

# भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



# INTERIM TRANSCRIPT

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Roll No: 0501EE35 Name: Berky Kimble Year of Admission: 2005

Programme: Bachelors of Technology Course: Electrical Engineering

Semester 1

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

Credits Taken: 49 Credits Cleared: 49 SPI: 9.53 CPI: 9.53

| Se | m | 29 | te | r 2 |
|----|---|----|----|-----|

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

Credits Taken: 44 Credits Cleared: 44 SPI: 9.73 CPI: 9.62

#### Semester 3

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

Credits Taken: 46 Credits Cleared: 46 SPI: 9.3 CPI: 9.52

#### Semester 4

| Sub<br>Code | Subject Name                               | L-T-P | CRD | GRD |
|-------------|--|-------|-----|-----|
| EE203       | Analog Integrated Circuits                 | 3-0-0 | 6   | AB  |
| EE204       | Analog Circuits Laboratory                 | 0-0-3 | 3   | AB  |
| EE230       | Principles of Communication                | 3-1-0 | 8   | AA  |
| EE280       | Electrical Machines                        | 3-0-0 | 6   | ВВ  |
| EE281       | Electrical Machines Laboratory             | 0-0-3 | 3   | AA  |
| HS202       | Introductory Macroeconomics                | 3-0-0 | 6   | ВВ  |
| MA225       | Probability Theory and Random<br>Processes | 3-1-0 | 8   | AA  |
| MA251       | Optimization Techniques                    | 3-0-0 | 6   | AB  |

Credits Taken: 46 Credits Cleared: 46 SPI: 9.15 CPI: 9.43

#### Semester 5

| Sub<br>Code | Subject Name                    | L-T-P | CRD | GRD |
|-------------|---------------------------------|-------|-----|-----|
| 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   | AA  |
| EE331       | Communication Laboratory        | 0-0-3 | 3   | AB  |
| EE350       | Control Systems                 | 3-0-0 | 6   | AB  |
| EE370       | Electronic Instrumentation      | 3-0-0 | 6   | AA  |
| EE371       | Instrumentation and Control Lab | 0-0-3 | 3   | AA  |
| EE380       | Electrical Power Systems        | 3-0-0 | 6   | AB  |

Credits Taken: 39 Credits Cleared: 39 SPI: 9.54 CPI: 9.45

#### Semester 6

| Sub<br>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   | BB  |
| EE322       | Mathematical Methods in Electrical<br>Engineering | 3-0-0 | 6   | BB  |
| EE340       | Electromagnetic Theory                            | 3-0-0 | 6   | ВВ  |
| EE351       | Advanced Control Systems                          | 3-0-0 | 6   | вс  |
| EE360       | Embedded Systems                                  | 3-0-0 | 6   | AB  |
| EE361       | Embedded Systems Laboratory                       | 0-0-3 | 3   | AB  |
| HS311       | Diasporic Literature                              | 3-0-0 | 6   | вс  |

Credits Taken: 40 Credits Cleared: 40 SPI: 8.03 CPI: 9.23

# Semester 7

| Sub<br>Code | Subject Name                                   | L-T-P | CRD | GRD |
|-------------|--|-------|-----|-----|
| EE400       | Summer Training                                | 0-0-0 | 2   | AB  |
| EE410       | VLSI CAD                                       | 3-0-0 | 6   | AB  |
| EE480       | Electrical Power Systems Operation and Control | 3-0-0 | 6   | ВС  |
| EE481       | Power Electronics and Drives                   | 3-0-0 | 6   | СС  |
| EE482       | Advanced Electrical Engineering<br>Laboratory  | 0-0-3 | 3   | ВВ  |
| EE490       | Image Processing                               | 3-0-0 | 6   | AB  |
| EE498       | Project - I                                    | 0-0-8 | 10  | AB  |
| MA410       | Graphs, Groups and Network                     | 3-0-0 | 6   | AB  |

Credits Taken: 45 Credits Cleared: 45 SPI: 8.27 CPI: 9.09

### Semester 8

| Sub<br>Code | Subject Name                                 | L-T-P  | CRD | GRD |
|-------------|--|--------|-----|-----|
| CE442       | Industrial Waste Treatment and<br>Management | 3-0-0  | 6   | AA  |
| EE483       | Distributed Energy Resources                 | 3-0-0  | 6   | BB  |
| EE499       | Project - II                                 | 0-0-14 | 14  | AA  |
| EE508       | Intelligent Visual Surveillance<br>Systems   | 3-0-0  | 6   | AB  |
| HS441       | Industrial and Organizational<br>Psychology  | 3-0-0  | 6   | AB  |

Credits Taken: 38 Credits Cleared: 38 SPI: 9.37 CPI: 9.12

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Assistant Registrar (Academic)



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