

भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna



Transcript

Roll No: 0501CS13 Name: Mikel hupka Year of Admission: 2005

3 AB

0-0-3

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

Semester 1

| Subject Name | | | |
|---------------------------------------|---|----------------------|----------------------|
| Oubject Hame | L-T-P | CRD | GRD |
| Chemistry - I | 3-1-0 | 8 | BB |
| Chemistry Laboratory | 0-0-3 | 3 | AB |
| Electrical Sciences | 3-1-0 | 8 | AB |
| English : Language Through Literature | 3-0-0 | 6 | ВС |
| Mathematics - I | 3-1-0 | 8 | AA |
| Workshop - I | 0-0-3 | 3 | BB |
| Engineering Drawing | 2-0-3 | 7 | AA |
| Physics - I | 2-1-0 | 6 | AB |
| | Chemistry Laboratory Electrical Sciences English: Language Through Literature Mathematics - I Workshop - I Engineering Drawing | Chemistry Laboratory | Chemistry Laboratory |

Credits Taken: 49.0 Credits Cleared: 49.0 SPI: 8.84 CPI: 8.84

| Semester 2 | | | | |
|------------|------------------------------|-------|-----|-----|
| Sub. Code | Subject Name | L-T-P | CRD | GRD |
| CH102 | Chemistry - II | 3-0-0 | 6 | ВС |
| CS101 | Introduction to Computing | 3-0-0 | 6 | BB |
| CS110 | Computing Laboratory | 0-0-3 | 3 | AB |
| EE102 | Basic Electronics Laboratory | 0-0-4 | 4 | СС |
| MA102 | Mathematics - II | 3-1-0 | 8 | AA |
| ME101 | Engineering Mechanics | 3-1-0 | 8 | BB |
| PH102 | Physics - II | 2-1-0 | 6 | BB |

Credits Taken: 44.0 Credits Cleared: 44.0 SPI: 8.18 CPI: 8.53

Physics Laboratory

PH110

Semester 3

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|---|---------|-----|-----|
| CS201 C | bject Oriented Programming and Data Structure | s 3-0-3 | 9 | AB |
| CS203 | Discrete Mathematics | 3-0-0 | 6 | AB |
| CS221 | Digital Design | 3-0-0 | 6 | AA |
| EE220 | Signal, System and Networks | 3-1-0 | 8 | AB |
| HS201 | Introductory Microeconomics | 3-0-0 | 6 | BB |
| MA201 | Mathematics - III | 3-1-0 | 8 | AB |

Credits Taken: 43.0 Credits Cleared: 43.0 SPI: 9.0 CPI: 8.68

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 | AB |
| CS242 | Systems Programming Laboratory | 0-1-3 | 5 | AA |
| HS202 | Introductory Macroeconomics | 3-0-0 | 6 | СС |
| MA225 | Probability Theory and Random Processes | 3-1-0 | 8 | AA |
| MA231 | Introduction to Numerical Methods | 3-0-0 | 6 | AB |

Credits Taken: 47.0 Credits Cleared: 47.0 SPI: 8.96 CPI: 8.75

Semester 5

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

Credits Taken: 42.0 Credits Cleared: 42.0 SPI: 8.33 CPI: 8.67

| 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 | Compliers 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 | BB |
| HS331 | Sociology of Development | 3-0-0 | 6 | ВС |

Credits Taken: 40.0 Credits Cleared: 40.0 SPI: 8.15 CPI: 8.59

| Semester 7 | | | | |
|------------|--------------------------------------|--------|-----|-----|
| Sub. Code | Subject Name | L-T-P | CRD | GRD |
| CS400 | Summer Training | 0-0-0 | 2 | AB |
| CS421 | Computer Peripherals and Interfacing | 3-0-0 | 6 | AA |
| CS422 | Peripherals and Interfacing Lab | 0-1-3 | 5 | AA |
| CS423 | VLSI CAD | 3-0-0 | 6 | BB |
| CS461 | Artificial Intelligence | 3-0-0 | 6 | BB |
| CS498 | Project - I | 0-0-10 | 10 | AA |
| MA410 | Graphs, Groups and Network | 3-0-0 | 6 | AB |

Credits Taken: 41.0 Credits Cleared: 41.0 SPI: 9.22 CPI: 8.68

Semester 8

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|-----------|--|--------|-----|-----|
| CE502 | Infrastructure Economics | 3-0-0 | 6 | AB |
| CS449 | Computer and Network Security | 3-0-0 | 6 | BB |
| CS499 | Project - II | 0-0-16 | 16 | AB |
| CS502 | Pattern Recognition | 3-0-0 | 6 | AB |
| HS441 | Industrial and Organizational Psychology | 3-0-0 | 6 | BB |

Credits Taken: 40.0 Credits Cleared: 40.0 SPI: 8.7 CPI: 8.68

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Assistant Registrar (Academic)