

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna



Transcript

Roll No: 0501CS11 Name: Ceciley fossord Year of Admission: 2005

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**Programme:** Bachelor of Technology **Course:**Computer and Engineering

#### Semester 1

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

Credits Taken: 49.0 Credits Cleared: 49.0 SPI: 5.78 CPI: 5.78

| 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   | ВС  |
| CS110      | Computing Laboratory         | 0-0-3 | 3   | CC  |
| EE102      | Basic Electronics Laboratory | 0-0-4 | 4   | CD  |
| MA102      | Mathematics - II             | 3-1-0 | 8   | CD  |
| ME101      | Engineering Mechanics        | 3-1-0 | 8   | CD  |
| PH102      | Physics - II                 | 2-1-0 | 6   | ממ  |

Credits Taken: 44.0 Credits Cleared: 44.0 SPI: 5.27 CPI: 5.54

Physics Laboratory

PH110

HS331

### Semester 3

| Sub. Code | Subject Name                                  | L-T-P   | CRD | GRD |
|-----------|---|---------|-----|-----|
| CS201 C   | oject Oriented Programming and Data Structure | s 3-0-3 | 9   | DD  |
| CS203     | Discrete Mathematics                          | 3-0-0   | 6   | BB  |
| CS221     | Digital Design                                | 3-0-0   | 6   | CD  |
| EE220     | Signal, System and Networks                   | 3-1-0   | 8   | CC  |
| HS231     | Introductory Sociology                        | 3-0-0   | 6   | ВС  |
| MA201     | Mathematics - III                             | 3-1-0   | 8   | CD  |
|           | -   |         |     |     |

Credits Taken: 43.0 Credits Cleared: 43.0 SPI: 5.67 CPI: 5.58

## Semester 4

| Sub. Code | Subject Name                            | L-T-P | CRD | GRD |
|-----------|---|-------|-----|-----|
| CS204     | Algorithms                              | 3-0-0 | 6   | CD  |
| CS222     | Computer Organization and Architecture  | 3-0-0 | 6   | DD  |
| CS223     | Hardware Laboratory                     | 0-0-3 | 3   | AB  |
| CS241     | Software Engineering                    | 2-0-3 | 7   | СС  |
| CS242     | Systems Programming Laboratory          | 0-1-3 | 5   | ВС  |
| HS222     | Language, Human Mind and Indian Society | 3-0-0 | 6   | СС  |
| MA214     | Introduction to Computational Topology  | 3-0-0 | 6   | СС  |
| MA225     | Probability Theory and Random Processes | 3-1-0 | 8   | СС  |

Credits Taken: 47.0 Credits Cleared: 47.0 SPI: 5.91 CPI: 5.67

#### Semester 5

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

Credits Taken: 42.0 Credits Cleared: 42.0 SPI: 6.26 CPI: 5.78

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

Credits Taken: 40.0 Credits Cleared: 40.0 SPI: 6.67 CPI: 5.91

Sociology of Development

| Semester 7 |                                      |        |     |     |
|------------|--------------------------------------|--------|-----|-----|
| Sub. Code  | Subject Name                         | L-T-P  | CRD | GRD |
| CS400      | Summer Training                      | 0-0-0  | 2   | ВС  |
| CS421      | Computer Peripherals and Interfacing | 3-0-0  | 6   | DD  |
| CS422      | Peripherals and Interfacing Lab      | 0-1-3  | 5   | вс  |
| CS443      | Distributed Systems                  | 3-0-0  | 6   | вс  |
| CS461      | Artificial Intelligence              | 3-0-0  | 6   | ВС  |
| CS498      | Project - I                          | 0-0-10 | 10  | AB  |
| MA410      | Graphs, Groups and Network           | 3-0-0  | 6   | СС  |
|            |                                      |        |     |     |

Credits Taken: 41.0 Credits Cleared: 41.0 SPI: 6.9 CPI: 6.05

# Semester 8

| Sub. Code | Subject Name                              | L-T-P  | CRD | GRD |
|-----------|---|--------|-----|-----|
| CE442     | Industrial Waste Treatment and Management | 3-0-0  | 6   | CD  |
| CS453     | Wireless Sensor Networks                  | 3-0-0  | 6   | BB  |
| CS499     | Project - II                              | 0-0-16 | 16  | ВС  |
| CS502     | Pattern Recognition                       | 3-0-0  | 6   | ВС  |
| HS441     | Industrial and Organizational Psychology  | 3-0-0  | 6   | ВС  |

Credits Taken: 40.0 Credits Cleared: 40.0 SPI: 6.85 CPI: 6.14

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Assistant Registrar (Academic)