



# भारतीय प्रौद्योगिकी संस्थान पटना

## Indian Institute of Technology Patna

### Transcript



**Roll Number:** 0401CS11

**Name:** Boycie Gillow

**Year of Admission:** 2004

**Programme:** Bachelor of Technology

**Course:** Computer Science and Engineering

#### Semester 1

| Sub. 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   | BC  |
| HS101     | English : Language Through Literature | 3-0-0 | 6   | AB  |
| MA101     | Mathematics - I                       | 3-1-0 | 8   | BB  |
| ME111     | Engineering Drawing                   | 2-0-3 | 7   | AB  |
| PH101     | Physics - I                           | 2-1-0 | 6   | BC  |
| PH110     | Physics Laboratory                    | 0-0-3 | 3   | AA  |

Credits Taken: 49 Credits Cleared: 49 SPI: 8.55 CPI: 8.55

#### 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   | CC  |
| CS110     | Computing Laboratory         | 0-0-3 | 3   | BB  |
| EE102     | Basic Electronics Laboratory | 0-0-4 | 4   | BB  |
| MA102     | Mathematics - II             | 3-1-0 | 8   | BB  |
| ME101     | Engineering Mechanics        | 3-1-0 | 8   | BB  |
| ME110     | Workshop - I                 | 0-0-3 | 3   | AA  |
| PH102     | Physics - II                 | 2-1-0 | 6   | CC  |

Credits Taken: 44 Credits Cleared: 44 SPI: 7.59 CPI: 8.1

#### Semester 3

| Sub. Code | Subject Name                                    | L-T-P | CRD | GRD |
|-----------|---|-------|-----|-----|
| CS201     | Object Oriented Programming and Data Structures | 3-0-3 | 9   | AB  |
| CS203     | Discrete Mathematics                            | 3-0-0 | 6   | BB  |
| CS221     | Digital Design                                  | 3-0-0 | 6   | 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   | BB  |

Credits Taken: 43 Credits Cleared: 43 SPI: 8.21 CPI: 8.13

#### Semester 4

| Sub. Code | Subject Name                            | L-T-P | CRD | GRD |
|-----------|---|-------|-----|-----|
| CS204     | Algorithms                              | 3-0-0 | 6   | BC  |
| CS222     | Computer Organization and Architecture  | 3-0-0 | 6   | BC  |
| CS223     | Hardware Laboratory                     | 0-0-3 | 3   | AB  |
| CS241     | Software Engineering                    | 2-0-3 | 7   | BB  |
| CS242     | Systems Programming Laboratory          | 0-1-3 | 5   | AB  |
| HS211     | Literature: Voices and Culture          | 3-0-0 | 6   | AB  |
| MA225     | Probability Theory and Random Processes | 3-1-0 | 8   | BB  |
| MA251     | Optimization Techniques                 | 3-0-0 | 6   | BC  |

Credits Taken: 47 Credits Cleared: 47 SPI: 7.91 CPI: 8.07

#### Semester 5

| Sub. Code | Subject Name                 | L-T-P | CRD | GRD |
|-----------|------------------------------|-------|-----|-----|
| CS301     | Formal Language and Automata | 3-0-0 | 6   | BB  |
| CS331     | Programming Language         | 3-0-2 | 8   | BB  |
| CS341     | Operating Systems            | 3-0-0 | 6   | AB  |
| CS342     | Operating Systems Laboratory | 0-1-3 | 5   | AB  |
| CS343     | Data Communications          | 3-0-0 | 6   | BB  |
| CS344     | Databases                    | 3-0-0 | 6   | BB  |
| CS345     | Databases Laboratory         | 0-1-3 | 5   | AB  |

Credits Taken: 42 Credits Cleared: 42 SPI: 8.38 CPI: 8.13

#### Semester 6

| Sub. Code | Subject Name             | L-T-P | CRD | GRD |
|-----------|--------------------------|-------|-----|-----|
| CS302     | Theory of Computation    | 3-0-0 | 6   | AB  |
| CS346     | Compilers                | 3-0-0 | 6   | BB  |
| CS347     | Compilers Laboratory     | 0-0-3 | 3   | AB  |
| CS348     | Computer Networks        | 3-0-2 | 8   | AB  |
| CS362     | Computer Graphics        | 3-0-2 | 8   | BB  |
| CS399     | Seminar                  | 0-0-3 | 3   | AB  |
| HS331     | Sociology of Development | 3-0-0 | 6   | AB  |

Credits Taken: 40 Credits Cleared: 40 SPI: 8.65 CPI: 8.21

#### Semester 7

| Sub. Code | Subject Name                         | L-T-P | CRD | GRD |
|-----------|--------------------------------------|-------|-----|-----|
| CS400     | Summer Training                      | 0-0-0 | 2   | AA  |
| CS421     | Computer Peripherals and Interfacing | 3-0-0 | 6   | BB  |
| CS422     | Peripherals and Interfacing Lab      | 0-1-3 | 5   | BB  |
| CS443     | Distributed Systems                  | 3-0-0 | 6   | AB  |
| CS461     | Artificial Intelligence              | 3-0-0 | 6   | AB  |
| CS498     | Project - I                          | 0-0-1 | 10  | AA  |
| PH401     | Introduction to Nanomaterials        | 3-0-0 | 6   | AA  |

Credits Taken: 41 Credits Cleared: 41 SPI: 9.17 CPI: 8.34

#### Semester 8

| Sub. Code | Subject Name                             | L-T-P | CRD | GRD |
|-----------|--|-------|-----|-----|
| CS452     | Internet Protocols                       | 3-0-0 | 6   | AA  |
| CS453     | Wireless Sensor Networks                 | 3-0-0 | 6   | AA  |
| CS499     | Project - II                             | 0-0-1 | 16  | AA  |
| HS441     | Industrial and Organizational Psychology | 3-0-0 | 6   | AB  |
| PH403     | Photovoltaics & Fuel Cell Technology     | 3-0-0 | 6   | AB  |

Credits Taken: 40 Credits Cleared: 40 SPI: 9.7 CPI: 8.5



Assistant Registrar (Academic)