

# भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



Transcript

Roll No: 0401EE14 Name: Mart Probets 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      | CC    |
| HS101      | English: Language Through Literature | 3-0-0 | 6      | AB    |
| MA101      | Mathematics - I                      | 3-1-0 | 8      | CC    |
| ME111      | Engineering Drawing                  | 2-0-3 | 7      | AB    |
| PH101      | Physics - I                          | 2-1-0 | 6      | BC    |
| PH110      | Physics Laboratory                   | 0-0-3 | 3      | AA    |

Credits taken:49 Credits cleared: 49 SPI: 7.51 CPI: 7.51

### semester 2

| mester 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      | CC    |
| CS110      | Computing Laboratory         | 0-0-3 | 3      | BC    |
| EE102      | Basic Electronics Laboratory | 0-0-4 | 4      | AB    |
| MA102      | Mathematics - II             | 3-1-0 | 8      | CC    |
| ME101      | Engineering Mechanics        | 3-1-0 | 8      | BB    |
| ME110      | Workshop - I                 | 0-0-3 | 3      | AA    |
| PH102      | Physics - II                 | 2-1-0 | 6      | CC    |

Credits taken:44 Credits cleared: 44 SPI: 7.25 CPI: 7.39

#### semester 3

| Subject No | Subject Name                                    | L-T-P | Credit | Grade |
|------------|-------------------------------------------------|-------|--------|-------|
| CS201      | Object Oriented Programming and Data Structures | 3-0-3 | 9      | BB    |
| EE200      | Semiconductor Devices and Circuits              | 3-0-0 | 6      | BB    |
| EE201      | Digital Circuits and Microprocessors            | 3-0-0 | 6      | BC    |
| EE202      | Digital Circuits Laboratory                     | 0-0-3 | 3      | AA    |
| EE220      | Signal, System and Networks                     | 3-1-0 | 8      | BC    |
| HS201      | Introductory Microeconomics                     | 3-0-0 | 6      | BB    |
| MA201      | Mathematics - III                               | 3-1-0 | 8      | BC    |

Credits taken:46 Credits cleared: 46 SPI: 7.65 CPI: 7.47

#### semester 4

| Subject No | Subject Name                                       | L-T-P                                                                                                                                                                                                             | Credit                                                                                                                                                                                                                                                | Grade                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EE203      | Analog Integrated Circuits                         | 3-0-0                                                                                                                                                                                                             | 6                                                                                                                                                                                                                                                     | BB                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| EE204      | Analog Circuits Laboratory                         | 0-0-3                                                                                                                                                                                                             | 3                                                                                                                                                                                                                                                     | AB                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| EE230      | Principles of Communication                        | 3-1-0                                                                                                                                                                                                             | 8                                                                                                                                                                                                                                                     | AB                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| EE280      | Electrical Machines                                | 3-0-0                                                                                                                                                                                                             | 6                                                                                                                                                                                                                                                     | CC                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| EE281      | Electrical Machines Laboratory                     | 0-0-3                                                                                                                                                                                                             | 3                                                                                                                                                                                                                                                     | AB                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| HS202      | Introductory Macroeconomics                        | 3-0-0                                                                                                                                                                                                             | 6                                                                                                                                                                                                                                                     | BC                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MA225      | Probability Theory and Random Processes            | 3-1-0                                                                                                                                                                                                             | 8                                                                                                                                                                                                                                                     | BC                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MA251      | Optimization Techniques                            | 3-0-0                                                                                                                                                                                                             | 6                                                                                                                                                                                                                                                     | BB                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|            | EE204<br>EE230<br>EE280<br>EE281<br>HS202<br>MA225 | EE204 Analog Circuits Laboratory EE230 Principles of Communication EE280 Electrical Machines EE281 Electrical Machines Laboratory HS202 Introductory Macroeconomics MA225 Probability Theory and Random Processes | EE204 Analog Circuits Laboratory 0-0-3 EE230 Principles of Communication 3-1-0 EE280 Electrical Machines 3-0-0 EE281 Electrical Machines Laboratory 0-0-3 HS202 Introductory Macroeconomics 3-0-0 MA225 Probability Theory and Random Processes 3-1-0 | EE204         Analog Circuits Laboratory         0-0-3         3           EE230         Principles of Communication         3-1-0         8           EE280         Electrical Machines         3-0-0         6           EE281         Electrical Machines Laboratory         0-0-3         3           HS202         Introductory Macroeconomics         3-0-0         6           MA225         Probability Theory and Random Processes         3-1-0         8 |

Credits taken:46 Credits cleared: 46 SPI: 7.74 CPI: 7.54

#### semester 5

| Subject No | Subject Name                    | L-T-P | Credit | Grade |
|------------|---------------------------------|-------|--------|-------|
| EE310      | Introduction to VLSI Design     | 3-0-0 | 6      | AA    |
| EE311      | VLSI laboratory                 | 0-0-3 | 3      | AB    |
| EE320      | Digital Signal Processing       | 3-0-0 | 6      | AB    |
| EE331      | Communication Laboratory        | 0-0-3 | 3      | BB    |
| EE350      | Control Systems                 | 3-0-0 | 6      | BB    |
| EE370      | Electronic Instrumentation      | 3-0-0 | 6      | BC    |
| EE371      | Instrumentation and Control Lab | 0-0-3 | 3      | AA    |
| EE380      | Electrical Power Systems        | 3-0-0 | 6      | BB    |

Credits taken:39 Credits cleared: 39 SPI: 8.54 CPI: 7.71

#### semester 6

| Subject No | Subject Name                                   | L-T-P | Credit | Grade |
|------------|------------------------------------------------|-------|--------|-------|
| EE304      | Design Laboratory                              | 0-0-4 | 4      | AA    |
| EE321      | Digital Signal Processing Laboratory           | 0-0-3 | 3      | AB    |
| EE322      | Mathematical Methods in Electrical Engineering | 3-0-0 | 6      | BC    |
| EE340      | Electromagnetic Theory                         | 3-0-0 | 6      | AB    |
| EE351      | Advanced Control Systems                       | 3-0-0 | 6      | BC    |
| EE360      | Embedded Systems                               | 3-0-0 | 6      | AB    |
| EE361      | Embedded Systems Laboratory                    | 0-0-3 | 3      | AB    |
| HS331      | Sociology of Development                       | 3-0-0 | 6      | BB    |

Credits taken:40 Credits cleared: 40 SPI: 8.35 CPI: 7.81

#### semester 7

| Subject No | Subject Name                                   | L-T-P | Credit | Grade |
|------------|------------------------------------------------|-------|--------|-------|
| EE400      | Summer Training                                | 0-0-0 | 2      | BB    |
| EE430      | Fiber Optic Transmission Systems and Networks  | 3-0-0 | 6      | AB    |
| EE480      | Electrical Power Systems Operation and Control | 3-0-0 | 6      | CC    |
| EE481      | Power Electronics and Drives                   | 3-0-0 | 6      | BB    |
| EE482      | Advanced Electrical Engineering Laboratory     | 0-0-3 | 3      | AB    |
| EE490      | Image Processing                               | 3-0-0 | 6      | BB    |
| EE498      | Project - I                                    | 0-0-8 | 10     | AB    |
| PH402      | Solid State Devices                            | 3-0-0 | 6      | AB    |

Credits taken:45 Credits cleared: 45 SPI: 8.29 CPI: 7.88

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

## semester 8

| Subject No | Subject Name                             | L-T-P  | Credit | Grade |
|------------|------------------------------------------|--------|--------|-------|
| EE483      | Distributed Energy Resources             | 3-0-0  | 6      | AB    |
| EE491      | Visual Surveillance Systems              | 3-0-0  | 6      | BB    |
| EE499      | Project - II                             | 0-0-14 | 14     | BB    |
| HS441      | Industrial and Organizational Psychology | 3-0-0  | 6      | BB    |
| PH403      | Photovoltaics & Fuel Cell Technology     | 3-0-0  | 6      | AB    |

Credits taken:38 Credits cleared: 38 SPI: 8.32 CPI: 7.93



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Assistant Registar