



भारतीय प्रौद्योगिकी संस्थान पटना
INDIAN INSTITUTE OF TECHNOLOGY PATNA



INTERIM TRANSCRIPT

TRANSCRIPT

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Roll No: 0401ME34 Name: Orv Burrows Year of Admission: 2020
Programme: Bachelors of Technology Course: ME

Semester 1

| | | | | | |
|-------|---------------------------------------|-------|---|------|----|
| CH101 | Chemistry - I | 3-1-0 | 8 | CORE | BC |
| CH110 | Chemistry Laboratory | 0-0-3 | 3 | CORE | BB |
| EE101 | Electrical Sciences | 3-1-0 | 8 | CORE | BC |
| HS101 | English : Language Through Literature | 3-0-0 | 6 | CORE | BC |
| MA101 | Mathematics - I | 3-1-0 | 8 | CORE | BC |
| ME111 | Engineering Drawing | 2-0-3 | 7 | CORE | AB |
| PH101 | Physics - I | 2-1-0 | 6 | CORE | BB |
| PH110 | Physics Laboratory | 0-0-3 | 3 | CORE | AA |

Credits Taken: 49 Credits Cleared: 49 SPI: 7.65 CPI: 7.65

Semester 2

| | | | | | |
|-------|------------------------------|-------|---|------|----|
| CH102 | Chemistry - II | 3-0-0 | 6 | CORE | BB |
| CS101 | Introduction to Computing | 3-0-0 | 6 | CORE | CD |
| CS110 | Computing Laboratory | 0-0-3 | 3 | CORE | BB |
| EE102 | Basic Electronics Laboratory | 0-0-4 | 4 | CORE | BB |
| MA102 | Mathematics - II | 3-1-0 | 8 | CORE | BC |
| ME101 | Engineering Mechanics | 3-1-0 | 8 | CORE | BC |
| ME110 | Workshop - I | 0-0-3 | 3 | CORE | BB |
| PH102 | Physics - II | 2-1-0 | 6 | CORE | CC |

Credits Taken: 44 Credits Cleared: 93 SPI: 6.95 CPI: 7.32

Semester 3

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|-------|---|-------|---|-------------|----|
| CS201 | Object Oriented Programming and Data Structures | 3-0-3 | 9 | CORE | BC |
| 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 | BB |
| ME205 | Thermodynamics | 3-1-0 | 8 | CORE | BB |
| ME211 | Machine Drawing | 0-0-4 | 4 | CORE | AB |

Credits Taken: 47 Credits Cleared: 140 SPI: 7.85 CPI: 7.5

Semester 4

| | | | | | |
|-------|---------------------------------------|-------|---|--------------|----|
| EE280 | Electrical Machines | 3-0-0 | 6 | CORE | CC |
| EE281 | Electrical Machines Laboratory | 0-0-3 | 3 | CORE | BB |
| HS223 | Cognition: Language and Computation | 3-0-0 | 6 | HS Elective | AB |
| MA251 | Optimization Techniques | 3-0-0 | 6 | Sc. Elective | BB |
| ME202 | Engineering Materials | 3-0-0 | 6 | CORE | BC |
| ME203 | Advanced Solid Mechanics | 2-1-0 | 6 | CORE | BC |
| ME206 | Fluid Mechanics - II | 2-1-0 | 6 | CORE | BC |
| ME210 | Workshop - II | 0-0-6 | 6 | CORE | AB |
| ME212 | Mechanical Engineering Laboratory - I | 0-0-4 | 4 | CORE | AB |

Semester 7 Credits Taken: 49 Credits Cleared: 189 SPI: 7.71 CPI: 7.56

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|-------|--|-------|---|---------------------------|----|
| ME400 | Summer Training | 0-0-0 | 2 | CORE | AB |
| ME401 | Industrial Engineering and Operations Research | 3-1-0 | 8 | CORE | AB |
| ME411 | Mechanical Engineering Laboratory - IV | 0-0-4 | 4 | CORE | AB |
| ME441 | Computational Fluid Dynamics | 3-0-0 | 6 | DEPARTMENTAL ELECTIVE - I | BB |
| ME445 | Finite Element Method | 3-0-0 | 6 | DEPARTMENTAL ELECTIVE - I | BC |
| ME498 | Project - I | 0-0-8 | 8 | CORE | AB |
| PH401 | Introduction to Nanomaterials | 3-0-0 | 6 | OPEN ELECTIVE - I | AB |

Credits Taken: 40 Credits Cleared: 321 SPI: 8.55 CPI: 7.47

Semester 5

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

Credits Taken: 46 Credits Cleared: 235 SPI: 6.61 CPI: 7.37

Semester 6

| | | | | | |
|-------|---|-------|---|-------------|----|
| HS331 | Sociology of Development | 3-0-0 | 6 | HS Elective | BC |
| ME306 | Manufacturing Technology - II | 3-1-0 | 8 | CORE | CC |
| ME307 | Machine Design | 3-0-2 | 8 | CORE | BC |
| ME308 | Dynamics of Machinery | 2-1-0 | 6 | CORE | BB |
| ME309 | Control Systems | 3-1-0 | 8 | CORE | BC |
| ME311 | Mechanical Engineering Laboratory - III | 0-0-4 | 4 | CORE | BB |
| ME322 | Applied Thermodynamics - II | 2-1-0 | 6 | CORE | BC |

Credits Taken: 46 Credits Cleared: 281 SPI: 7.04 CPI: 7.32

Semester 8

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|-------|--|--------|----|-----------------------------|----|
| HS441 | Industrial and Organizational Psychology | 3-0-0 | 6 | HSS Elective | BB |
| ME442 | Aerodynamics | 3-0-0 | 6 | Departmental Elective - IV | AB |
| ME446 | Composite Materials and Engineering | 3-0-0 | 6 | Departmental Elective - III | CC |
| ME499 | Project - II | 0-0-16 | 16 | CORE | BC |
| PH403 | Photovoltaics & Fuel Cell Technology | 3-0-0 | 6 | Open Elective - II | BB |

Credits Taken: 40 Credits Cleared: 361 SPI: 7.45 CPI: 7.47



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Assistant Registrar (Academic)

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