



भारतीय प्रौद्योगिकी संस्थान पटना  
INDIAN INSTITUTE OF TECHNOLOGY PATNA



INTERIM TRANSCRIPT

TRANSCRIPT

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Roll No: 0501ME19 Name: Jarrett Hambling Year of Admission: 2020  
Programme: Bachelors of Technology Course: ME

Semester 1

|       |                                       |       |   |      |    |
|-------|---------------------------------------|-------|---|------|----|
| CH101 | Chemistry - I                         | 3-1-0 | 8 | CORE | BB |
| CH110 | Chemistry Laboratory                  | 0-0-3 | 3 | CORE | AA |
| EE101 | Electrical Sciences                   | 3-1-0 | 8 | CORE | BB |
| HS101 | English : Language Through Literature | 3-0-0 | 6 | CORE | AB |
| MA101 | Mathematics - I                       | 3-1-0 | 8 | CORE | BC |
| ME110 | Workshop - I                          | 0-0-3 | 3 | CORE | AB |
| ME111 | Engineering Drawing                   | 2-0-3 | 7 | CORE | AB |
| PH101 | Physics - I                           | 2-1-0 | 6 | CORE | AB |

Credits Taken: 49 Credits Cleared: 49 SPI: 8.41 CPI: 8.41

Semester 2

|       |                              |       |   |      |    |
|-------|------------------------------|-------|---|------|----|
| CH102 | Chemistry - II               | 3-0-0 | 6 | CORE | BB |
| CS101 | Introduction to Computing    | 3-0-0 | 6 | CORE | AB |
| CS110 | Computing Laboratory         | 0-0-3 | 3 | CORE | AA |
| EE102 | Basic Electronics Laboratory | 0-0-4 | 4 | CORE | AB |
| MA102 | Mathematics - II             | 3-1-0 | 8 | CORE | BC |
| ME101 | Engineering Mechanics        | 3-1-0 | 8 | CORE | CC |
| PH102 | Physics - II                 | 2-1-0 | 6 | CORE | BB |
| PH110 | Physics Laboratory           | 0-0-3 | 3 | CORE | AA |

Credits Taken: 44 Credits Cleared: 93 SPI: 7.95 CPI: 8.19

Semester 3

|       |                                                 |       |   |             |    |
|-------|-------------------------------------------------|-------|---|-------------|----|
| CS201 | Object Oriented Programming and Data Structures | 3-0-3 | 9 | CORE        | BB |
| HS201 | Introductory Microeconomics                     | 3-0-0 | 6 | HS ELECTIVE | BB |
| MA201 | Mathematics - III                               | 3-1-0 | 8 | CORE        | BC |
| ME201 | Solid Mechanics                                 | 2-1-0 | 6 | CORE        | AB |
| ME204 | Fluid Mechanics - I                             | 2-1-0 | 6 | CORE        | AA |
| ME205 | Thermodynamics                                  | 3-1-0 | 8 | CORE        | AB |
| ME211 | Machine Drawing                                 | 0-0-4 | 4 | CORE        | AB |

Credits Taken: 47 Credits Cleared: 140 SPI: 8.47 CPI: 8.29

Semester 4

|       |                                       |       |   |              |    |
|-------|---------------------------------------|-------|---|--------------|----|
| EE280 | Electrical Machines                   | 3-0-0 | 6 | CORE         | CC |
| EE281 | Electrical Machines Laboratory        | 0-0-3 | 3 | CORE         | BB |
| HS202 | Introductory Macroeconomics           | 3-0-0 | 6 | HS Elective  | BB |
| MA231 | Introduction to Numerical Methods     | 3-0-0 | 6 | Elective-Sc. | CC |
| ME202 | Engineering Materials                 | 3-0-0 | 6 | CORE         | AA |
| ME203 | Advanced Solid Mechanics              | 2-1-0 | 6 | CORE         | AA |
| ME206 | Fluid Mechanics - II                  | 2-1-0 | 6 | CORE         | AA |
| ME210 | Workshop - II                         | 0-0-6 | 6 | CORE         | BB |
| ME212 | Mechanical Engineering Laboratory - I | 0-0-4 | 4 | CORE         | AA |

Semester 7 Credits Taken: 49 Credits Cleared: 189 SPI: 8.41 CPI: 8.32

|       |                                                |       |   |                            |    |
|-------|------------------------------------------------|-------|---|----------------------------|----|
| ME400 | Summer Training                                | 0-0-0 | 2 | CORE                       | AA |
| ME401 | Industrial Engineering and Operations Research | 3-1-0 | 8 | Open Elective - I          | BB |
| ME411 | Mechanical Engineering Laboratory - IV         | 0-0-4 | 4 | CORE                       | AB |
| ME445 | Finite Element Method                          | 3-0-0 | 6 | Departmental Elective - II | AB |
| ME481 | Introduction to Biomechanics                   | 3-0-0 | 6 | CORE                       | BB |
| ME498 | Project - I                                    | 0-0-8 | 8 | CORE                       | AA |
| ME503 | Computational Fluid Dynamics                   | 3-0-0 | 6 | CORE                       | AB |

Credits Taken: 40 Credits Cleared: 321 SPI: 8.9 CPI: 8.59

Semester 5

|       |                                        |       |   |      |    |
|-------|----------------------------------------|-------|---|------|----|
| ME301 | Manufacturing Technology - I           | 3-1-0 | 8 | CORE | AA |
| ME302 | Mechanical Measurements                | 2-1-0 | 6 | CORE | AB |
| ME303 | Design of Machine Elements             | 3-1-0 | 8 | CORE | BB |
| ME304 | Kinematics of Machinery                | 2-1-0 | 6 | CORE | BB |
| ME305 | Heat and Mass Transfer                 | 3-1-0 | 8 | CORE | AB |
| ME310 | Mechanical Engineering Laboratory - II | 0-0-4 | 4 | CORE | AA |
| ME321 | Applied Thermodynamics - I             | 2-1-0 | 6 | CORE | AB |

Credits Taken: 46 Credits Cleared: 235 SPI: 8.96 CPI: 8.44

Semester 6

|       |                                         |       |   |              |    |
|-------|-----------------------------------------|-------|---|--------------|----|
| HS311 | Diasporic Literature                    | 3-0-0 | 6 | HSS Elective | AB |
| ME306 | Manufacturing Technology - II           | 3-1-0 | 8 | CORE         | AA |
| ME307 | Machine Design                          | 3-0-2 | 8 | CORE         | AB |
| ME308 | Dynamics of Machinery                   | 2-1-0 | 6 | CORE         | AB |
| ME309 | Control Systems                         | 3-1-0 | 8 | CORE         | AB |
| ME311 | Mechanical Engineering Laboratory - III | 0-0-4 | 4 | CORE         | AB |
| ME322 | Applied Thermodynamics - II             | 2-1-0 | 6 | CORE         | BB |

Credits Taken: 46 Credits Cleared: 281 SPI: 9.04 CPI: 8.54

Semester 8

|       |                                           |        |    |                             |    |
|-------|-------------------------------------------|--------|----|-----------------------------|----|
| CE442 | Industrial Waste Treatment and Management | 3-0-0  | 6  | Open Elective - II          | AB |
| HS441 | Industrial and Organizational Psychology  | 3-0-0  | 6  | HS Elective                 | AB |
| ME442 | Aerodynamics                              | 3-0-0  | 6  | Departmental Elective - III | AB |
| ME446 | Composite Materials and Engineering       | 3-0-0  | 6  | Departmental Elective - IV  | BB |
| ME499 | Project - II                              | 0-0-16 | 16 | CORE                        | AB |

Credits Taken: 40 Credits Cleared: 361 SPI: 8.85 CPI: 8.61

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Assistant Registrar (Academic)