



INTERIM TRANSCRIPT

# भारतीय प्रौद्योगिकी संस्थान पटना

## Indian Institute of Technology Patna

### Transcript



INTERIM TRANSCRIPT

Roll No: 0501EE18

Name: Liuka Galbraeth

Year of Admission: 2005

Programme: Bachelor of Technology

Course: Electrical Engineering

**Semester 1**

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

Credits Taken: 49 Credits Cleared: 49 SPI: 8.12 CPI: 8.12

**Semester 2**

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

Credits Taken: 44 Credits Cleared: 44 SPI: 8.41 CPI: 8.26

**Semester 3**

| Sub. Code | Subject Name                                    | L-T-P | CRD | GRD |
|-----------|---|-------|-----|-----|
| 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   | BB  |
| EE202     | Digital Circuits Laboratory                     | 0-0-3 | 3   | AB  |
| EE220     | Signal, System and Networks                     | 3-1-0 | 8   | BB  |
| HS201     | Introductory Microeconomics                     | 3-0-0 | 6   | BC  |
| MA201     | Mathematics - III                               | 3-1-0 | 8   | AB  |

Credits Taken: 46 Credits Cleared: 46 SPI: 8.11 CPI: 8.21

**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   | BC  |
| EE281     | Electrical Machines Laboratory          | 0-0-3 | 3   | BB  |
| HS202     | Introductory Macroeconomics             | 3-0-0 | 6   | BB  |
| MA225     | Probability Theory and Random Processes | 3-1-0 | 8   | BB  |
| MA251     | Optimization Techniques                 | 3-0-0 | 6   | BC  |

Credits Taken: 46 Credits Cleared: 46 SPI: 7.8 CPI: 8.11

**Semester 5**

| Sub. Code | Subject Name                    | L-T-P | CRD | GRD |
|-----------|---------------------------------|-------|-----|-----|
| EE310     | Introduction to VLSI Design     | 3-0-0 | 6   | BC  |
| EE311     | VLSI laboratory                 | 0-0-3 | 3   | AB  |
| EE320     | Digital Signal Processing       | 3-0-0 | 6   | BB  |
| EE331     | Communication Laboratory        | 0-0-3 | 3   | AB  |
| EE350     | Control Systems                 | 3-0-0 | 6   | AB  |
| 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: 8.15 CPI: 8.12

**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   | BB  |
| EE322     | Mathematical Methods in Electrical Engineering | 3-0-0 | 6   | BB  |
| EE340     | Electromagnetic Theory                         | 3-0-0 | 6   | CC  |
| EE351     | Advanced Control Systems                       | 3-0-0 | 6   | DD  |
| EE360     | Embedded Systems                               | 3-0-0 | 6   | BC  |
| 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: 7.12 CPI: 7.97

**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   | 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  |
| EE498     | Project - I                                    | 0-0-8 | 10  | AA  |
| PH402     | Solid State Devices                            | 3-0-0 | 6   | AA  |

Credits Taken: 45 Credits Cleared: 45 SPI: 8.73 CPI: 8.08

**Semester 8**

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

Credits Taken: 38 Credits Cleared: 38 SPI: 9.21 CPI: 8.2

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Assitant Registrar (Academic):