# भारतीय प्रौद्योगिकी संस्थान पटना
## Indian Institute of Technology Patna
### Transcript

INTERIM TRANSCRIPT

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**Roll_Number:** 0501EE31    **Name:** Ferrell Theuff    **Year of Admission:** 2005

**Programme:** Bachelor of Technology    **Course:** Electrical and Electronics Engineering

## Semester 1

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CH101 | Chemistry - I | 3-1-0 | 8 | AB |
| CH110 | Chemistry Laboratory | 0-0-3 | 3 | AB |
| EE101 | Electrical Sciences | 3-1-0 | 8 | AB |
| HS101 | English : Language Through Literature | 3-0-0 | 6 | AB |
| MA101 | Mathematics - I | 3-1-0 | 8 | BB |
| ME110 | Workshop - I | 0-0-3 | 3 | AB |
| ME111 | Engineering Drawing | 2-0-3 | 7 | BC |
| PH101 | Physics - I | 2-1-0 | 6 | AB |

Credits Taken:49  Credits Cleared:49  SPI:8.55  CPI:8.55

## Semester 2

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CH102 | Chemistry - II | 3-0-0 | 6 | AB |
| CS101 | Introduction to Computing | 3-0-0 | 6 | BC |
| CS110 | Computing Laboratory | 0-0-3 | 3 | BB |
| EE102 | Basic Electronics Laboratory | 0-0-4 | 4 | AA |
| MA102 | Mathematics - II | 3-1-0 | 8 | AB |
| ME101 | Engineering Mechanics | 3-1-0 | 8 | BB |
| PH102 | Physics - II | 2-1-0 | 6 | BB |
| PH110 | Physics Laboratory | 0-0-3 | 3 | AA |

Credits Taken:44  Credits Cleared:44  SPI:8.5  CPI:8.5

## Semester 3

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CS201 | Object Oriented Programming and Data | 3-0-3 | 9 | AB |
| EE200 | Semiconductor Devices and Circuits | 3-0-0 | 6 | AB |
| EE201 | Digital Circuits and Microprocessors | 3-0-0 | 6 | BB |
| EE202 | Digital Circuits Laboratory | 0-0-3 | 3 | AA |
| EE220 | Signal, System and Networks | 3-1-0 | 8 | AB |
| HS201 | Introductory Microeconomics | 3-0-0 | 6 | AB |
| MA201 | Mathematics - III | 3-1-0 | 8 | BB |

Credits Taken:46  Credits Cleared:46  SPI:8.76  CPI:8.76

## Semester 4

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| 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 | BB |
| EE280 | Electrical Machines | 3-0-0 | 6 | BB |
| EE281 | Electrical Machines Laboratory | 0-0-3 | 3 | AB |
| HS202 | Introductory Macroeconomics | 3-0-0 | 6 | BB |
| MA225 | Probability Theory and Random Processes | 3-1-0 | 8 | BC |
| MA231 | Introduction to Numerical Methods | 3-0-0 | 6 | BB |

Credits Taken:46  Credits Cleared:46  SPI:7.96  CPI:7.96

## Semester 5

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| EE310 | Introduction to VLSI Design | 3-0-0 | 6 | BB |
| EE311 | VLSI laboratory | 0-0-3 | 3 | AB |
| EE320 | Digital Signal Processing | 3-0-0 | 6 | AA |
| EE331 | Communication Laboratory | 0-0-3 | 3 | AA |
| EE350 | Control Systems | 3-0-0 | 6 | AA |
| EE370 | Electronic Instrumentation | 3-0-0 | 6 | BB |
| EE371 | Instrumentation and Control Lab | 0-0-3 | 3 | AA |
| EE380 | Electrical Power Systems | 3-0-0 | 6 | BC |

Credits Taken:39  Credits Cleared:39  SPI:8.85  CPI:8.85

## Semester 6

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| EE304 | Design Laboratory | 0-0-4 | 4 | AB |
| EE321 | Digital Signal Processing Laboratory | 0-0-3 | 3 | AB |
| EE322 | Mathematical Methods in Electrical | 3-0-0 | 6 | BC |
| EE340 | Electromagnetic Theory | 3-0-0 | 6 | BB |
| EE351 | Advanced Control Systems | 3-0-0 | 6 | CC |
| 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:7.95  CPI:7.95

## Semester 7

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| EE400 | Summer Training | 0-0-0 | 2 | AB |
| EE410 | VLSI CAD | 3-0-0 | 6 | BB |
| EE430 | Fiber Optic Transmission Systems and | 3-0-0 | 6 | AA |
| EE480 | Electrical Power Systems Operation and | 3-0-0 | 6 | BB |
| EE481 | Power Electronics and Drives | 3-0-0 | 6 | BB |
| EE482 | Advanced Electrical Engineering | 0-0-3 | 3 | AA |
| EE498 | Project | 0-0-8 | 8 | AA |
| PH402 | Solid State Devices | 3-0-0 | 6 | AB |

Credits Taken:43  Credits Cleared:43  SPI:8.98  CPI:8.98

## Semester 8

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| EE483 | Distributed Energy Resources | 3-0-0 | 6 | BC |
| EE499 | Project - II | 0-0-14 | 14 | AA |
| EE508 | Intelligent Visual Surveillance Systems | 3-0-0 | 6 | BB |
| HS441 | Industrial and Organizational Psychology | 3-0-0 | 6 | BB |
| PH403 | Photovoltaics & Fuel Cell Technology | 3-0-0 | 6 | BB |

Credits Taken:38  Credits Cleared:38  SPI:8.58  CPI:8.58

Patna 801106 IIT PATNA

**Date of Generation:** 04/12/2021 18:29

**Assistant Registrar (Academic)**