**Criteria-I**

**1.1.3. Provide a description of courses with focus on competency/ employability/ entrepreneurship/ skill-development offered either by the University or in collaboration with partner Institutions / Industries during the last five years**

LIST OF COURSES HAVING FOCUS ON COMPETENCY/ EMPLOYABILITY/ENTREPRENEURSHIP/ SKILL-DEVELOPMENT

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| **Program** | **Course** | **Course Code** | **Focus Area** | **Unit** |
| MBBS | Anatomy | BS- 101 | Competency | PCMS |
| MBBS | Physiology | BS- 102 | Competency | PCMS |
| MBBS | Biochemistry | BS- 103 | Competency | PCMS |
| MBBS | Pathology | BS- 201 | Competency | PCMS |
| MBBS | Microbiology | BS-202 | Competency | PCMS |
| MBBS | Pharmacology | BS-203 | Competency | PCMS |
| MBBS | Community Medicine | BS-303 | Competency | PCMS |
| MBBS | Forensic Medicine | BS-204 | Competency | PCMS |
| MBBS | Ophthalmology | BS- 301 | Competency | PCMS |
| MBBS | ENT | BS- 302 | Competency | PCMS |
| MBBS | General Medicine | BS- 304 | Competency | PCMS |
| MBBS | General Surgery | BS- 305 | Competency | PCMS |
| MBBS | Obstetrics & Gynecology | BS- 306 | Competency | PCMS |
| MBBS | Pediatrics | BS- 307 | Competency | PCMS |
| MD | Anatomy | 01B01 | Competency | PCMS |
| MD | Anaesthesia | 01B02 | Competency | PCMS |
| MD | Biochemistry | 01B03 | Competency | PCMS |
| MD | Community Medicine | 01B04 | Competency | PCMS |
| MD | Dermatology | 01B05 | Competency | PCMS |

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| **Program** | **Course** | **Course Code** | **Focus Area** | **Unit** |
| MD | ENT | 01B06 | Competency | PCMS |
| MD | Forensic Medicine | 01B07 | Competency | PCMS |
| MD | General Medicine | 01B08 | Competency | PCMS |
| MD | Microbiology | 01B10 | Competency | PCMS |
| MD | Paediatrics | 01B14 | Competency | PCMS |
| MD | Pathology | 01B15 | Competency | PCMS |
| MD | Pharmacology | 01B16 | Competency | PCMS |
| MD | Physiology | 01B17 | Competency | PCMS |
| MD | Psychiatry | 01B18 | Competency | PCMS |
| MD | Radiodiagnosis | 01B19 | Competency | PCMS |
| MD | Pulmonary Medicine | 01B20 | Competency | PCMS |
| MS | Ophthalomology | 01B12 | Competency | PCMS |
| MS | Orthopaedics | 01B13 | Competency | PCMS |
| MS | Obstetrics &Gynaecology | 01B11 | Competency | PCMS |
| MS | General Surgery | 01B09 | Competency | PCMS |
| M.Sc | Medical Biochemistry | 02B | Competency | PCMS |

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| **Program** | **Course** | **Course Code** | **Focus Area** | Unit |
| M.Sc | Medical Microbiology | 03B | Competency | PCMS |
| M.Sc | Medical Anatomy | 08B | Competency | PCMS |
| M.Sc | Medical Physiology | 09B | Competency | PCMS |
| M.Sc | Medical Pharmacology | 10B | Competency | PCMS |
| BPT | Human Physiology | 05A | Competency & Skill Development | PCPS |
| BPT | Bio Electrial Modalities | 05A | Competency | PCPS |
| BPT | Bio Mechanical Modalities | O5A | Competency | PCPS |
| BPT | Sociology & Psychology | 05A | Competency | PCPS |
| BPT | Pharmacology & Biochemistry | 05A | Competency | PCPS |
| BPT | Pathology & Microbiology | 05A | Competency | PCPS |
| BPT | General Surgery /Ent/Opthal/Obs &Gyneacology | 05A | Competency | PCPS |
| BPT | General Medicine | 05A | Competency | PCPS |
| BPT | Orthopedics | 05A | Competency & Skill Development | PCPS |
| BPT | Electrotherapy | 05A | Competency & Skill Development | PCPS |
| BPT | Exercise Therapy & Yoga | 05A | Competency & Skill Development | PCPS |

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| **Program** | **Course** | **Course Code** | **Focus Area** | **Unit** |
| BPT | Neurology & Neuro Surgery ,Cardio& Cardiothoracic Surgery | 05A | Competency | PCPS |
| BPT | Physiotherapy In Orthopedics | 05A | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |
| BPT | Physiotherapy In Neurology | 05A | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |
| BPT | Physical Evaluation | 05A | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |
| BPT | Biomechanical & Bioengineering | 05A | Competency | PCPS |
| BPT | Physical Diagnosis & Prescription | 05A | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |
| BPT | Pt In Cardiothoracic Medicine &Surgery | 05A | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |
| BPT | Pt In Sports | 05A | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |
| BPT | Community Medicine | 05A | Competency | PCPS |
| BPT | Rehabilitation & Bio Statistics | 05A | Competency | PCPS |

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| **Program** | **Course** | **Course Code** | **Focus Area** | Unit |
| BMLT | Biochemistry | 07A | Competency ,Skill - Development | PCPS |
| BMLT | Hematology & Clinical Pathology | 07A | Competency ,Skill - Development | PCPS |
| BMLT | Applied Histology | 07A | Competency ,Skill - Development | PCPS |
| BMLT | Microbiology | 07A | Competency ,Skill - Development | PCPS |
| BMLT | Analytical Biochemistry | 07A | Competency ,Skill - Development | PCPS |
| BMLT | Hematology | 07A | Competency ,Skill - Development | PCPS |
| BMLT | Cellular Pathology | 07A | Competency ,Skill - Development | PCPS |
| BMLT | Identification Of Bacteria | 07A | Competency ,Skill - Development | PCPS |
| BMLT | Clinical Biochemistry | 07A | Competency ,Skill - Development | PCPS |
| BMLT | Applied Hematology | 07A | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |
| BMLT | Special Histology | 07A | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |

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| **Program** | **Course** | **Course Code** | **Focus Area** | Unit |
| BMLT | Applied Microbiology | O7A | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |
| DMLT | Applied Anatomy & Physiology | 02C | Competency ,Skill - Development | PCPS |
| DMLT | Biochemistry | 02C | Competency , Skill - Development | PCPS |
| DMLT | Hematology ,Bloo Banking ,Clinical Pathology& Parasitology | 02C | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |
| DMLT | Microbiology ,& Serology ,Histology& Cytology | 02C | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |
| DDT | Applied Anatomy & Physiology | 01C | Competency , Skill - Development | PCPS |
| DDT | Fundamentals Of Dialysis | O1C | Competency , Skill - Development | PCPS |
| DDT | Peritonial Dialysis | 01C | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |
| DDT | Hemodialysis | 01C | Competency ,Employability, Entrepreneurship ,Skill Development | PCPS |

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| **Program** | **Course** | **Course Code** | **Focus Area** | Unit |
| MPT | Basic Medical Sciences | 5B3 | Competancy , Skill - Development | PCPS |
| MPT | Kinesiology & Biomechanics | 5B3 | Competancy , Skill - Development | PCPS |
| MPT | Exercise Physiology | 5B3 | Competancy , Skill - Development | PCPS |
| MPT | Exercise Therapy &Emergancy Care | 5B3 | Competancy , Skill - Development | PCPS |
| MPT | Physical Medicine & Rehabilitation | 5B3 | Competancy ,Employibility,Enterpreneuship ,Skill Development | PCPS |
| MPT | **Clinical & Educational Psychology** | 5B3 | Competancy ,Employibility,Enterpreneuship ,Skill Development | PCPS |
| MPT | Orthopedics | 5B3 | Competancy ,Employibility,Enterpreneuship ,Skill Development | PCPS |
| MPT | Neurology | 5B3 | Competancy ,Employibility,Enterpreneuship ,Skill Development | PCPS |
| MPT | Cardiology | 5B3 | Competancy ,Employibility,Enterpreneuship ,Skill Development | PCPS |

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| **Program** | **Course** | **Course Code** | **Focus Area** | Unit |
| Bsc Nursing | Medical Surgical Nursing | BN-203,BN-301 | Competency & Skill Development | PCNS |
| Post Basic Bsc Nursing | PBN-108 | Competency & Skill Development | PCNS |
| Msc Nursing | MN-104A,MN-203A | Competency & Skill Development | PCNS |
| Bsc Nursing | Mental Health Nursing | BN-303 | Competency & Skill Development | PCNS |
| Post Basic Bsc Nursing | PBN-203 | Competency & Skill Development | PCNS |
| Msc Nursing | MN-104C,MN-203C | Competency & Skill Development | PCNS |
| Bsc Nursing | Community Health Nursing | BN-204,BN-403 | Competency & Skill Development | PCNS |
| Post Basic Bsc Nursing | PBN-202 | Competency & Skill Development | PCNS |
| Msc Nursing | MN-104D,MN-203D | Competency & Skill Development | PCNS |
| Bsc Nursing | Midwifery & Obstetrical Nursing | BN-401 | Competency & Skill Development | PCNS |
| Post Basic Bsc Nursing | Maternal Nursing | PBN-105 | Competency & Skill Development | PCNS |
| Msc Nursing | Obstetric And Gyanecology Nursing | MN-104B,MN-203B | Competency & Skill Development | PCNS |

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| **Program** | **Course** | **Course Code** | **Focus Area** | Unit |
| **BDS** | Human Anatomy including Embryology & Histology | BD-101 | Skill development | PCDS/PDA |
| **BDS** | General Human Physiology & Biochemistry | BD-102 | Skill development | PCDS/PDA |
| **BDS** | Dental Anatomy, Embryology and Oral Histology | BD-103 | Skill development | PCDS/PDA |
| **BDS** | General Pathology & Microbiology | BD-201 | Skill development | PCDS/PDA |
| **BDS** | General and Dental Pharmacology and Therapeutics | BD-202 | Skill development | PCDS/PDA |
| **BDS** | Dental Materials | BD-203 | Skill development | PCDS/PDA |
| **BDS** | Pre-Clinical Conservative Dentistry | BD-204 | Skill development | PCDS/PDA |
| **BDS** | Pre-Clinical Prosthodontics | BD-205 | Skill development | PCDS/PDA |
| **BDS** | General Medicine | BD-301 | Skill development | PCDS/PDA |
| **BDS** | General surgery | BD-302 | Skill development | PCDS/PDA |
| **BDS** | Oral Pathology & Oral Microbiology | BD-303 | Skill development | PCDS/PDA |
| **BDS** | Oral Medicine and Radiology | BD-401 | Skill development | PCDS/PDA |
| **BDS** | Public Health Dentistry | BD-402 | Skill development | PCDS/PDA |
| **BDS** | Orthodontics & Dentofacial Orthopaedics | BD-403 | Skill development | PCDS/PDA |
| **BDS** | Periodontology | BD-404 | Skill development | PCDS/PDA |
| **BDS** | Prosthodontics and Crown & Bridge | BD-405 | Skill development | PCDS/PDA |
| **BDS** | Conservative Dentistry and Endodontics | BD-406 | Skill development | PCDS/PDA |
| **BDS** | Oral & Maxillofacial Surgery | BD-407 | Skill development | PCDS/PDA |
| **BDS** | Pedodontics & Preventive Dentistry | BD-408 | Skill development | PCDS/PDA |
| MDS: | Conservative Dentistry and Endodontics |  | Skill development | PCDS/PDA |
| MDS: | Oral & Maxillofacial Surgery |  | Skill development | PCDS/PDA |

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| **Program** | **Course** | **Course Code** | **Focus Area** | Unit |
| MDS: | .Oral Medicine & Radiology |  | Skill development | PCDS/PDA |
| MDS: | Oral Pathology & Microbiology |  | Skill development | PCDS/PDA |
| MDS: | 5.Orthodontics & Dentofacial Orthopedics |  | Skill development | PCDS/PDA |
| MDS: | 6.Pedodontics & Preventive Dentistry |  | Skill development | PCDS/PDA |
| MDS: | 7.Peridontics |  | Skill development | PCDS/PDA |
| MDS: | 8.Prosthodontics & Crown Bridge |  | Skill development | PCDS/PDA |
| MDS: | 9.Public Health Dentistry |  | Skill development | PCDS/PDA |
| MBA | Accounting and finance for managers | CP-103 | Competency | PIMR |
| MBA | Quantitative Techniques | CP-106 | Competency | PIMR |
| MBA | Principles and practices of Management | CP-101 | Competency | PIMR |
| MBA | Managerial Economics | CP-102 | Competency | PIMR |
| MBA | Business communications | CP-107 | Skill -Development | PIMR |
| MBA | Human Resource Management | CP-201 | Competency | PIMR |
| MBA | Marketing Management | CP-202 | Competency | PIMR |
| MBA | Operations Research | CP-204 | Competency | PIMR |
| MBA | Financial Management | CP-205 | Competency | PIMR |
| MBA | Organisation Behaviour | CP-211 | Competency | PIMR |
| MBA | Research Methodology | CP- 208 | Competency | PIMR |
| MBA | Project Management | CP-301 | Competency | PIMR |
| MBA | Business Policy and Strategic Management | CP-302 | Competency | PIMR |
| MBA | Consumer Behaviour | MM-101 | Competency | PIMR |
| MBA | Advertising and Sales Promotion | MM-102 | Employability | PIMR |
| MBA | Industrial and Services Marketing | MM-104 | Employability | PIMR |
| MBA | Logistics and Sales Management | MM-105 | Employability | PIMR |
| MBA | Industrial Relations | HRM-101 | Employability | PIMR |
| MBA | Compensation Management | HRM-102 | Employability | PIMR |
| MBA | Training and Development | HRM-103 | Employability | PIMR |
| MBA | Human Resource Planning and Development | HRM-105 | Competency | PIMR |
| MBA | Security Analysis and Investment Management | FM- 101 | Competency | PIMR |
| MBA | International Financial Management | FM- 102 | Competency | PIMR |
| MBA | Management of Financial Services | FM- 103 | Competency | PIMR |
| MBA | Financial Derivatives | FM- 104 | Competency | PIMR |

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| **Program** | **Course** | **Course Code** | **Focus Area** | Unit |
| MBA | International Marketing | IB-102 | Competency | PIMR |
| MBA | Export-Import Procedures, Documentation and Logistics | IB-103 | Competency | PIMR |
| MBA | India’s Foreign Trade Policy | IB-104 | Competency | PIMR |
| MBA | Global Human Resource Management | IB-105 | Competency | PIMR |
| MBA | Hospital Administration | HM-101 | Employbility | PIMR |
| MBA | Hospital Architecture, Planning, Design and Maintenance | HM-102 | Employbility | PIMR |
| MBA | Support Services in Hospital | HM-104 | Employbility | PIMR |
| MBA | Hospital Information Systems | HM-105 | Employbility | PIMR |
| BBA | English Language | FC - 101 | Skill Development | PIMR |
| BBA | Introduction to Computers | FC - 102 | Skill Development | PIMR |
| BBA | Accountancy | BCP 143 | Competency | PIMR |
| BBA | Economics | BCP 144 | Competency | PIMR |
| BBA | Organizational Behaviour | BCP 115 | Competency | PIMR |
| BBA | Business Communication | FC - 204 | Competency | PIMR |
| BBA | Business Mathematics | BCP 243 | Competency | PIMR |
| BBA | Principles of Management | BCP 214 | Competency | PIMR |
| BBA | Business Economics | BCP 225 | Competency | PIMR |
| BBA | Entrepreneurship Development | FC - 301 | Competency | PIMR |
| BBA | Indian Culture, Ethics & Values | FC - 302 | Competency | PIMR |
| BBA | Financial Management | BBA 306 | Competency | PIMR |
| BBA | Marketing Management | BBA 305 | Competency | PIMR |
| BBA | Corporate Accounting | BCP 324 | Competency | PIMR |
| BBA | Soft Skills | FC - 401 | Skill Development | PIMR |
| BBA | Research Methodology | FC - 402 | Competency | PIMR |
| BBA | Cost Accounting | BCP 443 | Competency | PIMR |
| BBA | Business Policy | BBA 406 | Competency | PIMR |
| BBA | Personnel Management | BBA 405 | Competency | PIMR |
| BBA | Management Information System | FC - 501 | Competency | PIMR |
| BBA | Business Statistics | FC - 502 | Competency | PIMR |
| BBA | Business Organisation | BCP 543 | Competency | PIMR |
| BBA | Management Accounting | BCM 504 | Competency | PIMR |
| BBA | Working Capital Management | BCM 505 | Competency | PIMR |
| BBA | Human Resource Development | BBA 505\* | Competency | PIMR |
| BBA | Product & Brand Management | BBA 506\* | Competency | PIMR |
| BBA | Management of Financial Services | BBA 507\* | Competency | PIMR |

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| **Program** | **Course** | **Course Code** | **Focus Area** | Unit |
| BBA | Hospital Administration | BBA 508 | Employability | PIMR |
| BBA | Business Ethics & Corporate Social Responsibility | FC – 601 | Competency | PIMR |
| BBA | Business Laws | BCP 602 | Competency | PIMR |
| BBA | Auditing | BCM 603 | Competency | PIMR |
| BBA | E Commmerce Essentials | BCM 604 | Competency | PIMR |
| BBA | Retail Management | BBA 606 | Competency | PIMR |
| **Program** | **Course and Code** | | **Focus Area** |  |
| B.Tech | MET-1305 Machine Drawing | | **Competency/Employability** | SORT |
| B.Tech | MET-1402 Production Process | | **Competency/Employability** | SORT |
| B.Tech | MET-1408 Electrical Workshop | | **Competency/Employability** | SORT |
| B.Tech | BT-1407 Social Engineering. | | **Competency/Employability** | SORT |
| B.Tech | MET-1502 Power Plant Engineering | | **Competency/Employability** | SORT |
| B.Tech | BT-1608 GD/Seminar. | | **Competency/Employability** | SORT |
| B.Tech | MET-17102 Computer Aided Engineering | | **Competency/Employability** | SORT |
| B.Tech | MET-17103 Automobile Engineering | | **Competency/Employability** | SORT |
| B.Tech | MET-18103 Mechatronics | | **Competency/Employability** | SORT |
| B.Tech | MET-1802 Machine Design - II | | **Competency/Employability** | SORT |
| B.Tech | MET-1804 Quality Control and Reliability | | **Competency/Employability** | SORT |
| B.Tech | MET-1805 Engineering Software lab – III | | **Competency/Employability** | SORT |
| B.Tech | Engineering Mathematics-I (CCSE-101) | | **Competency/Employability** | SORT |
| B.Tech | Engineering Mathematics-III (CCSE-201) | | **Competency/Employability** | SORT |
| B.Tech | Computer Architecture(CCSE-204) | | **Competency/Employability** | SORT |

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| **Program** | **Course and Code** | **Focus Area** | Unit |
| B.Tech | Analysis And Design of Algorithm (CCSE-208) | **Competency/Employability** | SORT |
| B.Tech | Object Oriented Programming (CCSE-206) | **Competency/Employability** | SORT |
| B.Tech | Database Management System (CCSE-307) | **Competency/Employability** | SORT |
| B.Tech | Automata Theory (CCSE-304) | **Competency/Employability** | SORT |
| B.Tech | Operating System (CCSE-308) | **Competency/Employability** | SORT |
| B.Tech | Compiler Design (CCSE-405) | **Competency/Employability** | SORT |
| B.Tech | Unix and Shell Programming (CCSE-211) | **Competency/Employability** | SORT |
| B.Tech | Computer Graphics (CCSE-210) | **Competency/Employability** | SORT |
| B.Tech | Database Management System (CCSE-307) | **Competency/Employability** | SORT |
| B.Tech | Cloud Computing (CCSE-306) | **Competency/Employability** | SORT |
| B.Tech | Neural Network And Artificial Intelligence (CCSE-311) | **Competency/Employability** | SORT |
| B.Tech | Cryptography & Network Security (CCSE-312) | **Competency/Employability** | SORT |
| B.Tech | Block Chain Programming (CCSE-406) | **Competency/Employability** | SORT |
| B.Tech | Machine Learning With Python (CCSE-408) | **Competency/Employability** | SORT |
| B.Tech | Big Data Analytics (CCSE-4202) | **Competency/Employability** | SORT |
| B.Tech | CET-1302 Transportation Engg.-I | **Competency/Employability** | SORT |
| B.Tech | CET-1303 Strength of Materials | **Competency/Employability** | SORT |
| B.Tech | CET-1402 Concrete Technology | **Competency/Employability** | SORT |
| B.Tech | CET-1405 Fluid Mechanics-I | **Competency/Employability** | SORT |

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| **Program** | **Course and Code** | **Focus Area** | Unit |
| B.Tech | CET-1502 Transportation Engineering-II | **Competency/Employability** | SORT |
| B.Tech | CET-1505-Fluid Mechanics-II | **Competency/Employability** | SORT |
| B.Tech | CET-1602-Theory of Structure-I | **Competency/Employability** | SORT |
| B.Tech | CET-1603-Design of RCC Structure-II | **Competency/Employability** | SORT |
| B.Tech | CET-1604-Environmental Engg.-I | **Competency/Employability** | SORT |
| B.Tech | CET-1605-Geotechnical Engg.- I | **Competency/Employability** | SORT |
| B.Tech | CET-17101-Traffic Engineering | **Competency/Employability** | SORT |
| B.Tech | CET-1703-Theory of Structure-II | **Competency/Employability** | SORT |
| B.Tech | CET-1304-Building Design and Drawing | **Competency/Employability** | SORT |
| B.Tech | CET-1404-Surveying-I | **Competency/Employability** | SORT |
| B.Tech | CET-1406-Material Testing Lab | **Competency/Employability** | SORT |
| B.Tech | CET-1503-Design of R.C.C. Structures-I | **Competency/Employability** | SORT |
| B.Tech | CET-1504-Surveying-II | **Competency/Employability** | SORT |
| B.Tech | CET-1506-Highway Material Testing Lab | **Competency/Employability** | SORT |
| B.Tech | CET-1702-Design of Steel Structure-I | **Competency/Employability** | SORT |
| B.Tech | CET-18103-Construction Planning & Management | **Competency/Employability** | SORT |
| B.Tech | CET-1802-Design of Steel Structure-II | **Competency/Employability** | SORT |
| B.Tech | CET-1804-Estimation & Costing | **Competency/Employability** | SORT |
| B.Tech | Electromagnetic Theory BT-1522 | **Competency/Employability** | SORT |

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| **Program** | **Course and Code** | | **Focus Area** | Unit |
| B.Tech | Control System EET-1505 | | **Competency/Employability** | SORT |
| B.Tech | Digital Electronic EET-1504 | | **Competency/Employability** | SORT |
| B.Tech | Electrical Machine I EET-1302 | | **Competency/Employability** | SORT |
| B.Tech | Electrical Drives (EET-1703) | | **Competency/Employability** | SORT |
| B.Tech | Circuit Theory EET-1305 | | **Competency/Employability** | SORT |
| B.Tech | Power Electronics EET-1604 | | **Competency/Employability** | SORT |
| B.Tech | Microprocessors EET-1605 | | **Competency/Employability** | SORT |
| B.Tech | Electrical Machine II EET-1404 | | **Competency/Employability** | SORT |
| B.Tech | Electronic Devices & Circuits BT-1403 | | **Competency/Employability** | SORT |
| B.Tech | Power System Operation & Control (EET-1804) | | **Competency/Employability** | SORT |
| B.Tech | Non Conventional Energy Source EET-1702 | | **Competency/Employability** | SORT |
| B.Tech | Protection of Power System EET-1704 | | **Competency/Employability** | SORT |
| B.Tech | Transmission & Distribution of Electrical power EET-1503 | | **Competency/Employability** | SORT |
| B.Tech | Electrical Engineering Material EET-1302 | | **Competency/Employability** | SORT |
| B.Tech | Power Quality EET-18101 | | **Competency/Employability** | SORT |
| B.Tech | Electronic instrumentation and Measurement EET-1605 |  | **Competency/Employability** | SORT |
| B.Tech | Utilization of Electrical Power EET-1602 | | **Competency/Employability** | SORT |
| B.Tech | Electrical Power Generation EET-1402 | | **Competency/Employability** | SORT |
| B.Tech | Analog & Digital Communication EET-1405 | | **Competency/Employability** | SORT |

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| **Program** | **Course and Code** | **Focus Area** | Unit |
| B.Tech | MATLAB SIMULINK (EET-1805) | **Competency/Employability** | SORT |
| B.Tech | Electrical Measurement & Instrumentation(EET-1304) | **Competency/Employability** | SORT |
| B.Tech | Computer Aided Design of Electrical Machine (EET-1803) | **Competency/Employability** | SORT |
| B.Tech | Electrical Machine Design CAD based -(EET-1705) | **Competency/Employability** | SORT |
| B.Tech | ECT1303 Electronic Devices | **Competency/Employability** | SORT |
| B.Tech | ECT1305 Network Analysis | **Competency/Employability** | SORT |
| B.Tech | ECT1403 Electronic Circuits | **Competency/Employability** | SORT |
| B.Tech | ECT1404 Digital Logic Design | **Competency/Employability** | SORT |
| B.Tech | ECT1405 Analog Communication | **Competency/Employability** | SORT |
| B.Tech | ECT1503 Digital Communication | **Competency/Employability** | SORT |
| B.Tech | ECT1504 Microprocessor | **Competency/Employability** | SORT |
| B.Tech | ECT1603 Digital Signal Processing | **Competency/Employability** | SORT |
| B.Tech | ECT1604 Microwave Engineering | **Competency/Employability** | SORT |
| B.Tech | ECT1703 Antenna & Wave Propagation | **Competency/Employability** | SORT |
| B.Tech | ECT1704 Optical Communication | **Competency/Employability** | SORT |
| B.Tech | ECT1802 Advance Communication System | **Competency/Employability** | SORT |
| B.Tech | ECT1804 Microcontroller & Embedded System | **Competency/Employability** | SORT |
| B.Tech | MTPE 102 Product Design & Development | **Competency/Employability** | SORT |
| B.Tech | MTPE 103 Mechanical Measurement and Metrology | **Competency/Employability** | SORT |

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| **Program** | **Course and Code** | | **Focus Area** | Unit |
| B.Tech | MTPE 104 Advanced Materials Technology | **Competency/Employability** | | SORT |
| B.Tech | MTPE 105 Finite Element Method | **Competency/Employability** | | SORT |
| B.Tech | MTPE202 Industrial Design & Ergonomics | **Competency/Employability** | | SORT |
| B.Tech | MTPE203 Thermo Fabrication Processes | **Competency/Employability** | | SORT |
| B.Tech | MTPE204 Maintenance Engineering | **Competency/Employability** | | SORT |
| B.Tech | MTPE205 Rapid Prototyping | **Competency/Employability** | | SORT |
| B.Tech | MTPE2101 Quality and Reliability Engineering | **Competency/Employability** | | SORT |
| B.Tech | MTPE2102 Virtual Design and Manufacturing | **Competency/Employability** | | SORT |
| B.Tech | MTPE 3101 Industrial Safety | **Competency/Employability** | | SORT |
| B.Tech | MTPE3201 Optimization Techniques for Decision Making | **Competency/Employability** | | SORT |
| B.Tech | MTPE3202 Agile Manufacturing | **Competency/Employability** | | SORT |
| B.Tech | MTPE3203 Robust Design | **Competency/Employability** | | SORT |
| B.Tech | MTTE 1104 IC Engine & Alternate Fuels | **Competency/Employability** | | SORT |
| B.Tech | MTTE 1105 Boiler Auxiliaries & Performance | **Competency/Employability** | | SORT |
| B.Tech | Evaluation. | **Competency/Employability** | | SORT |
| B.Tech | MTTE 1202 Advanced Refrigeration & Air Conditioning | **Competency/Employability** | | SORT |
| B.Tech | MTTE 1204 Computation Fluid Dynamics | **Competency/Employability** | | SORT |
| B.Tech | MTTE13202 Finite Element Method in Heat | **Competency/Employability** | | SORT |
| B.Tech | Transfer Analysis | **Competency/Employability** | | SORT |

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| **Program** | **Course and Code** | **Focus Area** | Unit |
| B.Tech | MTTE13203 Computer Aided Design of Thermal | **Competency/Employability** | SORT |
| B.Tech | Algorithms (MTCS 101) | **Competency/Employability** | SORT |
| B.Tech | Advanced Concepts in DatabaseSystems.( MTCS 102) | **Competency/Employability** | SORT |
| B.Tech |  | **Competency/Employability** | SORT |
| B.Tech | Advanced Concepts in Operating Systems(MTCS 103) | **Competency/Employability** | SORT |
| B.Tech | Parallel Computer Architecture(MTCS 205) | **Competency/Employability** | SORT |
| B.Tech | Cloud Computing(MTCS 314) | **Competency/Employability** | SORT |
| B.Tech | Algorithms(MTCS 303) | **Competency/Employability** | SORT |
| B.Tech | Advance Operating System & Linux(MTCY 101) | **Competency/Employability** | SORT |
| B.Tech | Network Security(MTCY 203) | **Competency/Employability** | SORT |
| B.Tech | Algorithms (MTCS 101) | **Competency/Employability** | SORT |
| B.Tech | Advanced Concepts in Database Systems.( MTCS 102) | **Competency/Employability** | SORT |
| B.Tech | Artificial Intelligence and Soft Computing(MTCS 201) | **Competency/Employability** | SORT |
| B.Tech | Network security(MTCS 203) | **Competency/Employability** | SORT |
| B.Tech | Computer Graphics and Multimedia(MTCS 324) | **Competency/Employability** | SORT |
| B.Tech | Cloud Computing (MTCS 314) | **Competency/Employability** | SORT |
| B.Tech | Advance Operating System & Linux(MTCY 101) | **Competency/Employability** | SORT |
| B.Tech | Computer Forensics Science(MTCY 201) | **Competency/Employability** | SORT |
| B.Tech | Information Security and Quality assurance(MTCY 205) | **Competency/Employability** | SORT |

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| **Program** | **Course and Code** | **Focus Area** | Unit |
| B.Tech | Network Security(MTCY 203) | **Competency/Employability** | SORT |
| B.Tech | Mobile &Wireless Security(MTCY 202) | **Competency/Employability** | SORT |
| B.Tech | Digital Cyber Crimes & Cyber Criminology(MTCY 301) | **Competency/Employability** | SORT |
| B.Tech | MTCM1104 Concrete Construction Technology | **Competency/Employability** | SORT |
| B.Tech | MTCM1106 Material Testing-I | **Competency/Employability** | SORT |
| B.Tech | High Voltage Engineering(MTPS-1104) | **Competency/Employability** | SORT |
| B.Tech | EHVAC-DC Transmission System(MTPS-1105 | **Competency/Employability** | SORT |
| B.Tech | HVDC- Transmission System(MTPS-205 | **Competency/Employability** | SORT |
| B.Tech | Energy Auditing(MTPS-203) | **Competency/Employability** | SORT |
| B.Tech | MTDC1102 DSP & Its Applications | **Competency/Employability** | SORT |
| B.Tech | MTDC1103 Advanced Digital Communication | **Competency/Employability** | SORT |
| B.Tech | MTDC1104 Modern Telephone Switching System | **Competency/Employability** | SORT |
| B.Tech | MTDC1105 Microcontroller System | **Competency/Employability** | SORT |
| B.Tech | MTDC 1202 Data Communication & Computer Network | **Competency/Employability** | SORT |
| B.Tech | MTDC 1203 Optical Communication | **Competency/Employability** | SORT |
| B.Tech | MTDC 1204 Wireless & Mobile Communication | **Competency/Employability** | SORT |
| B.Tech | MTDC 1205 Antenna Engineering & Design | **Competency/Employability** | SORT |
| B.Tech | BT-1501 Entrepreneurship & IPR | **Entrepreneurship** | SORT |
| B.Tech | BT-16103 Human Resource Management | **Entrepreneurship** | SORT |
| B.Tech | MET-1602Production Planning & Control | **Entrepreneurship** | SORT |

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| **Program** | **Course and Code** | **Focus Area** | Unit |
| B.Tech | MET-17101 Value Engineering | **Entrepreneurship** | SORT |
| B.Tech | MET-1703 Industrial Engineering and Operations Research | **Entrepreneurship** | SORT |
| B.Tech | BT-1508 Indian Constitution | **Entrepreneurship** | SORT |
| B.Tech | MET-18101 Work-study and Ergonomics | **Entrepreneurship** | SORT |
| B.Tech | DME15011 Industrial Engineering & Management | **Entrepreneurship** | SORT |
| B.Tech | Computer Graphics (CCSE-210) | **Entrepreneurship** | SORT |
| B.Tech | Entrepreneurship & IPR (CCSE-301) | **Entrepreneurship** | SORT |
| B.Tech | Neural Network And Artificial Intelligence (CCSE-311) | **Entrepreneurship** | SORT |
| B.Tech | Machine Learning With Python (CCSE-408) | **Entrepreneurship** | SORT |
| B.Tech | CET-1308-AutoCAD-I | **Entrepreneurship** | SORT |
| B.Tech | CET-1408 AutoCAD-II | **Entrepreneurship** | SORT |
| B.Tech | BT-16102 Human Health & Nutrition Disorder Electrical Software(EET-1506) | **Entrepreneurship** | SORT |
| B.Tech | CTI-805 Internship (12 Weeks) | **Entrepreneurship** | SORT |
| B.Tech | CTI-806 Professional Ethics & Proficiency | **Entrepreneurship** | SORT |
| B.Tech | MTPE 3103 Cost Management of Engineering Projects | **Entrepreneurship** | SORT |
| B.Tech | MTTE 1206 Refrigeration & Air Conditioning Lab | **Entrepreneurship** | SORT |
| B.Tech | Web Technology & E Commerce(MTCS 105) | **Entrepreneurship** | SORT |
| B.Tech | Artificial Intelligence and Soft Computing(MTCS 201) | **Entrepreneurship** | SORT |

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| **Program** | **Course and Code** | **Focus Area** | Unit |
| B.Tech | MTCM1107 Software Lab –I | **Entrepreneurship** | SORT |
| B.Tech | BT-1306 C++ Programming | **Skill-Development** | SORT |
| B.Tech | BT-1307 Professional Skills | **Skill-Development** | SORT |
| B.Tech | MET-1308 Mechanical Engineering Software Lab - I | **Skill-Development** | SORT |
| B.Tech | MET-1406 Manufacturing Process Lab | **Skill-Development** | SORT |
| B.Tech | MET-1506 Mechanical Engineering Software Lab – II | **Skill-Development** | SORT |
| B.Tech | MET-1606 CNC & Metal CuttingLab | **Skill-Development** | SORT |
| B.Tech | MET-1705 Mechanical Measurements and Metrology Lab | **Skill-Development** | SORT |
| B.Tech | MET-1507 Industrial Training-I | **Skill-Development** | SORT |
| B.Tech | MET-1707 Industrial Training-II | **Skill-Development** | SORT |
| B.Tech | BT-1807 Professional Ethics and Proficiency | **Skill-Development** | SORT |
| B.Tech | Communication Skills(CCSE-104) | **Skill-Development** | SORT |
| B.Tech | Introduction to Internet of Things(CCSE-105) | **Skill-Development** | SORT |
| B.Tech | Introduction to Python (CCSE-111) | **Skill-Development** | SORT |
| B.Tech | Computer Hardware Lab(CCSE-114) | **Skill-Development** | SORT |
| B.Tech | Programming with C++ (CCSE-212) | **Skill-Development** | SORT |
| B.Tech | Java Programming (CCSE-209) | **Skill-Development** | SORT |
| B.Tech | Dot Net Technology Lab (CCSE-214) | **Skill-Development** | SORT |
| B.Tech | Web Designing Lab (CCSE-313) | **Skill-Development** | SORT |

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| **Program** | **Course and Code** | **Focus Area** | Unit |
| B.Tech | Programming with php (CCSE-407) | **Skill-Development** | SORT |
| B.Tech | Human Computer Interaction (CCSE-4101) | **Skill-Development** | SORT |
| B.Tech | CET-1507 Industrial Training-I | **Skill-Development** | SORT |
| B.Tech | BT-16101 Ethical Hacking & Cyber Security | **Skill-Development** | SORT |
| B.Tech | BT-1607 Research Methodology | **Skill-Development** | SORT |
| B.Tech | BT-1608 GD/Seminar | **Skill-Development** | SORT |
| B.Tech | CET-1706 Minor Project | **Skill-Development** | SORT |
| B.Tech | CET-1707 Industrial Training-II | **Skill-Development** | SORT |
| B.Tech | ECT1408 Software Lab -II | **Skill-Development** | SORT |
| B.Tech | ECT1506 Electronics Workshop-II | **Skill-Development** | SORT |
| B.Tech | ECT1507 Industrial Training-I | **Skill-Development** | SORT |
| B.Tech | ECT1606 IC Application Lab | **Skill-Development** | SORT |
| B.Tech | ECT1705 CMOS VLSI Lab | **Skill-Development** | SORT |
| B.Tech | ECT1706 Minor Project | **Skill-Development** | SORT |
| B.Tech | ECT1707 Industrial Training-II | **Skill-Development** | SORT |
| B.Tech | ECT1803 TV & Radar Engineering | **Skill-Development** | SORT |
| B.Tech | CTI-505 Python Programming | **Skill-Development** | SORT |
| B.Tech | BTI-142 Introduction to Open source Software and Open Standard | **Skill-Development** | SORT |
| B.Tech | BTI-346 JAVA Programming | **Skill-Development** | SORT |

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| **Program** | **Course and Code** | **Focus Area** | Unit |
| B-Pharma | Human Anatomy And Physiology-I BP101T. | Competency | SOPR |
| B-Pharma | Pharmaceutical Inorganic Chemistry BP104T | Competency | SOPR |
| B-Pharma | Remedial Biology BP106RBT | Competency | SOPR |
| B-Pharma | Remedial Mathematics BP106RMT | Competency | SOPR |
| B-Pharma | Human Anatomy And Physiology-II BP 201T | Competency | SOPR |
| B-Pharma | Pharmaceutical Organic Chemistry –I BP202T | Competency | SOPR |
| B-Pharma | Pharmaceutical Organic Chemistry –II BP301T | Competency | SOPR |
| B-Pharma | Physical Pharmaceutics-I BP302T | Competency | SOPR |
| B-Pharma | Pharmaceutical Organic Chemistry –III BP401T | Competency | SOPR |
| B-Pharma | Physical Pharmaceutics-II BP403T | Competency | SOPR |
| B-Pharma | Pharmaceutical Jurisprudence BP505T | Competency | SOPR |
| B-Pharma | Pharmaceutical Analysis BP102T. | Employability | SOPR |
| B-Pharma | Pharmaceutics- I BP103T | Employability | SOPR |
| B-Pharma | Medicinal Chemistry – I BP402T | Employability | SOPR |
| B-Pharma | Pharmacology-I BP404T | Employability | SOPR |
| **Program** | **Course and Code** | **Focus Area** | Unit |
| B-Pharma | Pharmacognosy And Phytochemistry I BP405T | Employability | SOPR |
| B-Pharma | Medicinal Chemistry – II BP501T | Employability | SOPR |
| B-Pharma | Pharmacology-II BP503T | Employability | SOPR |
| B-Pharma | Pharmacognosy And Phytochemistry II BP504T | Employability | SOPR |
| B-Pharma | Medicinal Chemistry – III BP601T | Employability | SOPR |
| B-Pharma | Pharmacology-III BP602T | Employability | SOPR |
| B-Pharma | Biopharmaceutics And Pharmacokinetics BP604T | Employability | SOPR |
| B-Pharma | Pharmaceutical Quality Assurance BP606T | Employability | SOPR |
| B-Pharma | Instrumental Methods Of Analysis BP701T | Employability | SOPR |
| B-Pharma | Novel Drug Delivery Systems BP704T | Employability | SOPR |
| B-Pharma | Drug Delivery system MPH102T | Employability | SOPR |
| B-Pharma | Molecular Pharmaceutics (Nano Tech and Focused DDS)MPH201T | Employability | SOPR |
| B-Pharma | Advanced Biopharmaceutics and pharmacokineticsMPH202T | Employability | SOPR |
| B-Pharma | Pathophysiology BP204T | Entrepreneurship | SOPR |

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| **Program** | **Course and Code** | **Focus Area** | Unit |
| B-Pharma | Biochemistry BP203T | Entrepreneurship | SOPR |
| B-Pharma | Pharmaceutical Microbiology BP303T | Entrepreneurship | SOPR |
| B-Pharma | Pharmaceutical Engineering BP304T | Entrepreneurship | SOPR |
| B-Pharma | Industrial Pharmacy I BP502T | Entrepreneurship | SOPR |
| B-Pharma | Herbal Drug Technology BP603T | Entrepreneurship | SOPR |
| B-Pharma | Pharmaceutical Biotechnology BP605T | Entrepreneurship | SOPR |
| B-Pharma | Industrial Pharmacy II BP702T | Entrepreneurship | SOPR |
| B-Pharma | Pharmacy Practice BP703T | Entrepreneurship | SOPR |
| B-Pharma | Biostatisitcs And Research Methodology BP801T | Entrepreneurship | SOPR |
| B-Pharma | Modern Pharmaceutical Analytical Techniques MPH101T | Entrepreneurship | SOPR |
| B-Pharma | Regulatory Affairs MPH104T | Entrepreneurship | SOPR |
| B-Pharma | Computer Aided drug delivery SystemMPH203T | Entrepreneurship | SOPR |
| B-Pharma | Cosmetics and CosmeceuticalsMPH204T | Entrepreneurship | SOPR |