

भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna Transcript



RollNo: 0401ME13 Name: Jewelle Larchiere Programn Bachelor of Technol Course: Mechanical Engineering

Semester1

| Subject N | o. Subject Name | L-T-P | Credit | Grade |
|-----------|--------------------------------------|-------|--------|-------|
| CH101 | Chemistry - I | 3-1-0 | 8 | CC |
| CH110 | Chemistry Laboratory | 0-0-3 | 3 | BC |
| EE101 | Electrical Sciences | 3-1-0 | 8 | CC |
| HS101 | English: Language Through Literature | 3-0-0 | 6 | BC |
| MA101 | Mathematics - I | 3-1-0 | 8 | BB |
| ME111 | Engineering Drawing | 2-0-3 | 7 | BC |
| PH101 | Physics - I | 2-1-0 | 6 | CC |
| PH110 | Physics Laboratory | 0-0-3 | 3 | AB |

Semester2

| Subject No | Subject Name | L-T-P | Credit | Grade |
|------------|------------------------------|-------|--------|-------|
| CH102 | Chemistry - II | 3-0-0 | | 6 CD |
| CS101 | Introduction to Computing | 3-0-0 | | 6 CD |
| CS110 | Computing Laboratory | 0-0-3 | | 3 BC |
| EE102 | Basic Electronics Laboratory | 0-0-4 | | 4 BC |
| MA102 | Mathematics - II | 3-1-0 | | 8 BC |
| ME101 | Engineering Mechanics | 3-1-0 | | 8 CD |
| ME110 | Workshop - I | 0-0-3 | | 3 BB |
| PH102 | Physics - II | 2-1-0 | | 6 CD |

Semester3

| Subject No. | Subject Name | L-T-P | Credit | Grade |
|-------------|-------------------------------------|-------|--------|-------|
| CS201 | Object Oriented Programming and Dat | 3-0-3 | 9 | BC |
| HS201 | Introductory Microeconomics | 3-0-0 | 6 | CC |
| MA201 | Mathematics - III | 3-1-0 | 8 | BC |
| ME201 | Solid Mechanics | 2-1-0 | 6 | CC |
| ME204 | Fluid Mechanics - I | 2-1-0 | 6 | CC |
| ME205 | Thermodynamics | 3-1-0 | 8 | CD |
| ME211 | Machine Drawing | 0-0-4 | 4 | BB |

Semester4

| Subject No. | Subject Name | L-T-P | Credit | Grade |
|-------------|---------------------------------------|-------|--------|-------|
| EE280 | Electrical Machines | 3-0-0 | 6 | CC |
| EE281 | Electrical Machines Laboratory | 0-0-3 | 3 | BB |
| HS202 | Introductory Macroeconomics | 3-0-0 | 6 | CC |
| MA251 | Optimization Techniques | 3-0-0 | 6 | BB |
| ME202 | Engineering Materials | 3-0-0 | 6 | BB |
| ME203 | Advanced Solid Mechanics | 2-1-0 | 6 | BC |
| ME206 | Fluid Mechanics - II | 2-1-0 | 6 | CC |
| ME210 | Workshop - II | 0-0-6 | 6 | AB |
| ME212 | Mechanical Engineering Laboratory - I | 0-0-4 | 4 | BB |

Semester5

| Subject No. | Subject Name | L-T-P | Credit | Grade |
|-------------|---------------------------------------|-------|--------|-------|
| ME301 | Manufacturing Technology - I | 3-1-0 | 8 | DD |
| ME302 | Mechanical Measurements | 2-1-0 | 6 | BB |
| ME303 | Design of Machine Elements | 3-1-0 | 8 | CD |
| ME304 | Kinematics of Machinery | 2-1-0 | 6 | CC |
| ME305 | Heat and Mass Transfer | 3-1-0 | 8 | BC |
| ME310 | Mechanical Engineering Laboratory - I | 0-0-4 | 4 | BC |
| ME321 | Applied Thermodynamics - I | 2-1-0 | 6 | CC |

Semester6

| Subject No. | Subject Name | L-T-P | Credit | Grade |
|-------------|---------------------------------------|-------|--------|-------|
| HS331 | Sociology of Development | 3-0-0 | 6 | BC |
| ME306 | Manufacturing Technology - II | 3-1-0 | 8 | BC |
| ME307 | Machine Design | 3-0-2 | 8 | BC |
| ME308 | Dynamics of Machinery | 2-1-0 | 6 | BB |
| ME309 | Control Systems | 3-1-0 | 8 | BC |
| ME311 | Mechanical Engineering Laboratory - I | 0-0-4 | 4 | BB |
| ME322 | Applied Thermodynamics - II | 2-1-0 | 6 | CD |

Semester7

| Subject No. | Subject Name | L-T-P | Credit | Grade |
|-------------|---------------------------------------|-------|--------|-------|
| ME400 | Summer Training | 0-0-0 | 2 | AA |
| ME401 | Industrial Engineering and Operations | 3-1-0 | 8 | AB |
| ME411 | Mechanical Engineering Laboratory - I | 0-0-4 | 4 | AA |
| ME449 | Refrigeration and Air Conditioning | 3-0-0 | 6 | BC |
| ME461 | Robotics and Robot Applications | 3-0-0 | 6 | AB |
| ME498 | Project - I | 0-0-8 | 8 | AA |
| PH401 | Introduction to Nanomaterials | 3-0-0 | 6 | AB |

Semester8

| Subject No. | Subject Name | L-T-P | Credit | Grade |
|-------------|---|--------|--------|-------|
| HS441 | Industrial and Organizational Psychological | 3-0-0 | 6 | CC |
| MA412 | Matrix Computation | 3-0-0 | 6 | BC |
| ME442 | Aerodynamics | 3-0-0 | 6 | BB |
| ME446 | Composite Materials and Engineering | 3-0-0 | 6 | BC |
| ME499 | Project - II | 0-0-16 | 16 | BB |

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Assistant Registrar(Acadamic)