

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna



Transcript

**Roll\_Number:** 0401ME13 Name: Jewelle Larchiere

**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   | 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  |

Credits Taken:49 Credits Cleared:49 SPI:6.84 CPI:6.84

# 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   | 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  |

Credits Taken:44 Credits Cleared:44 SPI:5.89 CPI:5.89

## Semester 3

| Sub. Code | Subject Name                         | L-T-P | CRD | GRD |
|-----------|--------------------------------------|-------|-----|-----|
| CS201     | Object Oriented Programming and Data | 3-0-3 | 9   | BC  |
| HS201     | Introducto Str Miuros conomics       | 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  |

**Year of Admission: 2004** 

Credits Taken:47 Credits Cleared:47 SPI:6.36 CPI:6.36

# Semester 4

| Sub. Code | Subject Name                          | L-T-P | CRD | GRD |
|-----------|---------------------------------------|-------|-----|-----|
| 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  |

Credits Taken:49 Credits Cleared:49 SPI:7.27 CPI:7.27

## 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   | 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 - II | 0-0-4 | 4   | BC  |
| ME321     | Applied Thermodynamics - I             | 2-1-0 | 6   | CC  |

Credits Taken:46 Credits Cleared:46 SPI:6.0 CPI:6.0

#### Semester 6

| Sub. Code | Subject Name                            | L-T-P | CRD | GRD |
|-----------|---|-------|-----|-----|
| 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 - III | 0-0-4 | 4   | BB  |
| ME322     | Applied Thermodynamics - II             | 2-1-0 | 6   | CD  |

Credits Taken:46 Credits Cleared:46 SPI:6.96 CPI:6.96

#### Semester 7

| Sub. Code | Subject Name                           | L-T-P | CRD | GRD |
|-----------|--|-------|-----|-----|
| ME400     | Summer Training                        | 0-0-0 | 2   | AA  |
| ME401     | Industrial Engineering and Operations  | 3-1-0 | 8   | AB  |
| ME411     | Mechanical EngRuseainghLaboratory - IV | 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  |

Credits Taken:40 Credits Cleared:40 SPI:9.05 CPI:9.05

### **Semester 8**

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|-----------|--|--------|-----|-----|
| Sub. Code | Subject Name                             | L-T-P  | CRD | GRD |
| HS441     | Industrial and Organizational Psychology | 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  |

Credits Taken:40 Credits Cleared:40 SPI:7.4 CPI:7.4





Asssistant Registrar (Academic)

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