

भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna



Transcript

Roll No: 0401ME28

Programme: Bachelor of Technology

Name: Gregory Rantoul

Course: Mechanical Engineering

Year of Admission: 2004

Semester 1

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|-----------|---------------------------------------|-------|-----|-----|
| 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 | CD |
| ME111 | Engineering Drawing | 2-0-3 | 7 | BC |
| PH101 | Physics - I | 2-1-0 | 6 | CC |
| PH110 | Physics Laboratory | 0-0-3 | 3 | AB |

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

Physics - II

2-1-0

6 CD

Semester 3

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

Credits Taken: 47 Credits Cleared: 47 SPI: 7.09 CPI: 6.39

Credits Taken: 49 Credits Cleared: 49 SPI: 6.35 CPI: 6.35

Semester 4

| Sub. Code | Subject Name | L-I-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 | BB |
| MA251 | Optimization Techniques | 3-0-0 | 6 | DD |
| ME202 | Engineering Materials | 3-0-0 | 6 | CC |
| ME203 | Advanced Solid Mechanics | 2-1-0 | 6 | CC |
| ME206 | Fluid Mechanics - II | 2-1-0 | 6 | CC |
| ME210 | Workshop - II | 0-0-6 | 6 | BB |
| ME212 | Mechanical Engineering Laboratory - I | 0-0-4 | 4 | BB |

Semester 5

PH102

Semester 2

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

Credits Taken: 46 Credits Cleared: 46 SPI: 6.26 CPI: 6.4

Credits Taken: 44 Credits Cleared: 44 SPI: 5.7 CPI: 6.04

Semester 6

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|---|-------|-----|-----|
| HS331 | Sociology of Development | 3-0-0 | 6 | AB |
| ME306 | Manufacturing Technology - II | 3-1-0 | 8 | CD |
| ME307 | Machine Design | 3-0-2 | 8 | CD |
| ME308 | Dynamics of Machinery | 2-1-0 | 6 | ВС |
| ME309 | Control Systems | 3-1-0 | 8 | DD |
| 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: 5.87 CPI: 6.31

Credits Taken: 49 Credits Cleared: 49 SPI: 6.53 CPI: 6.43

Semester 7

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|--|-------|-----|-----|
| ME400 | Summer Training | 0-0-0 | 2 | BC |
| ME401 | Industrial Engineering and Operations Research | 3-1-0 | 8 | CC |
| ME411 | Mechanical Engineering Laboratory - IV | 0-0-4 | 4 | AA |
| ME441 | Computational Fluid Dynamics | 3-0-0 | 6 | CC |
| ME449 | Refrigeration and Air Conditioning | 3-0-0 | 6 | CC |
| ME498 | Project - I | 0-0-8 | 8 | AB |
| PH401 | Introduction to Nanomaterials | 3-0-0 | 6 | BB |

Credits Taken: 40 Credits Cleared: 40 SPI: 7.35 CPI: 6.44

Semester 8

| Sub. C | ode | Subject Name | L-T-P | CRD | GRD |
|--------|-----|--|--------|-----|-----|
| HS4 | 41 | Industrial and Organizational Psychology | 3-0-0 | 6 | BC |
| ME4 | 42 | Aerodynamics | 3-0-0 | 6 | CC |
| ME4 | 46 | Composite Materials and Engineering | 3-0-0 | 6 | CC |
| ME4 | 99 | Project - II | 0-0-16 | 16 | BC |
| PH4 | 03 | Photovoltaics & Fuel Cell Technology | 3-0-0 | 6 | AA |

Credits Taken: 40 Credits Cleared: 40 SPI: 7.15 CPI: 6.52

Date Generated: 04 Dec 2021, 00:14





Assitant Registrar (Academic):