



INTERIM TRANSCRIPT

# भारतीय प्रौद्योगिकी संस्थान पटना

## Indian Institute of Technology Patna

### Transcript



INTERIM TRANSCRIPT

Roll number : 0401EE02

Name : Vanessa Barkworth

Year of admission : 2004

Programme : Bachelor of Technology Course : Electrical Engineering

#### Semester1

| Subject code | Subject Name                          | L-T-P | Credit | Grade |
|--------------|---------------------------------------|-------|--------|-------|
| CH101        | Chemistry - I                         | 3-1-0 | 8      | CD    |
| CH110        | Chemistry Laboratory                  | 0-0-3 | 3      | BC    |
| EE101        | Electrical Sciences                   | 3-1-0 | 8      | CD    |
| HS101        | English : Language Through Literature | 3-0-0 | 6      | CD    |
| MA101        | Mathematics - I                       | 3-1-0 | 8      | DD    |
| ME111        | Engineering Drawing                   | 2-0-3 | 7      | CC    |
| PH101        | Physics - I                           | 2-1-0 | 6      | DD    |
| PH110        | Physics Laboratory                    | 0-0-3 | 3      | AB    |

CPI : SPI: CREDITS TAKEN : CREDITS CLEARED:

#### Semester2

| Subject code | Subject Name                 | L-T-P | Credit | Grade |
|--------------|------------------------------|-------|--------|-------|
| CH102        | Chemistry - II               | 3-1-0 | 8      | CD    |
| CS101        | Introduction to Computing    | 0-0-3 | 3      | BC    |
| CS110        | Computing Laboratory         | 3-1-0 | 8      | CD    |
| EE102        | Basic Electronics Laboratory | 3-0-0 | 6      | CD    |
| MA102        | Mathematics - II             | 3-1-0 | 8      | DD    |
| ME101        | Engineering Mechanics        | 2-0-3 | 7      | CC    |
| ME110        | Workshop - I                 | 2-1-0 | 6      | DD    |
| PH102        | Physics - II                 | 0-0-3 | 3      | AB    |

CPI : SPI: CREDITS TAKEN : CREDITS CLEARED:

#### Semester3

| Subject code | Subject Name                                    | L-T-P | Credit | Grade |
|--------------|---|-------|--------|-------|
| CS201        | Object Oriented Programming and Data Structures | 3-0-3 | 9      | CC    |
| EE200        | Semiconductor Devices and Circuits              | 3-0-0 | 6      | BB    |
| EE201        | Digital Circuits and Microprocessors            | 3-0-0 | 6      | CD    |
| EE202        | Digital Circuits Laboratory                     | 0-0-3 | 3      | CC    |
| EE220        | Signal, System and Networks                     | 3-1-0 | 8      | DD    |
| HS201        | Introductory Microeconomics                     | 3-0-0 | 6      | CD    |
| MA201        | Mathematics - III                               | 3-1-0 | 8      | CD    |

CPI : SPI: CREDITS TAKEN : CREDITS CLEARED:

#### Semester4

| Subject code | Subject Name                            | L-T-P | Credit | Grade |
|--------------|---|-------|--------|-------|
| EE203        | Analog Integrated Circuits              | 3-0-0 | 6      | BC    |
| EE204        | Analog Circuits Laboratory              | 0-0-3 | 3      | BC    |
| EE230        | Principles of Communication             | 3-1-0 | 8      | BB    |
| EE280        | Electrical Machines                     | 3-0-0 | 6      | DD    |
| EE281        | Electrical Machines Laboratory          | 0-0-3 | 3      | BC    |
| HS202        | Introductory Macroeconomics             | 3-0-0 | 6      | CD    |
| MA225        | Probability Theory and Random Processes | 3-1-0 | 8      | CD    |
| MA251        | Optimization Techniques                 | 3-0-0 | 6      | DD    |

CPI : SPI: CREDITS TAKEN : CREDITS CLEARED:

#### Semester5

| Subject code | Subject Name                    | L-T-P | Credit | Grade |
|--------------|---------------------------------|-------|--------|-------|
| EE310        | Introduction to VLSI Design     | 3-0-0 | 6      | CC    |
| EE311        | VLSI laboratory                 | 0-0-3 | 3      | CC    |
| EE320        | Digital Signal Processing       | 3-0-0 | 6      | CD    |
| EE331        | Communication Laboratory        | 0-0-3 | 3      | BC    |
| EE350        | Control Systems                 | 3-0-0 | 6      | CD    |
| EE370        | Electronic Instrumentation      | 3-0-0 | 6      | CC    |
| EE371        | Instrumentation and Control Lab | 0-0-3 | 3      | BC    |
| EE380        | Electrical Power Systems        | 3-0-0 | 6      | DD    |

CPI : SPI: CREDITS TAKEN : CREDITS CLEARED:

#### Semester6

| Subject code | Subject Name                                   | L-T-P | Credit | Grade |
|--------------|--|-------|--------|-------|
| EE304        | Design Laboratory                              | 0-0-4 | 4      | BC    |
| EE321        | Digital Signal Processing Laboratory           | 0-0-3 | 3      | BB    |
| EE322        | Mathematical Methods in Electrical Engineering | 3-0-0 | 6      | DD    |
| EE340        | Electromagnetic Theory                         | 3-0-0 | 6      | DD    |
| EE351        | Advanced Control Systems                       | 3-0-0 | 6      | DD    |
| EE360        | Embedded Systems                               | 3-0-0 | 6      | CD    |
| EE361        | Embedded Systems Laboratory                    | 0-0-3 | 3      | CC    |
| HS331        | Sociology of Development                       | 3-0-0 | 6      | CD    |

CPI : SPI: CREDITS TAKEN : CREDITS CLEARED:

#### Semester7

| Subject code | 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      | BC    |
| EE480        | Electrical Power Systems Operation and Control | 3-0-0 | 6      | CD    |
| EE481        | Power Electronics and Drives                   | 3-0-0 | 6      | DD    |
| EE482        | Advanced Electrical Engineering Laboratory     | 0-0-3 | 3      | CD    |
| EE490        | Image Processing                               | 3-0-0 | 6      | BC    |
| EE498        | Project - I                                    | 0-0-8 | 8      | BC    |
| PH402        | Solid State Devices                            | 3-0-0 | 6      | CC    |

CPI : SPI: CREDITS TAKEN : CREDITS CLEARED:

#### Semester8

| Subject code | Subject Name                             | L-T-P  | Credit | Grade |
|--------------|--|--------|--------|-------|
| EE483        | Distributed Energy Resources             | 3-0-0  | 6      | CC    |
| EE491        | Visual Surveillance Systems              | 3-0-0  | 6      | BC    |
| EE499        | Project - II                             | 0-0-14 | 14     | CC    |
| HS441        | Industrial and Organizational Psychology | 3-0-0  | 6      | CD    |
| PH403        | Photovoltaics & Fuel Cell Technology     | 3-0-0  | 6      | BB    |

CPI : SPI: CREDITS TAKEN : CREDITS CLEARED:

#### Semester9

#### Semester10

Date and Time : December 12,2021 14:33:38



Assistant Registrar (Academic)