# भारतीय प्रौद्योगिकी संस्थान पटना
# INDIAN INSTITUTE OF TECHNOLOGY PATNA

| Roll No: | 0501CS01 | Name: | Nanine Bartlomiej | Year of Admission: | 2019 |
|---|---|---|---|---|---|
| Programme: | Bachelor of Technology | Course: | hh | | |

### semester 1

| Subject No | Subject Name | L-T-P | Credit | Grade |
|---|---|---|---|---|
| CH101 | Chemistry - I | 3-1-0 | 8 | AA |
| CH110 | Chemistry Laboratory | 0-0-3 | 3 | AA |
| EE101 | Electrical Sciences | 3-1-0 | 8 | AA |
| HS101 | English : Language Through Literature | 3-0-0 | 6 | AA |
| MA101 | Mathematics - I | 3-1-0 | 8 | AA |
| ME110 | Workshop - I | 0-0-3 | 3 | AB |
| ME111 | Engineering Drawing | 2-0-3 | 7 | AA |
| PH101 | Physics - I | 2-1-0 | 6 | AA |

**Credits taken:49  Credits cleared: 49  SPI: 9.94  CPI: 9.94**

### semester 2

| Subject No | Subject Name | L-T-P | Credit | Grade |
|---|---|---|---|---|
| CH102 | Chemistry - II | 3-0-0 | 6 | AA |
| CS101 | Introduction to Computing | 3-0-0 | 6 | AB |
| CS110 | Computing Laboratory | 0-0-3 | 3 | AB |
| EE102 | Basic Electronics Laboratory | 0-0-4 | 4 | AA |
| MA102 | Mathematics - II | 3-1-0 | 8 | AA |
| ME101 | Engineering Mechanics | 3-1-0 | 8 | AA |
| PH102 | Physics - II | 2-1-0 | 6 | AA |
| PH110 | Physics Laboratory | 0-0-3 | 3 | AA |

**Credits taken:44  Credits cleared: 44  SPI: 9.8  CPI: 9.87**

### semester 3

| Subject No | Subject Name | L-T-P | Credit | Grade |
|---|---|---|---|---|
| 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 |
| HS231 | Introductory Sociology | 3-0-0 | 6 | AA |
| MA201 | Mathematics - III | 3-1-0 | 8 | AA |

**Credits taken:43  Credits cleared: 43  SPI: 10.0  CPI: 9.91**

### semester 4

| Subject No | Subject Name | L-T-P | Credit | Grade |
|---|---|---|---|---|
| CS204 | Algorithms | 3-0-0 | 6 | AA |
| CS222 | Computer Organization and Architecture | 3-0-0 | 6 | AB |
| CS223 | Hardware Laboratory | 0-0-3 | 3 | AB |
| CS241 | Software Engineering | 2-0-3 | 7 | AA |
| CS242 | Systems Programming Laboratory | 0-1-3 | 5 | AA |
| HS222 | Language, Human Mind and Indian Society | 3-0-0 | 6 | AA |
| MA214 | Introduction to Computational Topology | 3-0-0 | 6 | AA |
| MA225 | Probability Theory and Random Processes | 3-1-0 | 8 | AA |

**Credits taken:47  Credits cleared: 47  SPI: 9.81  CPI: 9.89**

### semester 5

| Subject No | Subject Name | L-T-P | Credit | Grade |
|---|---|---|---|---|
| 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  Credits cleared: 42  SPI: 10.0  CPI: 9.91**

### semester 6

| Subject No | Subject Name | L-T-P | Credit | Grade |
|---|---|---|---|---|
| CS302 | Theory of Computation | 3-0-0 | 6 | AA |
| CS346 | Compilers | 3-0-0 | 6 | AA |
| CS347 | Compliers Laboratory | 0-0-3 | 3 | AA |
| CS348 | Computer Networks | 3-0-2 | 8 | AA |
| CS362 | Computer Graphics | 3-0-2 | 8 | AA |
| CS399 | Seminar | 0-0-3 | 3 | AA |
| HS331 | Sociology of Development | 3-0-0 | 6 | AA |

**Credits taken:40  Credits cleared: 40  SPI: 10.0  CPI: 9.92**

### semester 7

| Subject No | Subject Name | L-T-P | Credit | Grade |
|---|---|---|---|---|
| CS400 | Summer Training | 0-0-0 | 2 | AA |
| 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 | AA |
| 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  Credits cleared: 41  SPI: 10.0  CPI: 9.93**

### semester 8

| Subject No | Subject Name | L-T-P | Credit | Grade |
|---|---|---|---|---|
| CE502 | Infrastructure Economics | 3-0-0 | 6 | AA |
| CS453 | Wireless Sensor Networks | 3-0-0 | 6 | AA |
| CS499 | Project - II | 0-0-16 | 16 | AA |
| CS502 | Pattern Recognition | 3-0-0 | 6 | AA |
| HS441 | Industrial and Organizational Psychology | 3-0-0 | 6 | AA |

**Credits taken:40  Credits cleared: 40  SPI: 10.0  CPI: 9.94**

Date of issue:  2 Dec 2021,19:44.

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