



# भारतीय प्रौद्योगिकी संस्थान पटना

## Indian Institute of Technology Patna

### Transcript



roll no : 0501EE08  
programme : Bachelor of Technology

Name: Ague Lombard  
Discipline:EE

Year of admission :2005

#### semester1

| Subject No. | Subject Name                          | L-T-P | Credit | Grade |
|-------------|---------------------------------------|-------|--------|-------|
| 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      | BB    |
| MA101       | Mathematics - I                       | 3-1-0 | 8      | CC    |
| ME110       | Workshop - I                          | 0-0-3 | 3      | BB    |
| ME111       | Engineering Drawing                   | 2-0-3 | 7      | BC    |
| PH101       | Physics - I                           | 2-1-0 | 6      | BC    |

credits\_taken :49 spi :7.47 cpi :7.47 creidts\_cleared :49

#### semester2

| Subject No. | Subject Name                 | L-T-P | Credit | Grade |
|-------------|------------------------------|-------|--------|-------|
| CH102       | Chemistry - II               | 3-0-0 | 6      | BB    |
| CS101       | Introduction to Computing    | 3-0-0 | 6      | BB    |
| CS110       | Computing Laboratory         | 0-0-3 | 3      | BB    |
| EE102       | Basic Electronics Laboratory | 0-0-4 | 4      | AB    |
| MA102       | Mathematics - II             | 3-1-0 | 8      | BB    |
| ME101       | Engineering Mechanics        | 3-1-0 | 8      | BB    |
| PH102       | Physics - II                 | 2-1-0 | 6      | AB    |
| PH110       | Physics Laboratory           | 0-0-3 | 3      | BB    |

credits\_taken :44 spi :8.23 cpi :7.83 creidts\_cleared :44

#### semester3

| Subject No. | Subject Name                                    | L-T-P | Credit | Grade |
|-------------|---|-------|--------|-------|
| CS201       | Object Oriented Programming and Data Structures | 3-0-3 | 9      | BB    |
| EE200       | Semiconductor Devices and Circuits              | 3-0-0 | 6      | BC    |
| EE201       | Digital Circuits and Microprocessors            | 3-0-0 | 6      | BB    |
| EE202       | Digital Circuits Laboratory                     | 0-0-3 | 3      | BB    |
| EE220       | Signal, System and Networks                     | 3-1-0 | 8      | BB    |
| HS201       | Introductory Microeconomics                     | 3-0-0 | 6      | BB    |
| MA201       | Mathematics - III                               | 3-1-0 | 8      | BC    |

credits\_taken :46 spi :7.7 cpi :7.78 creidts\_cleared :46

#### semester4

| Subject No. | Subject Name                            | L-T-P | Credit | Grade |
|-------------|---|-------|--------|-------|
| EE203       | Analog Integrated Circuits              | 3-0-0 | 6      | BC    |
| EE204       | Analog Circuits Laboratory              | 0-0-3 | 3      | AB    |
| EE230       | Principles of Communication             | 3-1-0 | 8      | AB    |
| EE280       | Electrical Machines                     | 3-0-0 | 6      | CC    |
| EE281       | Electrical Machines Laboratory          | 0-0-3 | 3      | BB    |
| HS202       | Introductory Macroeconomics             | 3-0-0 | 6      | AB    |
| MA225       | Probability Theory and Random Processes | 3-1-0 | 8      | BC    |
| MA251       | Optimization Techniques                 | 3-0-0 | 6      | CC    |

credits\_taken :46 spi :7.54 cpi :7.72 creidts\_cleared :46

#### semester5

| Subject No. | Subject Name                    | L-T-P | Credit | Grade |
|-------------|---------------------------------|-------|--------|-------|
| EE310       | Introduction to VLSI Design     | 3-0-0 | 6      | AB    |
| EE311       | VLSI laboratory                 | 0-0-3 | 3      | AA    |
| EE320       | Digital Signal Processing       | 3-0-0 | 6      | BB    |
| EE331       | Communication Laboratory        | 0-0-3 | 3      | AB    |
| EE350       | Control Systems                 | 3-0-0 | 6      | BC    |
| EE370       | Electronic Instrumentation      | 3-0-0 | 6      | BB    |
| EE371       | Instrumentation and Control Lab | 0-0-3 | 3      | BB    |
| EE380       | Electrical Power Systems        | 3-0-0 | 6      | BC    |

credits\_taken :39 spi :8.08 cpi :7.79 creidts\_cleared :39

#### semester6

| Subject No. | Subject Name                                   | L-T-P | Credit | Grade |
|-------------|--|-------|--------|-------|
| 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      | CC    |
| EE340       | Electromagnetic Theory                         | 3-0-0 | 6      | CC    |
| EE351       | Advanced Control Systems                       | 3-0-0 | 6      | CD    |
| EE360       | Embedded Systems                               | 3-0-0 | 6      | BB    |
| EE361       | Embedded Systems Laboratory                    | 0-0-3 | 3      | BB    |
| HS311       | Diasporic Literature                           | 3-0-0 | 6      | BB    |

credits\_taken :40 spi :7.12 cpi :7.69 creidts\_cleared :40

#### semester7

| Subject No. | Subject Name                                   | L-T-P | Credit | Grade |
|-------------|--|-------|--------|-------|
| EE400       | Summer Training                                | 0-0-0 | 2      | AB    |
| EE410       | VLSI CAD                                       | 3-0-0 | 6      | AB    |
| EE430       | Fiber Optic Transmission Systems and Networks  | 3-0-0 | 6      | AB    |
| EE480       | Electrical Power Systems Operation and Control | 3-0-0 | 6      | BC    |
| EE481       | Power Electronics and Drives                   | 3-0-0 | 6      | BB    |
| EE482       | Advanced Electrical Engineering Laboratory     | 0-0-3 | 3      | BB    |
| EE498       | Project - I                                    | 0-0-8 | 10     | AB    |
| PH402       | Solid State Devices                            | 3-0-0 | 6      | AB    |

credits\_taken :45 spi :8.53 cpi :7.81 creidts\_cleared :45

#### semester8

| Subject No. | Subject Name                             | L-T-P  | Credit | Grade |
|-------------|--|--------|--------|-------|
| EE483       | Distributed Energy Resources             | 3-0-0  | 6      | BB    |
| EE499       | Project - II                             | 0-0-14 | 14     | AB    |
| EE508       | Intelligent Visual Surveillance Systems  | 3-0-0  | 6      | BB    |
| HS441       | Industrial and Organizational Psychology | 3-0-0  | 6      | BB    |
| PH403       | Photovoltaics & Fuel Cell Technology     | 3-0-0  | 6      | BB    |

credits\_taken :38 spi :8.37 cpi :7.87 creidts\_cleared :38

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Assistant Registrar(Academic)