

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna



Transcript

Roll No: 0401CS08

Name: Major Thorald

Programme: Bachelor of Technology Course: CS

Year of Admission: 2004

## Semester 1

| S | Sub Code | Subject Name                          | L-T-P | CRD | GRD |
|---|----------|---------------------------------------|-------|-----|-----|
|   | CH101    | Chemistry - I                         | 3-1-0 | 8   | BB  |
|   | CH110    | Chemistry Laboratory                  | 0-0-3 | 3   | AA  |
|   | EE101    | Electrical Sciences                   | 3-1-0 | 8   | BB  |
|   | 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   | BB  |
|   | PH101    | Physics - I                           | 2-1-0 | 6   | AA  |
|   | PH110    | Physics Laboratory                    | 0-0-3 | 3   | AA  |

Credits Taken: 49 Credits Cleared: 71 SPI: 8.61 CPI: 8.61

## Semester 2

| Sub Code | Subject Name                 | L-T-P | CRD | GRD |
|----------|------------------------------|-------|-----|-----|
| CH102    | Chemistry - II               | 3-0-0 | 6   | AB  |
| 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   | AB  |
| ME101    | Engineering Mechanics        | 3-1-0 | 8   | BB  |
| ME110    | Workshop - I                 | 0-0-3 | 3   | AA  |
| PH102    | Physics - II                 | 2-1-0 | 6   | BB  |
|          |                              |       | _   |     |

Credits Taken: 44 Credits Cleared: 66 SPI: 8.18 CPI: 8.41

## Semester 3

| Sub Co | ode | Subject Name                                    | L-T-P | CRD | GRD |
|--------|-----|-------------------------------------------------|-------|-----|-----|
| CS20   | )1  | Object Oriented Programming and Data Structures | 3-0-3 | 9   | AB  |
| CS20   | )3  | Discrete Mathematics                            | 3-0-0 | 6   | AA  |
| CS22   | 21  | Digital Design                                  | 3-0-0 | 6   | AB  |
| EE22   | 20  | Signal, System and Networks                     | 3-1-0 | 8   | AA  |
| HS20   | )1  | Introductory Microeconomics                     | 3-0-0 | 6   | AB  |
| MA20   | )1  | Mathematics - III                               | 3-1-0 | 8   | AB  |

Credits Taken: 43 Credits Cleared: 56 SPI: 9.33 CPI: 8.7

## Semester 4

| Sub Code | Subject Name                            | L-T-P | CRD | GRD |
|----------|-----------------------------------------|-------|-----|-----|
| CS204    | Algorithms                              | 3-0-0 | 6   | AB  |
| CS222    | Computer Organization and Architecture  | 3-0-0 | 6   | AB  |
| CS223    | Hardware Laboratory                     | 0-0-3 | 3   | AA  |
| CS241    | Software Engineering                    | 2-0-3 | 7   | AA  |
| CS242    | Systems Programming Laboratory          | 0-1-3 | 5   | AA  |
| HS202    | Introductory Macroeconomics             | 3-0-0 | 6   | AA  |
| MA225    | Probability Theory and Random Processes | 3-1-0 | 8   | AB  |
| MA251    | Optimization Techniques                 | 3-0-0 | 6   | AB  |

Credits Taken: 47 Credits Cleared: 76 SPI: 9.45 CPI: 8.89

# Semester 5

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

# Credits Taken: 42 Credits Cleared: 66 SPI: 9.4 CPI: 8.99

## 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   | AA  |
| CS347    | Compliers Laboratory     | 0-0-3 | 3   | AB  |
| CS348    | Computer Networks        | 3-0-2 | 8   | AA  |
| CS362    | Computer Graphics        | 3-0-2 | 8   | AB  |
| CS399    | Seminar                  | 0-0-3 | 3   | AB  |
| HS331    | Sociology of Development | 3-0-0 | 6   | AB  |
|          |                          | •     |     | •   |

Credits Taken: 40 Credits Cleared: 65 SPI: 9.35 CPI: 9.04

#### Semester 7

| L-T-P       | CRD                                           | GRD                                                        |
|-------------|-----------------------------------------------|------------------------------------------------------------|
| 0-0-0       | 2                                             | AB                                                         |
| acing 3-0-0 | 6                                             | AA                                                         |
| b 0-1-3     | 5                                             | AA                                                         |
| 3-0-0       | 6                                             | AA                                                         |
| 3-0-0       | 6                                             | AA                                                         |
| 0-0-10      | 10                                            | AA                                                         |
| 3-0-0       | 6                                             | AA                                                         |
|             | 0-0-0 acing 3-0-0 ab 0-1-3 3-0-0 3-0-0 0-0-10 | 0-0-0 2 acing 3-0-0 6 ab 0-1-3 5 3-0-0 6 3-0-0 6 0-0-10 10 |

Credits Taken: 41 Credits Cleared: 69 SPI: 9.95 CPI: 9.16

#### Semester 8

|   | Sub Code | Subject Name                             | L-T-P  | CRD | GRD |
|---|----------|------------------------------------------|--------|-----|-----|
|   | CS449    | Computer and Network Security            | 3-0-0  | 6   | AB  |
|   | CS452    | Internet Protocols                       | 3-0-0  | 6   | AA  |
|   | CS499    | Project - II                             | 0-0-16 | 16  | AA  |
| Γ | HS441    | Industrial and Organizational Psychology | 3-0-0  | 6   | AB  |
|   | MA412    | Matrix Computation                       | 3-0-0  | 6   | AA  |

Credits Taken: 40 Credits Cleared: 48 SPI: 9.7 CPI: 9.23

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Asistant Registrar(Academic)