# भारतीय प्रौद्योगिकी संस्थान पटना
# INDIAN INSTITUTE OF TECHNOLOGY PATNA

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| Roll No: 0501CS28 | Name: Aliza Leveritt | Year of Admission: 2005 |
| Programe: Bachelor of Technology | Course: CS | |

## Semester1

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

Credits Taken: 49.0  Credits Cleared: 49.0  CPI: 9.18  SPI: 9.18

## Semester2

| 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 | AA |
| CS110 | Computing Laboratory | 0-0-3 | 3 | AA |
| EE102 | Basic Electronics Laboratory | 0-0-4 | 4 | AA |
| MA102 | Mathematics - II | 3-1-0 | 8 | AB |
| ME101 | Engineering Mechanics | 3-1-0 | 8 | BB |
| PH102 | Physics - II | 2-1-0 | 6 | AB |
| PH110 | Physics Laboratory | 0-0-3 | 3 | AA |

Credits Taken: 44.0  Credits Cleared: 44.0  CPI: 9.12  SPI: 9.05

## Semester3

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

Credits Taken: 43.0  Credits Cleared: 43.0  CPI: 9.35  SPI: 9.86

## Semester4

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

Credits Taken: 47.0  Credits Cleared: 47.0  CPI: 9.43  SPI: 9.64

## Semester5

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CS301 | Formal Language and Automata | 3-0-0 | 6 | AA |
| CS331 | Programming Language | 3-0-2 | 8 | AA |
| CS341 | Operating Systems | 3-0-0 | 6 | AA |
| CS342 | Operating Systems Laboratory | 0-1-3 | 5 | AA |
| 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: 42.0  Credits Cleared: 42.0  CPI: 9.53  SPI: 10.0

## Semester6

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CS302 | Theory of Computation | 3-0-0 | 6 | AA |
| CS346 | Compilers | 3-0-0 | 6 | AB |
| CS347 | Compliers Laboratory | 0-0-3 | 3 | AA |
| CS348 | Computer Networks | 3-0-2 | 8 | AA |
| CS362 | Computer Graphics | 3-0-2 | 8 | AB |
| CS399 | Seminar | 0-0-3 | 3 | AB |
| HS311 | Diasporic Literature | 3-0-0 | 6 | AB |

Credits Taken: 40.0  Credits Cleared: 40.0  CPI: 9.52  SPI: 9.43

## Semester7

| 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 |
| CS443 | Distributed Systems | 3-0-0 | 6 | AB |
| CS461 | Artificial Intelligence | 3-0-0 | 6 | AA |
| CS498 | Project - I | 0-0-10 | 10 | AA |
| MA410 | Graphs, Groups and Network | 3-0-0 | 6 | AA |

Credits Taken: 41.0  Credits Cleared: 41.0  CPI: 9.56  SPI: 9.8

## Semester8

| Sub. Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CE442 | Industrial Waste Treatment and Management | 3-0-0 | 6 | BC |
| CS449 | Computer and Network Security | 3-0-0 | 6 | AB |
| 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 | AB |

Credits Taken: 40.0  Credits Cleared: 40.0  CPI: 9.46  SPI: 8.7

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**Assistant Registrar(Academic)**