



# भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



INTERIM TRANSCRIPT

TRANSCRIPT

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Roll No: 0501ME04 Name: Zechariah Farlam Year of Admission: 2005  
Programme: Bachelors of Technology Course: Mechanical Engineering

## Semester 1

| Sub Code | Subject Name                          | L-T-P | CRD | GRD |
|----------|---------------------------------------|-------|-----|-----|
| CH101    | Chemistry - I                         | 3-1-0 | 8   | CD  |
| CH110    | Chemistry Laboratory                  | 0-0-3 | 3   | AB  |
| EE101    | Electrical Sciences                   | 3-1-0 | 8   | BC  |
| HS101    | English : Language Through Literature | 3-0-0 | 6   | BC  |
| MA101    | Mathematics - I                       | 3-1-0 | 8   | CD  |
| ME110    | Workshop - I                          | 0-0-3 | 3   | BB  |
| ME111    | Engineering Drawing                   | 2-0-3 | 7   | BB  |
| PH101    | Physics - I                           | 2-1-0 | 6   | BB  |

Credits Taken: 49 Credits Cleared: 49 SPI: 6.8 CPI: 6.8

## Semester 2

| Sub Code | Subject Name                 | L-T-P | CRD | GRD |
|----------|------------------------------|-------|-----|-----|
| CH102    | Chemistry - II               | 3-0-0 | 6   | BB  |
| CS101    | Introduction to Computing    | 3-0-0 | 6   | BC  |
| CS110    | Computing Laboratory         | 0-0-3 | 3   | BC  |
| EE102    | Basic Electronics Laboratory | 0-0-4 | 4   | AB  |
| MA102    | Mathematics - II             | 3-1-0 | 8   | CD  |
| ME101    | Engineering Mechanics        | 3-1-0 | 8   | CC  |
| PH102    | Physics - II                 | 2-1-0 | 6   | BB  |
| PH110    | Physics Laboratory           | 0-0-3 | 3   | AB  |

Credits Taken: 44 Credits Cleared: 44 SPI: 7.05 CPI: 6.91

## Semester 3

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

Credits Taken: 47 Credits Cleared: 47 SPI: 7.66 CPI: 7.16

## Semester 4

| Sub Code | Subject Name                          | L-T-P | CRD | GRD |
|----------|---------------------------------------|-------|-----|-----|
| EE280    | Electrical Machines                   | 3-0-0 | 6   | BC  |
| EE281    | Electrical Machines Laboratory        | 0-0-3 | 3   | BC  |
| HS202    | Introductory Macroeconomics           | 3-0-0 | 6   | AB  |
| MA231    | Introduction to Numerical Methods     | 3-0-0 | 6   | BB  |
| ME202    | Engineering Materials                 | 3-0-0 | 6   | AB  |
| ME203    | Advanced Solid Mechanics              | 2-1-0 | 6   | BB  |
| ME206    | Fluid Mechanics - II                  | 2-1-0 | 6   | BB  |
| ME210    | Workshop - II                         | 0-0-6 | 6   | BC  |
| ME212    | Mechanical Engineering Laboratory - I | 0-0-4 | 4   | BB  |

Credits Taken: 49 Credits Cleared: 49 SPI: 7.94 CPI: 7.37

## Semester 5

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

Credits Taken: 46 Credits Cleared: 46 SPI: 8.22 CPI: 7.53

## 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   | BB  |
| ME308    | Dynamics of Machinery                   | 2-1-0 | 6   | BB  |
| ME309    | Control Systems                         | 3-1-0 | 8   | AB  |
| ME311    | Mechanical Engineering Laboratory - III | 0-0-4 | 4   | AB  |
| ME322    | Applied Thermodynamics - II             | 2-1-0 | 6   | AB  |

Credits Taken: 46 Credits Cleared: 46 SPI: 8.09 CPI: 7.62

## Semester 7

| Sub Code | Subject Name                                   | L-T-P | CRD | GRD |
|----------|--|-------|-----|-----|
| ME400    | Summer Training                                | 0-0-0 | 2   | AA  |
| ME401    | Industrial Engineering and Operations Research | 3-1-0 | 8   | BC  |
| ME411    | Mechanical Engineering Laboratory - IV         | 0-0-4 | 4   | AB  |
| ME445    | Finite Element Method                          | 3-0-0 | 6   | AB  |
| ME481    | Introduction to Biomechanics                   | 3-0-0 | 6   | BC  |
| ME498    | Project - I                                    | 0-0-8 | 8   | AA  |
| ME503    | Computational Fluid Dynamics                   | 3-0-0 | 6   | AA  |

Credits Taken: 40 Credits Cleared: 40 SPI: 8.7 CPI: 7.76

## Semester 8

| Sub Code | Subject Name                              | L-T-P  | CRD | GRD |
|----------|---|--------|-----|-----|
| CE442    | Industrial Waste Treatment and Management | 3-0-0  | 6   | AB  |
| HS441    | Industrial and Organizational Psychology  | 3-0-0  | 6   | BB  |
| ME442    | Aerodynamics                              | 3-0-0  | 6   | AA  |
| ME499    | Project - II                              | 0-0-16 | 16  | AA  |
| ME512    | Mobile Robotics                           | 3-0-0  | 6   | BC  |

Credits Taken: 40 Credits Cleared: 40 SPI: 9.1 CPI: 7.91