



भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institute of Technology Patna
Transcript



Roll Number: 0401ME11 Name: Tanney Polak Year of Admission: 2004
Programme: Bachelor of Technology Course: Mechanical Engineering

Semester 1

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|---------------------------------------|-------|-----|-----|
| CH101 | Chemistry - I | 3-1-0 | 8 | DD |
| CH110 | Chemistry Laboratory | 0-0-3 | 3 | BC |
| EE101 | Electrical Sciences | 3-1-0 | 8 | CD |
| HS101 | English : Language Through Literature | 3-0-0 | 6 | CD |
| MA101 | Mathematics - I | 3-1-0 | 8 | DD |
| ME111 | Engineering Drawing | 2-0-3 | 7 | CC |
| PH101 | Physics - I | 2-1-0 | 6 | F* |
| PH110 | Physics Laboratory | 0-0-3 | 3 | BB |

Credits Taken: 49 Credits Cleared: 49 SPI: 4.51 CPI: 4.51

Semester 2

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|------------------------------|-------|-----|-----|
| CH102 | Chemistry - II | 3-0-0 | 6 | CD |
| CS101 | Introduction to Computing | 3-0-0 | 6 | DD |
| CS110 | Computing Laboratory | 0-0-3 | 3 | BC |
| EE102 | Basic Electronics Laboratory | 0-0-4 | 4 | BC |
| MA102 | Mathematics - II | 3-1-0 | 8 | DD |
| ME101 | Engineering Mechanics | 3-1-0 | 8 | CC |
| ME110 | Workshop - I | 0-0-3 | 3 | BC |
| PH102 | Physics - II | 2-1-0 | 6 | DD* |

Credits Taken: 44 Credits Cleared: 44 SPI: 5.18 CPI: 4.83

Semester 3

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|---|-------|-----|-----|
| CS201 | Object Oriented Programming and Data Structures | 3-0-3 | 9 | CD |
| HS201 | Introductory Microeconomics | 3-0-0 | 6 | DD |
| MA201 | Mathematics - III | 3-1-0 | 8 | DD |
| ME201 | Solid Mechanics | 2-1-0 | 6 | DD |
| ME204 | Fluid Mechanics - I | 2-1-0 | 6 | DD |
| ME205 | Thermodynamics | 3-1-0 | 8 | DD |
| ME211 | Machine Drawing | 0-0-4 | 4 | BB |

Credits Taken: 47 Credits Cleared: 47 SPI: 4.53 CPI: 4.73

Semester 4

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|---------------------------------------|-------|-----|-----|
| EE280 | Electrical Machines | 3-0-0 | 6 | DD |
| EE281 | Electrical Machines Laboratory | 0-0-3 | 3 | CD |
| HS202 | Introductory Macroeconomics | 3-0-0 | 6 | CD |
| MA251 | Optimization Techniques | 3-0-0 | 6 | DD |
| ME202 | Engineering Materials | 3-0-0 | 6 | DD |
| ME203 | Advanced Solid Mechanics | 2-1-0 | 6 | DD |
| ME206 | Fluid Mechanics - II | 2-1-0 | 6 | DD |
| ME210 | Workshop - II | 0-0-6 | 6 | BC |
| ME212 | Mechanical Engineering Laboratory - I | 0-0-4 | 4 | CC |

Credits Taken: 49 Credits Cleared: 49 SPI: 4.71 CPI: 4.72

Semester 5

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|--|-------|-----|-----|
| ME301 | Manufacturing Technology - I | 3-1-0 | 8 | DD |
| ME302 | Mechanical Measurements | 2-1-0 | 6 | CC |
| ME303 | Design of Machine Elements | 3-1-0 | 8 | DD |
| ME304 | Kinematics of Machinery | 2-1-0 | 6 | CD |
| ME305 | Heat and Mass Transfer | 3-1-0 | 8 | DD |
| ME310 | Mechanical Engineering Laboratory - II | 0-0-4 | 4 | BB |
| ME321 | Applied Thermodynamics - I | 2-1-0 | 6 | DD |

Credits Taken: 46 Credits Cleared: 46 SPI: 4.74 CPI: 4.72

Semester 6

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|---|-------|-----|-----|
| HS331 | Sociology of Development | 3-0-0 | 6 | DD |
| ME306 | Manufacturing Technology - II | 3-1-0 | 8 | DD |
| ME307 | Machine Design | 3-0-2 | 8 | CC |
| ME308 | Dynamics of Machinery | 2-1-0 | 6 | DD |
| ME309 | Control Systems | 3-1-0 | 8 | DD |
| ME311 | Mechanical Engineering Laboratory - III | 0-0-4 | 4 | BC |
| ME322 | Applied Thermodynamics - II | 2-1-0 | 6 | DD |

Credits Taken: 46 Credits Cleared: 46 SPI: 4.61 CPI: 4.7

Semester 7

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|--|-------|-----|-----|
| ME400 | Summer Training | 0-0-0 | 2 | AB |
| ME401 | Industrial Engineering and Operations Research | 3-1-0 | 8 | CD |
| ME411 | Mechanical Engineering Laboratory - IV | 0-0-4 | 4 | BC |
| ME498 | Project - I | 0-0-8 | 8 | AB |
| ME501 | Robotics: Advanced Concepts and Analysis | 3-0-0 | 6 | CC |
| ME503 | Computational Fluid Dynamics | 3-0-0 | 6 | DD |
| PH401 | Introduction to Nanomaterials | 3-0-0 | 6 | CC |

Credits Taken: 40 Credits Cleared: 40 SPI: 6.35 CPI: 4.91

Semester 8

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|--|-------|-----|-----|
| HS441 | Industrial and Organizational Psychology | 3-0-0 | 6 | DD |
| ME447 | Laser Material Processing | 3-0-0 | 6 | CC |
| ME449 | Refrigeration and Air Conditioning | 3-0-0 | 6 | DD |
| ME499 | Project - II | 0-0-1 | 16 | BC |
| PH403 | Photovoltaics & Fuel Cell Technology | 3-0-0 | 6 | DD |

Credits Taken: 40 Credits Cleared: 40 SPI: 5.5 CPI: 4.98

Semester 9

Semester 10

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|--------------|-------|-----|-----|
| PH101 | Physics - I | 2-1-0 | 6 | DD |
| PH102 | Physics - II | 2-1-0 | 6 | BB |

Credits Taken: 12 Credits Cleared: 12 SPI: 6.0 CPI: 5.01



(Handwritten signature)