

भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna Transcript



INTERIM TRANSCRIPT

0501EE21

Year of Admission: 2005

Programme: Bachelor of Technology

Course: Electrical and Electronics Engineering

Alida Bassil

Semester 1

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

Semester 2

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|---|--|---|---|
| Subject Name | L-T-P | CRD | GRD |
| Chemistry - II | 3-0-0 | 6 | вс |
| Introduction to Computing | 3-0-0 | 6 | вс |
| Computing Laboratory | 0-0-3 | 3 | ВВ |
| Basic Electronics Laboratory | 0-0-4 | 4 | AA |
| Mathematics - II | 3-1-0 | 8 | вс |
| Engineering Mechanics | 3-1-0 | 8 | AB |
| Physics - II | 2-1-0 | 6 | вс |
| Physics Laboratory | 0-0-3 | 3 | вс |
| | Subject Name Chemistry - II Introduction to Computing Computing Laboratory Basic Electronics Laboratory Mathematics - II Engineering Mechanics Physics - II | Subject Name L-T-P Chemistry - II 3-0-0 Introduction to Computing 3-0-0 Computing Laboratory 0-0-3 Basic Electronics Laboratory 0-0-4 Mathematics - II 3-1-0 Engineering Mechanics 3-1-0 Physics - II 2-1-0 | Subject Name L-T-P CRD Chemistry - II 3-0-0 6 Introduction to Computing 3-0-0 6 Computing Laboratory 0-0-3 3 Basic Electronics Laboratory 0-0-4 4 Mathematics - II 3-1-0 8 Engineering Mechanics 3-1-0 8 Physics - II 2-1-0 6 |

Semester 3

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

Semester 4

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|-----------|---|-------|-----|-----|
| Sub. Code | Subject Name | L-T-P | CRD | GRD |
| EE203 | Analog Integrated Circuits | 3-0-0 | 6 | ВВ |
| EE204 | Analog Circuits Laboratory | 0-0-3 | 3 | AA |
| EE230 | Principles of Communication | 3-1-0 | 8 | вс |
| EE280 | Electrical Machines | 3-0-0 | 6 | AA |
| EE281 | Electrical Machines Laboratory | 0-0-3 | 3 | ВВ |
| HS222 | Language, Human Mind and Indian Society | 3-0-0 | 6 | ВВ |
| MA225 | Probability Theory and Random Processes | 3-1-0 | 8 | AB |
| MA231 | Introduction to Numerical Methods | 3-0-0 | 6 | ВВ |

Credits taken: 49 Credits Cleared: 49 SPI: 7.84 CPI: 7.84

Credits taken: 44 Credits Cleared: 44 SPI: 7.7 CPI: 7.77

Credits taken: 46 Credits Cleared: 46 SPI: 7.46 CPI: 7.67

Credits taken: 46 Credits Cleared: 46 SPI: 8.39 CPI: 7.85

Semester 5

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

Semester 6

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|--|-------|-----|-----|
| EE304 | Design Laboratory | 0-0-4 | 4 | вс |
| EE321 | Digital Signal Processing Laboratory | 0-0-3 | 3 | BB |
| EE322 | Mathematical Methods in Electrical Engineering | 3-0-0 | 6 | AB |
| EE340 | Electromagnetic Theory | 3-0-0 | 6 | AB |
| EE351 | Advanced Control Systems | 3-0-0 | 6 | вс |
| EE360 | Embedded Systems | 3-0-0 | 6 | ВВ |
| EE361 | Embedded Systems Laboratory | 0-0-3 | 3 | AA |
| HS331 | Sociology of Development | 3-0-0 | 6 | AB |

Semester 7

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|--|-------|-----|-----|
| EE400 | Summer Training | 0-0-0 | 2 | AA |
| EE410 | VLSI CAD | 3-0-0 | 6 | AA |
| EE430 | Fiber Optic Transmission Systems and Networks | 3-0-0 | 6 | AA |
| EE480 | Electrical Power Systems Operation and Control | 3-0-0 | 6 | AB |
| EE481 | Power Electronics and Drives | 3-0-0 | 6 | AA |
| EE482 | Advanced Electrical Engineering Laboratory | 0-0-3 | 3 | AB |
| EE498 | Project - I | 0-0-8 | 10 | AB |
| ME481 | Introduction to Biomechanics | 3-0-0 | 6 | ВВ |

Semester 8

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|--|--------|-----|-----|
| CE502 | Infrastructure Economics | 3-0-0 | 6 | AB |
| EE483 | Distributed Energy Resources | 3-0-0 | 6 | AB |
| EE499 | Project - II | 0-0-14 | 14 | AB |
| EE508 | Intelligent Visual Surveillance Systems | 3-0-0 | 6 | AB |
| HS441 | Industrial and Organizational Psychology | 3-0-0 | 6 | AB |
| | | | | |

Credits taken: 39 Credits Cleared: 39 SPI: 7.92 CPI: 7.86

Credits taken: 40 Credits Cleared: 40 SPI: 8.35 CPI: 7.94

Credits taken: 45 Credits Cleared: 45 SPI: 9.31 CPI: 8.14

Credits taken: 38 Credits Cleared: 38 SPI: 9.0 CPI: 8.23

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Assitant Registrar (Academic)