

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna Transcript



Roll Number 0401CS38 Name: Kyle Van Halle Year of Admission: 2019 Programme: Bachelor of Technology Course: Computer Science and Engineering

# Semester1

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

Credits taken: Total Credits Taken | Credits Cleared: 46 | SPI: SPI | CPI: CPI

#### Semester5

| Subject<br>No. | Subject Name                 | L-T-P | Credit | Grade |
|----------------|------------------------------|-------|--------|-------|
| CS301          | Formal Language and Automata | 3-0-0 | 6      | ВВ    |
| 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      | ВВ    |
| CS344          | Databases                    | 3-0-0 | 6      | AB    |

Credits taken: 183 Credits Cleared: 37 SPI: 9.19 CPI: 9.27

## Semester2

| Subject<br>No. | Subject Name                 | L-T-P | Credit | Grade |
|----------------|------------------------------|-------|--------|-------|
| CH102          | Chemistry - II               | 3-0-0 | 6      | AA    |
| 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      | AB    |
| MA102          | Mathematics - II             | 3-1-0 | 8      | AA    |
| ME101          | Engineering Mechanics        | 3-1-0 | 8      | AB    |
| ME110          | Workshop - I                 | 0-0-3 | 3      | AB    |

Credits taken: 49 Credits Cleared: 38 SPI: 9.27 CPI: 9.27

#### Semester6

| Subject<br>No. | Subject Name          | L-T-P | Credit | Grade |
|----------------|-----------------------|-------|--------|-------|
| CS302          | Theory of Computation | 3-0-0 | 6      | AB    |
| 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    |

Credits taken: 225 Credits Cleared: 34 SPI: 8.83 CPI: 9.19

#### Semester3

| Subject<br>No. | Subject Name                                       | L-T-P | Credit | Grade |
|----------------|--|-------|--------|-------|
| CS201          | Object Oriented Programming and<br>Data Structures | 3-0-3 | 9      | AA    |
| CS203          | Discrete Mathematics                               | 3-0-0 | 6      | AB    |
| CS221          | Digital Design                                     | 3-0-0 | 6      | AB    |
| EE220          | Signal, System and Networks                        | 3-1-0 | 8      | AB    |
| HS221          | Fundamentals of Linguistics Science                | 3-0-0 | 6      | AA    |

Credits taken: 93 Credits Cleared: 35 SPI: 9.11 CPI: 9.19

## Semester7

| Subject<br>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    |

Credits taken: 265 Credits Cleared: 35 SPI: 9.55 CPI: 9.25

#### Semester4

|   | Subject<br>No. | Subject Name                               | L-T-P | Credit | Grade |
|---|----------------|--|-------|--------|-------|
| - | CS204          | Algorithms                                 | 3-0-0 | 6      | AB    |
| ( | CS222          | Computer Organization and<br>Architecture  | 3-0-0 | 6      | BB    |
| ( | CS223          | Hardware Laboratory                        | 0-0-3 | 3      | AA    |
| C | CS241          | Software Engineering                       | 2-0-3 | 7      | AA    |
| C | CS242          | Systems Programming Laboratory             | 0-1-3 | 5      | AA    |
| I | HS202          | Introductory Macroeconomics                | 3-0-0 | 6      | AB    |
| N | MA225          | Probability Theory and Random<br>Processes | 3-1-0 | 8      | AB    |

Credits taken: 136 Credits Cleared: 41 SPI: 9.53 CPI: 9.3

#### Semester8

| Subject<br>No. | Subject Name                                | L-T-P  | Credit | Grade |
|----------------|---|--------|--------|-------|
| CS452          | Internet Protocols                          | 3-0-0  | 6      | AB    |
| CS453          | Wireless Sensor Networks                    | 3-0-0  | 6      | AA    |
| CS499          | Project - II                                | 0-0-16 | 16     | AA    |
| HS441          | Industrial and Organizational<br>Psychology | 3-0-0  | 6      | AB    |

Credits taken: 306 Credits Cleared: 34 SPI: 10 CPI: 9.35

Date of Issue:

2 8 JUN 2021



Assistant Registrar (Academic)