



# भारतीय प्रौद्योगिकी संस्थान पटना

## Indian Institute of Technology Patna

### Transcript



Roll No. : 0401CS29

Name : Rennie Troucher

Year of Admission : 2004

Programme : Bachelor of Technology

Course : CS

#### Semester 1

| Sub Code | Subject Name                          | L-T-P | CRD | GRD |
|----------|---------------------------------------|-------|-----|-----|
| CH101    | Chemistry - I                         | 3-1-0 | 8   | BC  |
| 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   | BB  |
| ME111    | Engineering Drawing                   | 2-0-3 | 7   | AB  |
| PH101    | Physics - I                           | 2-1-0 | 6   | BB  |
| PH110    | Physics Laboratory                    | 0-0-3 | 3   | AA  |

Credits Taken : 49   Credits Cleared : 49   SPI : 8.16   CPI : 8.16

#### 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   | BB  |
| EE102    | Basic Electronics Laboratory | 0-0-4 | 4   | AA  |
| 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   | AB  |

Credits Taken : 44   Credits Cleared : 44   SPI : 8.45   CPI : 8.3

#### 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   | AB  |
| 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   | AB  |
| MA201    | Mathematics - III                               | 3-1-0 | 8   | AB  |

Credits Taken : 43   Credits Cleared : 43   SPI : 8.67   CPI : 8.42

#### 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   | BB  |
| CS223    | Hardware Laboratory                     | 0-0-3 | 3   | AB  |
| CS241    | Software Engineering                    | 2-0-3 | 7   | BC  |
| CS242    | Systems Programming Laboratory          | 0-1-3 | 5   | AB  |
| HS202    | Introductory Macroeconomics             | 3-0-0 | 6   | AB  |
| MA214    | Introduction to Computational Topology  | 3-0-0 | 6   | BC  |
| MA225    | Probability Theory and Random Processes | 3-1-0 | 8   | AB  |

Credits Taken : 47   Credits Cleared : 47   SPI : 8.06   CPI : 8.33

#### 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 : 8.34

#### Semester 6

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

Credits Taken : 40   Credits Cleared : 40   SPI : 8.45   CPI : 8.35

#### 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   | AB  |
| CS422    | Peripherals and Interfacing Lab      | 0-1-3  | 5   | AB  |
| CS441    | Topics in Databases                  | 3-0-0  | 6   | BB  |
| CS443    | Distributed Systems                  | 3-0-0  | 6   | AA  |
| CS498    | Project - I                          | 0-0-10 | 10  | AB  |
| MA410    | Graphs, Groups and Network           | 3-0-0  | 6   | AB  |

Credits Taken : 41   Credits Cleared : 41   SPI : 9.05   CPI : 8.45

#### Semester 8

| Sub Code | Subject Name                             | L-T-P  | CRD | GRD |
|----------|--|--------|-----|-----|
| CS449    | Computer and Network Security            | 3-0-0  | 6   | AA  |
| CS453    | Wireless Sensor Networks                 | 3-0-0  | 6   | AB  |
| CS499    | Project - II                             | 0-0-16 | 16  | AA  |
| HS441    | Industrial and Organizational Psychology | 3-0-0  | 6   | AB  |
| PH403    | Photovoltaics & Fuel Cell Technology     | 3-0-0  | 6   | AA  |

Credits Taken : 40   Credits Cleared : 40   SPI : 9.7   CPI : 8.59

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Assistant Registrar