



INTERIM TRANSCRIPT

# भारतीय प्रौद्योगिकी संस्थान पटना

## INDIAN INSTITUTE OF TECHNOLOGY PATNA



INTERIM TRANSCRIPT

|                   |                                |                         |
|-------------------|--------------------------------|-------------------------|
| Roll No: 0401EE13 | Name:Eamon Grange              | Year of Admission: 2004 |
| Programme: Btech  | Course: Electrical Engineering |                         |

Semester 1

| Sub Code | Subject Name                          | L-T-P    | CRD | GRD |
|----------|---------------------------------------|----------|-----|-----|
| CH101    | Chemistry - I                         | 3/1/2000 | 8   | CC  |
| CH110    | Chemistry Laboratory                  | 0-0-3    | 3   | BC  |
| EE101    | Electrical Sciences                   | 3/1/2000 | 8   | CC  |
| HS101    | English : Language Through Literature | 3-0-0    | 6   | BB  |
| MA101    | Mathematics - I                       | 3/1/2000 | 8   | BC  |
| ME111    | Engineering Drawing                   | 2-0-3    | 7   | BB  |
| PH101    | Physics - I                           | 2/1/2000 | 6   | CD  |
| PH110    | Physics Laboratory                    | 0-0-3    | 3   | AB  |

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|-------------------|---------------------|-----------|----------|
| Credits taken: 49 | Credits cleared: 49 | SPI: 6.82 | CPI:6.82 |
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Semester 2

| Sub Code | Subject Name                 | L-T-P    | CRD | GRD |
|----------|------------------------------|----------|-----|-----|
| CH102    | Chemistry - II               | 3-0-0    | 6   | CD  |
| CS101    | Introduction to Computing    | 3-0-0    | 6   | CD  |
| CS110    | Computing Laboratory         | 0-0-3    | 3   | BC  |
| EE102    | Basic Electronics Laboratory | 0-0-4    | 4   | BC  |
| MA102    | Mathematics - II             | 3/1/2000 | 8   | BC  |
| ME101    | Engineering Mechanics        | 3/1/2000 | 8   | CC  |
| ME110    | Workshop - I                 | 0-0-3    | 3   | BB  |
| PH102    | Physics - II                 | 2/1/2000 | 6   | CD  |

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|-------------------|---------------------|-----------|----------|
| Credits taken: 44 | Credits cleared: 44 | SPI: 6.07 | CPI:6.44 |
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Semester 3

| Sub Code | Subject Name                                    | L-T-P    | CRD | GRD |
|----------|-------------------------------------------------|----------|-----|-----|
| 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   | CC  |
| EE202    | Digital Circuits Laboratory                     | 0-0-3    | 3   | BC  |
| EE220    | Signal, System and Networks                     | 3/1/2000 | 8   | BC  |
| HS201    | Introductory Microeconomics                     | 3-0-0    | 6   | CC  |
| MA201    | Mathematics - III                               | 3/1/2000 | 8   | BC  |

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|-------------------|---------------------|-----------|----------|
| Credits taken: 46 | Credits cleared: 46 | SPI: 6.67 | CPI:6.52 |
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Semester 4

| Sub 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   | BB  |
| EE230    | Principles of Communication             | 3/1/2000 | 8   | BB  |
| EE280    | Electrical Machines                     | 3-0-0    | 6   | CD  |
| EE281    | Electrical Machines Laboratory          | 0-0-3    | 3   | BC  |
| HS211    | Literature: Voices and Culture          | 3-0-0    | 6   | BC  |
| MA225    | Probability Theory and Random Processes | 3/1/2000 | 8   | BC  |
| MA251    | Optimization Techniques                 | 3-0-0    | 6   | BC  |

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|-------------------|---------------------|-----------|---------|
| Credits taken: 46 | Credits cleared: 46 | SPI: 7.24 | CPI:6.7 |
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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   | BC  |
| EE320    | Digital Signal Processing       | 3-0-0 | 6   | BB  |
| EE331    | Communication Laboratory        | 0-0-3 | 3   | BB  |
| EE350    | Control Systems                 | 3-0-0 | 6   | CC  |
| EE370    | Electronic Instrumentation      | 3-0-0 | 6   | BC  |
| EE371    | Instrumentation and Control Lab | 0-0-3 | 3   | AB  |
| EE380    | Electrical Power Systems        | 3-0-0 | 6   | BC  |

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|-------------------|---------------------|-----------|----------|
| Credits taken: 39 | Credits cleared: 39 | SPI: 7.23 | CPI:6.81 |
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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 Engineering | 3-0-0 | 6   | BC  |
| EE340    | Electromagnetic Theory                         | 3-0-0 | 6   | BB  |
| EE351    | Advanced Control Systems                       | 3-0-0 | 6   | BC  |
| EE360    | Embedded Systems                               | 3-0-0 | 6   | BC  |
| EE361    | Embedded Systems Laboratory                    | 0-0-3 | 3   | BC  |
| HS331    | Sociology of Development                       | 3-0-0 | 6   | BC  |

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|-------------------|---------------------|----------|----------|
| Credits taken: 40 | Credits cleared: 40 | SPI: 7.5 | CPI:6.92 |
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Semester 7

| Sub Code | Subject Name                                   | L-T-P | CRD | GRD |
|----------|------------------------------------------------|-------|-----|-----|
| EE400    | Summer Training                                | 0-0-0 | 2   | BC  |
| EE430    | Fiber Optic Transmission Systems and Networks  | 3-0-0 | 6   | BB  |
| EE480    | Electrical Power Systems Operation and Control | 3-0-0 | 6   | BC  |
| EE481    | Power Electronics and Drives                   | 3-0-0 | 6   | CC  |
| EE482    | Advanced Electrical Engineering Laboratory     | 0-0-3 | 3   | BC  |
| EE490    | Image Processing                               | 3-0-0 | 6   | BB  |
| EE498    | Project - I                                    | 0-0-8 | 8   | BB  |
| PH402    | Solid State Devices                            | 3-0-0 | 6   | AB  |

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|-------------------|---------------------|----------|----------|
| Credits taken: 43 | Credits cleared: 43 | SPI: 7.6 | CPI:7.02 |
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Semester 8

| Sub Code | Subject Name                             | L-T-P  | CRD | GRD |
|----------|------------------------------------------|--------|-----|-----|
| EE483    | Distributed Energy Resources             | 3-0-0  | 6   | BC  |
| EE491    | Visual Surveillance Systems              | 3-0-0  | 6   | BC  |
| EE499    | Project - II                             | 0-0-14 | 14  | AB  |
| HS441    | Industrial and Organizational Psychology | 3-0-0  | 6   | BB  |
| PH403    | Photovoltaics & Fuel Cell Technology     | 3-0-0  | 6   | BB  |

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|-------------------|---------------------|-----------|----------|
| Credits taken: 38 | Credits cleared: 38 | SPI: 8.05 | CPI:7.15 |
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Date of Issue \_\_\_\_\_

Assistant Registrar(Academic)