

# भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



Transcript

Roll No: 0501ME20 Name: Colby Playfair Year of Admission: 2019

Programme: Bachelor of Technology Course: hh

#### semester 1

|   | Subject No | Subject Name                         | L-T-P | Credit | Grade |
|---|------------|--------------------------------------|-------|--------|-------|
|   | CH101      | Chemistry - I                        | 3-1-0 | 8      | BC    |
|   | CH110      | Chemistry Laboratory                 | 0-0-3 | 3      | AB    |
|   | EE101      | Electrical Sciences                  | 3-1-0 | 8      | BC    |
| Ī | HS101      | English: Language Through Literature | 3-0-0 | 6      | AB    |
|   | MA101      | Mathematics - I                      | 3-1-0 | 8      | CC    |
|   | ME110      | Workshop - I                         | 0-0-3 | 3      | AB    |
|   | ME111      | Engineering Drawing                  | 2-0-3 | 7      | BC    |
|   | PH101      | Physics - I                          | 2-1-0 | 6      | BC    |

Credits taken:49 Credits cleared: 49 SPI: 7.33 CPI: 7.33

## semester 2

| incster 2  |                              |       |        |       |
|------------|------------------------------|-------|--------|-------|
| Subject No | Subject Name                 | L-T-P | Credit | Grade |
| CH102      | Chemistry - II               | 3-0-0 | 6      | BB    |
| CS101      | Introduction to Computing    | 3-0-0 | 6      | BC    |
| CS110      | Computing Laboratory         | 0-0-3 | 3      | AA    |
| EE102      | Basic Electronics Laboratory | 0-0-4 | 4      | AA    |
| MA102      | Mathematics - II             | 3-1-0 | 8      | CD    |
| ME101      | Engineering Mechanics        | 3-1-0 | 8      | CC    |
| PH102      | Physics - II                 | 2-1-0 | 6      | CC    |
| PH110      | Physics Laboratory           | 0-0-3 | 3      | AB    |

Credits taken:44 Credits cleared: 44 SPI: 7.07 CPI: 7.2

#### semester 3

| Subject No | Subject Name                                    | L-T-P | Credit | Grade |
|------------|---|-------|--------|-------|
| CS201      | Object Oriented Programming and Data Structures | 3-0-3 | 9      | BC    |
| HS201      | Introductory Microeconomics                     | 3-0-0 | 6      | CC    |
| MA201      | Mathematics - III                               | 3-1-0 | 8      | CC    |
| ME201      | Solid Mechanics                                 | 2-1-0 | 6      | BC    |
| ME204      | Fluid Mechanics - I                             | 2-1-0 | 6      | BC    |
| ME205      | Thermodynamics                                  | 3-1-0 | 8      | BB    |
| ME211      | Machine Drawing                                 | 0-0-4 | 4      | AA    |

Credits taken:47 Credits cleared: 47 SPI: 7.13 CPI: 7.18

## semester 4

| Subject No | Subject Name                            | L-T-P | Credit | Grade |
|------------|---|-------|--------|-------|
| EE280      | Electrical Machines                     | 3-0-0 | 6      | CD    |
| EE281      | Electrical Machines Laboratory          | 0-0-3 | 3      | AA    |
| HS222      | Language, Human Mind and Indian Society | 3-0-0 | 6      | BB    |
| MA231      | Introduction to Numerical Methods       | 3-0-0 | 6      | BC    |
| ME202      | Engineering Materials                   | 3-0-0 | 6      | BC    |
| ME203      | Advanced Solid Mechanics                | 2-1-0 | 6      | CD    |
| ME206      | Fluid Mechanics - II                    | 2-1-0 | 6      | CC    |
| ME210      | Workshop - II                           | 0-0-6 | 6      | AA    |
| ME212      | Mechanical Engineering Laboratory - I   | 0-0-4 | 4      | AA    |

Credits taken:49 Credits cleared: 49 SPI: 7.31 CPI: 7.21

## semester 5

| Subject No | Subject Name                           | L-T-P | Credit | Grade |
|------------|--|-------|--------|-------|
| ME301      | Manufacturing Technology - I           | 3-1-0 | 8      | BB    |
| ME302      | Mechanical Measurements                | 2-1-0 | 6      | CC    |
| 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      | AA    |
| ME321      | Applied Thermodynamics - I             | 2-1-0 | 6      | CC    |

Credits taken:46 Credits cleared: 46 SPI: 6.7 CPI: 7.11

## semester 6

| Subject No | Subject Name                            | L-T-P | Credit | Grade |
|------------|---|-------|--------|-------|
| 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      | CD    |
| ME311      | Mechanical Engineering Laboratory - III | 0-0-4 | 4      | BB    |
| ME322      | Applied Thermodynamics - II             | 2-1-0 | 6      | CC    |

Credits taken:46 Credits cleared: 46 SPI: 6.74 CPI: 7.05

#### semester 7

|   | Subject No | Subject Name                                   | L-T-P | Credit | Grade |
|---|------------|--|-------|--------|-------|
|   | 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      | AA    |
|   | ME445      | Finite Element Method                          | 3-0-0 | 6      | BC    |
| Ī | ME498      | Project - I                                    | 0-0-8 | 8      | BB    |
|   | ME501      | Robotics: Advanced Concepts and Analysis       | 3-0-0 | 6      | AB    |
| Ī | PH401      | Introduction to Nanomaterials                  | 3-0-0 | 6      | BB    |

Credits taken:40 Credits cleared: 40 SPI: 8.1 CPI: 7.18

Date of issue: 2 Dec 2021,22:58.

Subject No

| Subject No | Subject Name                              | L-T-P  | Credit | Grade |
|------------|---|--------|--------|-------|
| CE442      | Industrial Waste Treatment and Management | 3-0-0  | 6      | BC    |
| HS441      | Industrial and Organizational Psychology  | 3-0-0  | 6      | BB    |
| ME442      | Aerodynamics                              | 3-0-0  | 6      | BC    |
| ME499      | Project - II                              | 0-0-16 | 16     | AB    |
| ME512      | Mobile Robotics                           | 3-0-0  | 6      | BC    |

Credits taken:40 Credits cleared: 40 SPI: 7.95 CPI: 7.27



