property Transaction Act, 1988

NOTE- 14 CAPITAL WORK-IN -PROGRESS

| PARTICULARS | GROSSBLOCK | | | |
|---|---|---|---|---|
| | As at 01.04.23 | During The Year Addition | Deduction | As at 31.03.24 |
| New Building University | 72961.85 | 184844.14 | 0.00 | 257805.99 |
| TOTAL | 72961.85 | 184844.14 | 0.00 | 257805.99 |

INTANGIBLE ASSETS UNDER DEVELOPMENT

| PARTICULARS | GROSSBLOCK | | | |
|---|---|---|---|---|
| | As at 01.04.23 | During The Year Addition | Deduction | As at 31.03.24 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL | 0.00 | 0.00 | 0.00 | 0.00 |

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## NOTE- 15 NON CURRENT INVESTMENTS

| Particulars | Current Year | Previous Year |
|---|---|---|
| *Quoted* | 0.00 | 0.00 |
| *Unquoted* | | |
| | 0.00 | 0.00 |
| | 0.00 | 0.00 |
| University Deposit, AICTE and NCTE Deposit | 5,39,000.00 | 5,39,000.00 |
| | 5,39,000.00 | 5,39,000.00 |

**Note-** Investments are stated at cost.

## NOTE- 16 LONG TERM LOANS AND ADVANCES

| | Secured | Unsecured | Doubtful | | |
|---|---|---|---|---|---|
| *Loans & Advance to related Parties* | | | | | |
| ... | 0.00 | 0.00 | 0.00 | | |
| | | | | 0.00 | 0.00 |
| *Other Loans & Advances* | | | | | |
| ... | 0.00 | 0.00 | 0.00 | | |
| | | | | 0.00 | 0.00 |
| *Loans & Advance to Directors & Other officers* | | | | | |
| ... | 0.00 | 0.00 | 0.00 | | |
| | | | | 0.00 | 0.00 |
| **TOTAL** | | | | 0.00 | 0.00 |

| Type of Borrower | Amount of loan or advance | Percentage to the total |
|---|---|---|
| Promoters | Nil | |
| Directors | Nil | |
| KMP | Nil | |
| Related Parties | Nil | |

## NOTE- 17 OTHER NON-CURRENT ASSETS

| | Secured | Unsecured | Doubtful | | |
|---|---|---|---|---|---|
| *Security Deposits:* | | | | | |
| ... | 0.00 | 0.00 | 0.00 | | |
| | | | | 0.00 | 0.00 |
| ... | 0.00 | 0.00 | 0.00 | | |
| | | | | 0.00 | 0.00 |
| **TOTAL** | | | | 0.00 | 0.00 |

## NOTE- 18 INVENTORIES

| Particulars | BASIS OF VALUATION | Current Year | Previous Year |
|---|---|---|---|
| | COST or NRV | 0.00 | 0.00 |
| **TOTAL** | | 0.00 | 0.00 |

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## NOTE- 19 TRADE RECEIVABLES

| Particulars | Current Year Total | Previous Year |
|---|---|---|
| Trade Receivables | 0.00 | 0.00 |
| | 0.00 | 0.00 |
| | 0.00 | 0.00 |
| | 0.00 | 0.00 |

| Particulars | Outstanding for following periods from due date of payment | | | | | |
|---|---|---|---|---|---|---|
| | Less than 6 M | 6 m - 1 year | 1-2 yr | 2-3 yr | More than 3 years | Total |
| Undisputed Trade receivables unsecured | | | | | | |
| (i) considered good | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| (ii) considered doubtful | | | | | | 0.00 |
| Disputed Trade Receivables unsecured | | | | | | |
| (iii) considered good | | | | | | 0.00 |
| (iv) considered doubtful | | | | | | 0.00 |
| TOTAL | | | | | | 0.00 |

# similar information shall be given where no due date of payment is specified, in that case disclosure shall be from the date of the transaction. Unbilled dues shall be disclosed separately.

## NOTE- 20 CASH AND CASH EQUIVALENTS

| | | | | |
|---|---|---|---|---|
| Balance with bank | | | | |
| Bank Balances | | 52,742.35 | 40,678.38 | |
| | | 52,742.35 | | 40,678.38 |
| Cash in hand | | 21,524.74 | | 765.69 |
| TOTAL | | 74,267.09 | | 41,444.07 |

The Management at the year end physically verified the Cash in hand of the concern.

## NOTE- 21 SHORT TERM LOAN AND ADVANCES

| Particulars | Amount | Allowance for bad and doubtful loan | |
|---|---|---|---|
| *To related parties:* | | | |
| Others | | 1,067.42 | 1,067.42 |
| TOTAL | | 1067.42 | 1067.42 |

## NOTE- 22 OTHER CURRENT ASSETS

| | | |
|---|---|---|
| TDS AY 23-24 | 2,603.37 | 2,603.37 |
| Security | 5,400.00 | 5,400.00 |
| Receivable | - | 468.00 |
| TDS AY 24-25 | 505.39 | - |
| TOTAL | 8508.76 | 8471.37 |

## NOTE - 23 REVENUE FROM OPERATIONS

| | | |
|---|---|---|
| Revenue | 4,67,002.43 | 347087.80 |
| TOTAL | 467002.43 | 347087.80 |
| Amount not recognised as revenue due to lack of reasonably certainty of its ultimate collection: | NIL | NIL |

## NOTE - 24 OTHER INCOMES

| | | |
|---|---|---|
| Interest on FDR | 3,064.81 | 26035.01 |
| Interest on Refund | | 46.37 |
| TOTAL | 3064.81 | 26081.38 |

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**NOTE - 25 COST OF MATERIAL CONSUMED**

| | | |
|---|---|---|
| 0.00 | - | 0.00 |
| TOTAL | 0.00 | 0.00 |

**NOTE - 26 TRADING GOODS**

| PARTICULARS | OPENING | PURCHASE | CONSUMED | SALES | CLOSING |
|---|---|---|---|---|---|
| *Finished Goods Stock* | 0 | 0 | 0.00 | 0.00 | 0.00 |
| TOTAL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**NOTE - 27 EMPLOYEE BENEFITS EXPENSES**

| | | |
|---|---|---|
| Staff Salary | 1,73,453.95 | 114237.08 |
| TOTAL | 173453.95 | 114237.08 |

**NOTE - 28 FINANCE COST**

| | | |
|---|---|---|
| Bank Charges | 120.16 | 95.51 |
| Bank Interest | 461.74 | 1531.30 |
| TOTAL | 581.90 | 1626.81 |

**NOTE - 29 OTHER EXPENSES**

| | | | |
|---|---|---|---|
| Payment to Auditors | | | |
| Audit fees | - | 150.00 | |
| Others | - | - | |
| | - | - | 150.00 |
| Advertisement | 6,928.19 | | 705.53 |
| Stationery & Printing | 158.25 | | 58.95 |
| Misse exp | 1,332.07 | | 11,132.63 |
| Insurance Exp | 705.20 | | - |
| Counselling Expenses | 1,585.00 | | 210.00 |
| Conveyence & travelling | 858.07 | | 226.88 |
| Building repair & Maintenance | 885.44 | | 151.81 |
| Office Exp | 1.00 | | 85.40 |
| Marketing and Sales Promotion | 8,072.88 | | - |
| Dr visit charges | 6,000.00 | | 6,000.00 |
| RGVP enrollment fee | - | | - |
| Books | 881.59 | | 166.00 |
| Registration Fees/Affiliation Fees | 9,720.80 | | 31,436.72 |
| Computer Exps | - | | 83.00 |
| Machinery Repair and Maintenance | 35.50 | | 45.15 |
| Staff Welfare Exps | 57.95 | | 167.43 |
| Vehicle Running exps | 4,569.71 | | 2,062.89 |
| Lab Material | - | | 1,100.00 |
| Electricity Exps | 1,194.19 | | 1,792.79 |
| Council Fees | 1,604.00 | | - |
| Int on TDS | 130.41 | | 68.51 |
| Telephone | 66.65 | | 2.99 |
| TOTAL | 44,786.90 | | 55646.68 |

Certain petty figures may have been regrouped for better presentation in line with Sch III to report all figures in ₹ '00.

**NOTE - 30 EARNING PER SHARE**

| | | |
|---|---|---|
| *Profit Attributable to Equity Shareholders* | 2,35,387.16 | 1,85,972.36 |
| *Number of Equity Shares* | 10,000 | 10,000 |
| *Basic* | 23.5387 | 18.5972 |
| *Diluted* | 23.5387 | 18.5972 |

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*(All figures in '00 unless specified)*

*BALANCE SHEET AS AT MARCH 31, 2024*

| Particulars | Note No. | Figures as at the end of current reporting period | | Figures as at the end of previous reporting period | |
|---|---|---|---|---|---|
| **I. EQUITY AND LIABILITIES** | | | | | |
| **(1) Shareholder's Funds** | | | | | |
| (a) Share Capital | 3 | 1,000.00 | | 1,000.00 | |
| (b) Reserves and Surplus | 4 | 9,49,345.41 | | 7,13,958.25 | |
| (c ) Money received against share warrents | 5 | - | 9,50,345.41 | - | 7,14,958.25 |
| **(2) Share application money pending allotment** | 6 | - | - | | - |
| **(3) Non-Current Liabilities** | | | | | |
| (a) Long-term borrowings | 7 | 1,24,638.40 | | 1,38,580.68 | |
| (b) Deferred tax liabilities (Net) | 8 | - | | - | |
| (c) Other Long term liabilities | | - | | - | |
| (d) Long term provisions | | - | 1,24,638.40 | - | 1,38,580.68 |
| **(4) Current Liabilities** | | | | | |
| (a) Short-term borrowings | 9 | 10,000.00 | | 10,000.00 | |
| (b) Trade payables | 10 | | | | |
| (i) Total outstanding dues - MSME | | - | | - | |
| (ii) Total outstanding dues - Others | | 3,624.32 | | - | |
| (c) Other current liabilities | 11 | 24,750.93 | | 59,652.10 | |
| (d) Short-term provisions | 12 | - | 38,375.25 | - | 69,652.10 |
| **TOTAL** | | | 11,13,359.06 | | 9,23,191.03 |
| **II. ASSETS** | | | | | |
| **(1) Non-current assets** | | | | | |
| (a) Property, Plant & Equipment & Intangible Assets | | | | | |
| (i) Property, Plant & Equipment | 13 | 2,25,745.03 | | 2,14,051.26 | |
| (ii) Intangible assets | | - | | - | |
| (iii) Capital work-in-progress | 14 | 2,57,805.99 | | 72,961.85 | |
| (iv) Intangible assets in development | 14 | - | | - | |
| (b) Non-current investments | 15 | 5,39,000.00 | | 5,39,000.00 | |
| (c) Deferred tax assets (net) | 8 | - | | - | |
| (d) Long term loans and advances | 16 | - | | - | |
| (e) Other non-current assets | 17 | - | 10,22,551.02 | - | 8,26,013.11 |
| **(2) Current assets** | | | | | |
| (a) Current investments | | 6,964.77 | | 46,195.06 | |
| (b) Inventories | 18 | - | | - | |
| (c) Trade receivables | 19 | - | | - | |
| (d) Cash and cash equivalents | 20 | 74,267.09 | | 41,444.07 | |
| (e) Short-term loans and advances | 21 | 1,067.42 | | 1,067.42 | |
| (f) Other current assets | 22 | 8,508.76 | 90,808.04 | 8,471.37 | 97,177.92 |
| **TOTAL** | | | 11,13,359.06 | | 9,23,191.03 |
| **Contingent Liabilities & Commitments** | | | - | | - |

***Note : Significant Accounting Policies & Notes On Accounts are annexed.***

*Note : The accompanying Profit and Loss Account and Notes referred form integral part of the Balance Sheet.*

**AMS & ASSOCIATES**
Chartered Accountants
FRN - 017488C

**CA Mayank Agarwal**
MNo. 424876
Partner

Jhansi
Date **05.09.2024**
**UDIN**

For and on behalf of the board of directors of
**LAXMAN SETH EDUCATIONAL FOUNDATION**

Director
Laxman Seth Educational Foundation

**Sanjeev Gupta**
Director
DIN:01014162

Director
Laxman Seth Educational Foundation

**Preeti Gupta**
Director
DIN:01014174

*(All figures in '00 unless specified)*

***PROFIT AND LOSS ACCOUNT FOR THE PERIOD 01.04.2023 TO 31.03.2024***

| Particulars | Note No. | Figures as at the end of current reporting | Figures as at the end of previous reporting |
|---|---|---|---|
| I. Revenue from operations | 23 | 4,67,002.43 | 3,47,087.80 |
| II. Other Income | 24 | 3,064.81 | 26,081.38 |
| **III. Total Income (I +II)** | | 4,70,067.24 | 3,73,169.18 |
| ***IV. Expenses:*** | | | |
| Cost of materials consumed | 25 | - | - |
| Purchase of Stock-in-Trade | 26 | - | - |
| Change in inventories of finished goods | | 0.00 | 0.00 |
| Work in progress and stock in trade | | - | - |
| Employee benefit expense | 27 | 1,73,453.95 | 1,14,237.08 |
| Financial costs | 28 | 581.90 | 1,626.81 |
| Depreciation and amortization expense | | 15,857.33 | 15,686.25 |
| Other expenses | 29 | 44,786.90 | 55,646.68 |
| **Total Expenses** | | 2,34,680.08 | 1,87,196.82 |
| V. Profit before exceptional and extraordinary items and tax | (III - IV) | 2,35,387.16 | 1,85,972.36 |
| VI. Exceptional Items | | - | - |
| VII. Profit before extraordinary items and tax | (V - VI) | 2,35,387.16 | 1,85,972.36 |
| VIII. Extraordinary Items | | - | - |
| IX. Profit before tax | (VII - VIII) | 2,35,387.16 | 1,85,972.36 |
| X. Tax expense: | | | |
| (1) Current tax | | - | - |
| (2) Deferred tax | | - | - |
| XI. Profit(Loss) from the period from continuing operations | (IX-X) | 2,35,387.16 | 1,85,972.36 |
| XII. Profit/(Loss) from discontinuing operations | | - | - |
| XIII. Tax expense of discounting operations | | - | - |
| XIV. Profit/(Loss) from Discontinuing operations | (XII - XIII) | - | - |
| **XV. Profit/(Loss) for the period** | (XI + XIV) | 2,35,387.16 | 1,85,972.36 |
| *XVI. Earning per equity share:* | 30 | | |
| *(1) Basic* | | *23.5387* | *18.5972* |
| *(2) Diluted* | | *23.5387* | *18.5972* |

*Note : The Notes referred to above form integral part of the Profit & Loss Account.*

Certain items in Profit & Loss A/c and Balance Sheet has been regrouped for better presentation and accordingly regrouping has been done with Previous year and Current year figures.

***Note : Significant Accounting Policies & Notes On Accounts are annexed.***

*Note : The accompanying Profit and Loss Account and Notes referred form integral part of the Balance Sheet.*

For and on behalf of
**AMS & ASSOCIATES**
Chartered Accountants

**CA Mayank Agarwal**
MNo. 424876
Partner

Jhansi
Date 05.09.2024
**UDIN**

For and on behalf of the board of directors of
**LAXMAN SETH EDUCATIONAL FOUNDATION**

**Sanjeev Gupta**
Director
DIN:01014162

**Preeti Gupta**
Director
DIN:01014174

Director
Laxman Seth Educational Foundation

Director
Laxman Seth Educational Foundation

*CASH FLOW STATEMENT FOR THE PERIOD 01.04.2023 TO 31.03.2024*

| Particulars | Figures as at the end of current reporting period | | Figures as at the end of previous reporting period | |
|---|---|---|---|---|
| Cash from operating activities: | | | | |
| **Net Profit/loss after Exceptional Items & before tax:** | 2,35,387.16 | | 1,85,972.36 | |
| **Adjustment for non cash and non operating items:** | | | - | |
| Depreciation | 15,857.33 | | 15,686.25 | |
| Financial cost | - | | - | |
| Non operating Incomes: Interest | - | | - | |
| Adj in Reserve and Surplus | - | | - | |
| **Operating profit before working capital changes:** | **2,51,244.49** | | 2,01,658.61 | |
| **Changes In Working Capital:** | | | | |
| Decrease/(Increase) in inventories | - | | - | |
| Decrease/(Increase) in trade receivables | - | | 44.82 | |
| Decrease/(Increase) in other current assets | -37.39 | | 70.00 | |
| Decrease/(Increase) in short term loan/advances | - | | -1,985.78 | |
| Increase/(Decrease) in short term borrowings | - | | - | |
| Increase/(Decrease) in trade payables | 3,624.32 | | - | |
| Increase/(Decrease) in other current liabilities | -34,901.17 | | -43,106.25 | |
| Increase/(Decrease) in short term provisions | - | | - | |
| **Cash flow from Operating Activities before tax:** | **2,19,930.25** | | 1,56,681.40 | |
| **Adjustment for tax paid:** | - | | - | |
| **Net Cash flow from operating activities: (A)** | | **2,19,930.25** | | 1,56,681.40 |
| Cash flow from Investing activities: | | | | |
| Purchase of fixed assets | -2,12,395.24 | | -73,748.36 | |
| Sale of fixed assets | - | | - | |
| Interest Received | - | | - | |
| Decrease/(Increase) in Current Investments | 39,230.29 | | -45,161.01 | |
| Decrease/(Increase) in Non Current Investments | - | | - | |
| Decrease/(Increase) in Non Current assets | - | | - | |
| **Net cash flow from Investing Activities: (B)** | | **-1,73,164.95** | | -1,18,909.37 |
| **Cash flow from financing activities:** | | | | |
| Increase/ (Decrease)in long term liabilities | -13,942.28 | | -30,056.79 | |
| Increase/ (Decrease in Share Capital | - | | - | |
| Finance cost paid | - | | - | |
| **Net cash flow from Financing activities: (C)** | | **-13,942.28** | | **-30,056.79** |
| **Net Cash Flow** **(A-B+C)** | | 32,823.02 | | 7,715.24 |
| Add: Opening cash and cash equivalents | | **41,444.07** | | 33,728.83 |
| **Closing Cash and Cash Equivalents** | | **74,267.09** | | 41,444.07 |

Director
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Laxman Seth Educational Foundation

***SIGNIFICANT ACCOUNTING POLICIES & NOTES ON ACCOUNTS FORMING PART OF FINANCIAL STATEMENTS FOR THE PERIOD 01.04.2023 TO 31.03.2024***

## *NOTE - 1 SIGNIFICANT ACCOUNTING POLICIES*

1 **General**

i) These accounts are prepared on historical cost basis and on accounting principles of a going concern.
ii) Accounting policies not specifically referred to otherwise are consistent and in consonance with generally accepted accounting principles.
iii) The accounts are prepared following accrual (mercantile) system of accounting unless otherwise specified.

2 **Revenue (Income)** is recognised when no significant uncertainty as to the measurability or realisation exists.

3 **Expenses** are accounted on accrual basis.

4 **Investments** are stated at cost.

5 **Property, Plant & Equipment**: The Property, Plant & Equipment are taken at cost including amounts incurred incidental thereto in case of new assets and at written down value, in case of old assets.

6 **Depreciation:** Depreciation on Property, plant and Equipments is provided on Written Down Value method in the manner and at the rate specified in the Schedule II to the Companies Act, 2013.

7 **Current Assets:** Closing stocks are valued at cost or net realisable value, whichever is lower. Fall in realisable value of any current asset other than closing stock is provided in the year, it is fully ascertained.
The deposits with the banks, etc. for purpose of the business are treated as current assets.
The scrap material, if any, is taken in books as and when its value is realized/ ascertained.

8 **Liabilities**: Reduction in liability is provided in the year in which it is fully ascertained. No provision is made for liabilities which are contingent in nature. Material known liabilities are provided for based on available information/estimates.

9 **Taxation:** Provision for current tax is made on the basis of estimated taxable income for the period.
Deferred tax is recognised, subject to consideration of prudence, on timing differences between taxable income and accounting income for the period that originate in one period and are capable of reversal in one or more subsequent periods.

Deferred tax assets are not recognised on unabsorbed depreciation and carry forward of losses, unless there is virtual certainty that sufficient future taxable income will be available against which such deferred tax assets can be realised.

10 **Borrowing Cost:** Borrowing costs, allocated to and utilized for qualifying assets, pertaining to the period from date of funds borrowed upto the date of put to use of such asset are added to the cost of the assets. All other borrowing costs are charged to the Profit and Loss Statement in the period in which they are incurred.

**Note:** There has been no change in the accounting policies with the last year policies

## *NOTE - 2 ADDITIONAL DISCLOSURES*

| NOTE | CURRENT YEAR | PREVIOUS YEAR |
|---|---|---|
| 2.1. Earnings and expenses in foreign exchange | NIL | NIL |
| 2.2. Companies' interest, as a venturer, in jointly controlled entities | NIL | NIL |

2.3. Related party disclosure as per AS-18:

*(i) Names of related parties and description of relationship*

| Nature of Relationship | Name of the Related party |
|---|---|
| Holding Companies | NIL |
| Subsidiary Companies | NIL |
| Fellow Subsidiaries | NIL |
| Associates | NIL |
| Key Management Personnel | Sanjeev Gupta, Preeti Gupta |
| Relatives of KMP having significant influence | Nil |
| Enterprise in which KMP, Director and relative | Nil |

*(ii) Details of transactions with related parties*

| Related Party | Nature of Transaction | Amount | Amount written off | Closing Balance |
|---|---|---|---|---|
| | | 0 | 0 | 0 |

Director
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Director
Laxman Seth Educational Foundation

2.4. Contingent Liabilities and Commitments:

| Contingent Liabilities | Estimated Amounts | | Estimated Amounts | |
|---|---|---|---|---|
| Claims against concern not acknowledged as debt | 0 | | 0 | |
| Guarantees | 0 | | 0 | |
| Other money for which concern is contingently liable | 0 | | 0 | |
| TOTAL | | 0 | | 0 |
| *Commitments* | | | | |
| Estimated amount of contracts remaining to be executed on capital account and not provided for | 0 | | 0 | |
| Uncalled liability on shares and other investments partly paid | 0 | | 0 | |
| Other commitments | 0 | | 0 | |
| | | 0 | | 0 |
| TOTAL | | 0 | | 0 |

2.5. Contingent Assets recognised:

| Nature of Asset | Income Recognised | Income Reversed | Closing | Opening |
|---|---|---|---|---|
| ... | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 |

2.6. Accounting Ratios:

2.7 . Corporate Social Responsibility (CSR)

| | | |
|---|---|---|
| Amount required to be spent by the company during the year | 0 | 0 |
| Amount of expenditure incurred | 0 | 0 |
| Shortfall at the end of the year | 0 | 0 |
| *nature of CSR activities | | |
| *Reason for shortfall, if any. | | |

2.8. Virtual Currency Held/Traded Nil Nil

2.9. Utilistion of Borrowed Fund & Share Premium:

**(a) Amount advanced by Company out of Borrowed funds and Share Premium etc**

| Name of parties | Date of advancemnent | Amount | Date of further advancement | Amount | Date of guarantee by Ultimate beneficiary | Guarantee Amount | Compliance with FEMA |
|---|---|---|---|---|---|---|---|
| | | NIL | | NIL | | | |

**(b) Amount advanced by Company out of funds of other entity for them as Ultimate Beneficiary**

| Name of parties | Date of advancemnent | Amount | Date of further advancement | Amount | Date of guarantee by Ultimate beneficiary | Guarantee Amount | Compliance with FEMA |
|---|---|---|---|---|---|---|---|
| | | NIL | | NIL | | | |

2.10 Disclosure of any undisclosed income under Incometax Act 1961 made Nil Nil

Director
Laxman Seth Educational Foundation

Director
Laxman Seth Educational Foundation

*NOTE -3* ***SHARE CAPITAL***

| Shares | Particulars | Par Value | CURRENT YEAR | PREVIOUS YEAR |
|---|---|---|---|---|
| *Authorised:* | | | | |
| 10000 | Equity Shares each of | Rs. 10 | **1,000.00** | 5,000.00 |
| *Issued, Subscribed and fully paid up:* | | | | |
| 10000 | Equity Shares each of | Rs. 10 | **1,000.00** | 1,000.00 |
| *Issued, Subscribed and not fully paid up:* | | | | |
| 0 | Equity Shares each of | Rs. 10 | - | - |
| | **TOTAL** | | **1,000.00** | 1,000.00 |

***Reconciliation of Shares at the beginning and at end of the reporting period:-***

*Equity Shares each of Rs.10 with equal voting right*

| *No. of Shares at* 01.04 2023 | *No. of Shares issued* | | | *Forfeited shares* | *No. of Shares at* **31.03.2024** |
|---|---|---|---|---|---|
| | FRESH | ESOP | BONUS | | |
| 10000 | 0 | 0 | 0 | 0 | 10000 |

*Equity Shareholders having more than 5% shareholding:-*

| *Name of Shareholder* | As at 01.04.2023 | | Change | Remark | **As at 31.03.2024** | |
|---|---|---|---|---|---|---|
| | Shares | % | | | Shares | % |
| Sanjeev Gupta | 6500 | 65.00 | 0 | | 6500 | 65.00 |
| Preeti Gupta | 3500 | 35.00 | 0 | | 3500 | 35.00 |

*Equity Shareholding of Promoters:-*

| Promoter Name | As at 01.04.2023 | | **As at 31.03.2024** | | **% of Change** |
|---|---|---|---|---|---|
| | Shares | % | Shares | % | |
| *Sanjeev Gupta* | 6,500 | *65.00* | 6,500 | *65.00* | *0.00%* |
| *Preeti Gupta* | 3,500 | *35.00* | 3,500 | *35.00* | *0.00%* |

Director
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Director
Laxman Seth Educational Foundation

(All figures in '00 unless specified)

**NOTE- 5 RESERVES & SURPLUS**

| Particulars | As at 01.04.23 | Transfer - P&L a/c Addition | Deduction | As at 31.03.2024 |
|---|---|---|---|---|
| General Reserve | - | - | 0.00 | - |
| P&L Account | 7,13,958.25 | 2,35,387.16 | 0.00 | 9,49,345.41 |
| *less: Miscellaneous exp. not Written Off* | - | - | 0.00 | - |
| TOTAL | 7,13,958.25 | 2,35,387.16 | - | 9,49,345.41 |

**NOTE - 5 MONEY RECEIVED AGAINEST SHARE WARRENTS**

| | | | |
|---|---|---|---|
| TOTAL | | 0 | 0 |

**NOTE - 6 SHARE APPLICATION MONEY PENDING ALLOTMENT**

| | | | |
|---|---|---|---|
| TOTAL | | 0 | 0 |

**NOTE- 7 LONG TERM BORROWINGS**

| | | | | |
|---|---|---|---|---|
| *Secured Loans** | | | | |
| From Banks | | | | |
| | - | | 13,942.28 | |
| | - | | - | |
| *Unsecured Loans* | | 0 | | 13942.28 |
| *Loans and Advances from related parties* | 0 | | | 0.00 |
| From Directors | 0 | | 0 | |
| | 1,24,638.40 | | 1,24,638.40 | |
| | - | | - | |
| | | 1,24,638.40 | | 1,24,638.40 |
| TOTAL | | 1,24,638.40 | | 1,38,580.68 |

* loans taken from bank /FI were used for their specific purpose, except -- NIL

* There has been no continuing default as on the balance sheet date in repayment of loans and interest except-- NIL

The quarterly returns or statements of current assets filed by the Company with banks and financial institutions are in agreement with the books of accounts except -- NIL --

**NOTE- 8 DEFERRED/ CURRENT TAX ASSETS/ (LIABILITIES) - NET**

| | | |
|---|---|---|
| Closing Deferred Tax Assets/ (Liabilities) - Net | 0.00 | 0.00 |
| less: Opening Deferred Tax Assets/ (Liabilities) - Net | 0.00 | 0.00 |
| Deferred Tax charged/(credited) to Profit & Loss Account | - | - |

Computation of Deferred Tax Assets/(Liabilities)

| Particulars | Timing Difference Due to | As Per Books of Accounts | As Per Income Tax Act, 1961 | Timing Difference |
|---|---|---|---|---|
| Closing Net Blocks of Property, Plant & Equipments | Depreciation | - | - | |
| Less: Land | | | | |
| Less: Capital Subsidy | | | | |
| Closing Net Blocks of Property, Plant & Equipments | | - | - | - |
| Relevant Expenses Covered u/s 43B of Income Tax Act, 1961 | Section 43B | | | - |
| Relevant Expenses Covered u/s 40a(i)/40a(ia) of Income Tax Act, 1961 | Section 40a(i) 40a(ia) | | | - |
| Unabsorbed Depreciation as per Income Tax Act, 1961 | Unabsorbed Depreciation | - | - | - |
| Unabsorbed Losses as per Income Tax Act, 1961 | Unabsorbed Losses | - | - | - |
| Deferred Tax Assets (Liabilities) due to above Timing Differences @ | 25.17% | | | - |

Director
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Director
Laxman Seth Educational Foundation

(All figures in '00 unless specified)

## NOTE- 9 SHORT TERM BORROWINGS

| | | | | |
|---|---|---|---|---|
| *Secured Loans* * | | | | |
| Loans guaranteed by directors | | | | |
| Loans repayable on demand | | | | |
| from banks | | | 0 | |
| from other parties | | | 0 | |
| | 10000.00 | | 10000.00 | |
| | 0 | | 0 | |
| *Current Maturities of Long Term Debt* | | 10000.00 | | 10000.00 |
| | | 0 | | 0 |
| *Unsecured Loans* | | | | |
| Loans guaranteed by directors | | | | |
| Loans repayable on demand | 0 | | 0 | |
| from other parties | 0 | | 0 | |
| Deposits | 0 | | 0 | |
| Loans & Advances from related parties | 0 | | 0 | |
| Other loans and advances (Specify nature) | | | 0 | |
| | | | 0 | |
| | | 0 | | 0 |
| **TOTAL** | | **10000.00** | | 10000.00 |

* loans taken from bank /FI were used for their specific purpose, except -- NIL

* There has been no continuing default as on the balance sheet date in repayment of loans and interest except-- NIL

The quarterly returns or statements of current assets filed by the Company with banks and financial institutions are in agreement with the books of accounts except -- NIL

## NOTE- 10 TRADE PAYABLES

| Particulars | Outstanding for following periods from due date of payment | | | | | Previous year |
|---|---|---|---|---|---|---|
| | Less than 1 yr | 1-2 years | 2-3 years | More than 3 years | Total | |
| (i) MSME | - | - | - | - | - | - |
| (ii) Others | 3624.32 | 0 | 0 | 0 | 3624.32 | 0 |
| (iii) Disputed dues- MSME | | | | | 0 | 0 |
| (iii) Disputed dues- Others | | | | | 0 | |
| **TOTAL** | | | | | **3,624.32** | - |

Additional disclosure relating to suppliers registered under MSMED Act, 2006 :-

| Particulars | | |
|---|---|---|
| 1. Principal amount due and remaining unpaid as at the year end | 0 | 0 |
| 2. Interest due and remaining unpaid as at the year end | 0 | 0 |
| 3. Principal amount paid beyond the appointed day i.e. 15 days | 0 | 0 |
| 4. Interest paid other than u/s 16 of MSMED Act beyond appointed day | 0 | 0 |
| 5. Interest u/s 16 of MSMED Act which is paid alongwith principal payment | 0 | 0 |
| 6. Interest due and payable for payments already made beyond appointed days | 0 | 0 |
| 7. Further interest remaining due & payable for earlier years | 0 | 0 |

The company has classified outstanding dues into categories as required by The Micro, Small & Medium Enterprises Development Act, 2006 on the basis of the information received from respective parties and in absence of such information the parties have been classified as dues to other than Micro, Small and Medium Enterprises and no interest provision for such parties has been made.

## NOTE- 11 OTHER CURRENT LIABILITIES

| | | |
|---|---|---|
| Professional Fees | **14988.56** | **3854.10** |
| Audit Fees | **0.00** | **150.00** |
| TDS Payable | **3262.37** | **2898.00** |
| Salalry Payable | **6500.00** | **2750.00** |
| Advance Against Sale | **0.00** | **50000.00** |
| **TOTAL** | **24,750.93** | 59,652.10 |

Director
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Director
Laxman Seth Educational Foundation

NOTE- 12 SHORT TERM PROVISIONS

| | Addition | Settled | Reversed | Closing | Opening |
|---|---|---|---|---|---|
| Audit Fee Payable | | | | 0.00 | 0.00 |
| TOTAL | | | | 0.00 | 0.00 |

NOTE- 13 PROPERTY, PLANT & EQUIPMENT

| PARTICULARS | Useful Life | GROSSBLOCK | | | | |
|---|---|---|---|---|---|---|
| | | As at 01.04.23 | Revaluation Change | During The Year Addition | Deduction | As at 31.03.24 |
| Land | | 99492.01 | | 0.00 | 0.00 | 99492.01 |
| Furniture,Fixtures and Fitting | | 1510.30 | 0.00 | 0.00 | 0.00 | 1510.30 |
| Plant and machinery | | 31496.22 | 0.00 | 1800.00 | 0.00 | 33296.22 |
| Vehicles | | 18229.69 | 0.00 | 25751.10 | 0.00 | 43980.79 |
| Building | | 78205.88 | 0.00 | 0.00 | 0.00 | 78205.88 |
| Computers | | 803.41 | 0.00 | 0.00 | 0.00 | 803.41 |
| TOTAL | | 229737.51 | 0.00 | 27551.10 | 0.00 | 257288.61 |

| PARTICULARS | DEPRECIATION (WDV BASIS) | | | | NETBLOCK | |
|---|---|---|---|---|---|---|
| | upto 31.03.23 | for the year | Reversal for assets sold | upto 31.03.24 | as on 31.03.24 | as on 31.03.23 |
| Land | 0.00 | 0.00 | 0.00 | 0.00 | 99492.01 | 99492.01 |
| Furniture,Fixtures and Fitting | 151.03 | 135.93 | 0.00 | 286.96 | 1223.34 | 1359.27 |
| Plant and machinery | 4669.42 | 4294.02 | 0.00 | 8963.44 | 24332.78 | 26826.80 |
| Vehicles | 2734.45 | 4255.62 | 0.00 | 6990.07 | 36990.72 | 15495.24 |
| Building | 7820.59 | 7035.83 | 0.00 | 14856.42 | 63349.46 | 70385.29 |
| Computers | 310.76 | 135.93 | 0.00 | 446.69 | 356.72 | 492.65 |
| TOTAL | 15686.25 | 15857.33 | 0.00 | 31543.58 | 225745.03 | 214051.26 |

The Management at the year end physically verified the Property, Plant & Equipment of the concern.

**Details of immovable Property for which title deeds not held by company are as under:**

| Description of property | Property held since date | Title deed Held in Name of | Whether in name of promoter, director or their relative or employee | Reason for not being held in the name of the company (dispute if any) | Gross Carrying value Cost | Improvement | Total |
|---|---|---|---|---|---|---|---|
| | | | | | - | | - |
| TOTAL | | | | | - | - | - |

No Benami Property is held by the company or held by any other person as specified under the Prohibition of Benami Property Transaction Act, 1988

NOTE- 14 CAPITAL WORK-IN -PROGRESS

| PARTICULARS | GROSSBLOCK | | | |
|---|---|---|---|---|
| | As at 01.04.23 | During The Year Addition | Deduction | As at 31.03.24 |
| New Building University | 72961.85 | 184844.14 | 0.00 | 257805.99 |
| TOTAL | 72961.85 | 184844.14 | 0.00 | 257805.99 |

INTANGIBLE ASSETS UNDER DEVELOPMENT

| PARTICULARS | GROSSBLOCK | | | |
|---|---|---|---|---|
| | As at 01.04.23 | During The Year Addition | Deduction | As at 31.03.24 |
| | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL | 0.00 | 0.00 | 0.00 | 0.00 |

Director
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Director
Laxman Seth Educational Foundation

## NOTE- 15 NON CURRENT INVESTMENTS

| Particulars | Current Year | Previous Year |
|---|---|---|
| *Quoted* | 0.00 | 0.00 |
| *Unquoted* | | |
| | 0.00 | 0.00 |
| | 0.00 | 0.00 |
| University Deposit, AICTE and NCTE Deposit | 5,39,000.00 | 5,39,000.00 |
| | 5,39,000.00 | 5,39,000.00 |

**Note-** Investments are stated at cost.

## NOTE- 16 LONG TERM LOANS AND ADVANCES

| | Secured | Unsecured | Doubtful | | |
|---|---|---|---|---|---|
| *Loans & Advance to related Parties* | | | | | |
| ... | 0.00 | 0.00 | 0.00 | | |
| | | | | 0.00 | 0.00 |
| *Other Loans & Advances* | | | | | |
| ... | 0.00 | 0.00 | 0.00 | | |
| | | | | 0.00 | 0.00 |
| *Loans & Advance to Directors & Other officers* | | | | | |
| ... | 0.00 | 0.00 | 0.00 | | |
| | | | | 0.00 | 0.00 |
| **TOTAL** | | | | 0.00 | 0.00 |

| Type of Borrower | Amount of loan or advance | Percentage to the total |
|---|---|---|
| Promoters | Nil | |
| Directors | Nil | |
| KMP | Nil | |
| Related Parties | Nil | |

## NOTE- 17 OTHER NON-CURRENT ASSETS

| | Secured | Unsecured | Doubtful | | |
|---|---|---|---|---|---|
| *Security Deposits:* | | | | | |
| ... | 0.00 | 0.00 | 0.00 | | |
| | | | | 0.00 | 0.00 |
| ... | 0.00 | 0.00 | 0.00 | | |
| | | | | 0.00 | 0.00 |
| **TOTAL** | | | | 0.00 | 0.00 |

## NOTE- 18 INVENTORIES

| Particulars | BASIS OF VALUATION | Current Year | Previous Year |
|---|---|---|---|
| | COST or NRV | 0.00 | 0.00 |
| **TOTAL** | | 0.00 | 0.00 |

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## NOTE- 19 TRADE RECEIVABLES

| Particulars | Current Year Total | Previous Year |
|---|---|---|
| Trade Receivables | 0.00 | 0.00 |
| | 0.00 | 0.00 |
| | 0.00 | 0.00 |
| | 0.00 | 0.00 |

| Particulars | Outstanding for following periods from due date of payment | | | | | |
|---|---|---|---|---|---|---|
| | Less than 6 M | 6 m - 1 year | 1-2 yr | 2-3 yr | More than 3 years | Total |
| Undisputed Trade receivables unsecured | | | | | | |
| (i) considered good | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| (ii) considered doubtful | | | | | | 0.00 |
| Disputed Trade Receivables unsecured | | | | | | |
| (iii) considered good | | | | | | 0.00 |
| (iv) considered doubtful | | | | | | 0.00 |
| TOTAL | | | | | | 0.00 |

# similar information shall be given where no due date of payment is specified, in that case disclosure shall be from the date of the transaction. Unbilled dues shall be disclosed separately.

## NOTE- 20 CASH AND CASH EQUIVALENTS

| | | | | |
|---|---|---|---|---|
| Balance with bank | | | | |
| Bank Balances | | 52,742.35 | 40,678.38 | |
| | | 52,742.35 | | 40,678.38 |
| Cash in hand | | 21,524.74 | | 765.69 |
| TOTAL | | 74,267.09 | | 41,444.07 |

The Management at the year end physically verified the Cash in hand of the concern.

## NOTE- 21 SHORT TERM LOAN AND ADVANCES

| Particulars | Amount | Allowance for bad and doubtful loan | |
|---|---|---|---|
| *To related parties:* | | | |
| Others | | 1,067.42 | 1,067.42 |
| TOTAL | | 1067.42 | 1067.42 |

## NOTE- 22 OTHER CURRENT ASSETS

| | | |
|---|---|---|
| TDS AY 23-24 | 2,603.37 | 2,603.37 |
| Security | 5,400.00 | 5,400.00 |
| Receivable | - | 468.00 |
| TDS AY 24-25 | 505.39 | - |
| TOTAL | 8508.76 | 8471.37 |

## NOTE - 23 REVENUE FROM OPERATIONS

| | | |
|---|---|---|
| Revenue | 4,67,002.43 | 347087.80 |
| TOTAL | 467002.43 | 347087.80 |
| Amount not recognised as revenue due to lack of reasonably certainty of its ultimate collection: | NIL | NIL |

## NOTE - 24 OTHER INCOMES

| | | |
|---|---|---|
| Interest on FDR | 3,064.81 | 26035.01 |
| Interest on Refund | | 46.37 |
| TOTAL | 3064.81 | 26081.38 |

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**NOTE - 25 COST OF MATERIAL CONSUMED**

| | | |
|---|---|---|
| 0.00 | - | 0.00 |
| TOTAL | 0.00 | 0.00 |

**NOTE - 26 TRADING GOODS**

| PARTICULARS | OPENING | PURCHASE | CONSUMED | SALES | CLOSING |
|---|---|---|---|---|---|
| *Finished Goods Stock* | 0 | 0 | 0.00 | 0.00 | 0.00 |
| TOTAL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**NOTE - 27 EMPLOYEE BENEFITS EXPENSES**

| | | |
|---|---|---|
| Staff Salary | 1,73,453.95 | 114237.08 |
| TOTAL | 173453.95 | 114237.08 |

**NOTE - 28 FINANCE COST**

| | | |
|---|---|---|
| Bank Charges | 120.16 | 95.51 |
| Bank Interest | 461.74 | 1531.30 |
| TOTAL | 581.90 | 1626.81 |

**NOTE - 29 OTHER EXPENSES**

| | | | |
|---|---|---|---|
| Payment to Auditors | | | |
| Audit fees | - | 150.00 | |
| Others | - | - | |
| | - | - | 150.00 |
| Advertisement | 6,928.19 | | 705.53 |
| Stationery & Printing | 158.25 | | 58.95 |
| Misse exp | 1,332.07 | | 11,132.63 |
| Insurance Exp | 705.20 | | - |
| Counselling Expenses | 1,585.00 | | 210.00 |
| Conveyence & travelling | 858.07 | | 226.88 |
| Building repair & Maintenance | 885.44 | | 151.81 |
| Office Exp | 1.00 | | 85.40 |
| Marketing and Sales Promotion | 8,072.88 | | - |
| Dr visit charges | 6,000.00 | | 6,000.00 |
| RGVP enrollment fee | - | | - |
| Books | 881.59 | | 166.00 |
| Registration Fees/Affiliation Fees | 9,720.80 | | 31,436.72 |
| Computer Exps | - | | 83.00 |
| Machinery Repair and Maintenance | 35.50 | | 45.15 |
| Staff Welfare Exps | 57.95 | | 167.43 |
| Vehicle Running exps | 4,569.71 | | 2,062.89 |
| Lab Material | - | | 1,100.00 |
| Electricity Exps | 1,194.19 | | 1,792.79 |
| Council Fees | 1,604.00 | | - |
| Int on TDS | 130.41 | | 68.51 |
| Telephone | 66.65 | | 2.99 |
| TOTAL | 44,786.90 | | 55646.68 |

Certain petty figures may have been regrouped for better presentation in line with Sch III to report all figures in ₹ '00.

**NOTE - 30 EARNING PER SHARE**

| | | |
|---|---|---|
| *Profit Attributable to Equity Shareholders* | 2,35,387.16 | 1,85,972.36 |
| *Number of Equity Shares* | 10,000 | 10,000 |
| *Basic* | 23.5387 | 18.5972 |
| *Diluted* | 23.5387 | 18.5972 |

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