

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna Transcript



Roll Number 0501CS12 Name: Clementius Punt 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      | CD    |
| CH110          | Chemistry Laboratory                  | 0-0-3 | 3      | AB    |
| EE101          | Electrical Sciences                   | 3-1-0 | 8      | ВВ    |
| HS101          | English : Language Through Literature | 3-0-0 | 6      | BC    |
| MA101          | Mathematics - I                       | 3-1-0 | 8      | CD    |
| ME110          | Workshop - I                          | 0-0-3 | 3      | ВВ    |
| ME111          | Engineering Drawing                   | 2-0-3 | 7      | BB    |

Credits taken: 49 Credits Cleared: 43 SPI: 6.71 CPI: 6.71

## 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      | BC    |
| 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: 225 Credits Cleared: 37 SPI: 8.33 CPI: 7.63

# Semester2

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

Credits taken: 93 Credits Cleared: 41 SPI: 7.39 CPI: 7.03

## Semester6

| Subject<br>No. | Subject Name          | L-T-P | Credit | Grade |
|----------------|-----------------------|-------|--------|-------|
| CS302          | Theory of Computation | 3-0-0 | 6      | BB    |
| CS346          | Compilers             | 3-0-0 | 6      | BB    |
| CS347          | Compliers Laboratory  | 0-0-3 | 3      | AB    |
| CS348          | Computer Networks     | 3-0-2 | 8      | BC    |
| CS362          | Computer Graphics     | 3-0-2 | 8      | BB    |
| CS399          | Seminar               | 0-0-3 | 3      | AB    |

Credits taken: 265 Credits Cleared: 34 SPI: 8.1 CPI: 7.7

## Semester3

| Subject |  |       |        |       |
|---------|--|-------|--------|-------|
| No.     | Subject Name                                       | L-T-P | Credit | Grade |
| CS201   | Object Oriented Programming and<br>Data Structures | 3-0-3 | 9      | ВС    |
| 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      | BB    |
| HS201   | Introductory Microeconomics                        | 3-0-0 | 6      | AB    |

Credits taken: 136 Credits Cleared: 35 SPI: 8.02 CPI: 7.35

# Semester7

| Subject<br>No. | Subject Name                         | L-T-P  | Credit | Grade |
|----------------|--------------------------------------|--------|--------|-------|
| CS400          | Summer Training                      | 0-0-0  | 2      | ВВ    |
| CS421          | Computer Peripherals and Interfacing | 3-0-0  | 6      | ВВ    |
| CS422          | Peripherals and Interfacing Lab      | 0-1-3  | 5      | AB    |
| CS443          | Distributed Systems                  | 3-0-0  | 6      | AB    |
| CS461          | Artificial Intelligence              | 3-0-0  | 6      | BB    |
| CS498          | Project - I                          | 0-0-10 | 10     | AB    |

Credits taken: 306 Credits Cleared: 35 SPI: 8.51 CPI: 7.81

## 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      | ВС    |
| CS223          | Hardware Laboratory                        | 0-0-3 | 3      | BB    |
| CS241          | Software Engineering                       | 2-0-3 | 7      | ВВ    |
| CS242          | Systems Programming Laboratory             | 0-1-3 | 5      | AB    |
| HS202          | Introductory Macroeconomics                | 3-0-0 | 6      | ВВ    |
| MA225          | Probability Theory and Random<br>Processes | 3-1-0 | 8      | BC    |

Credits taken: 183 Credits Cleared: 41 SPI: 7.81 CPI: 7.46

## Semester8

|   | Subject<br>No. | Subject Name                                 | L-T-P  | Credit | Grade |
|---|----------------|--|--------|--------|-------|
| ( | CE442          | Industrial Waste Treatment and<br>Management | 3-0-0  | 6      | CC    |
| ( | CS449          | Computer and Network Security                | 3-0-0  | 6      | BB    |
| ( | CS453          | Wireless Sensor Networks                     | 3-0-0  | 6      | AB    |
| ( | CS499          | Project - II                                 | 0-0-16 | 16     | AB    |

Credits taken: 346 Credits Cleared: 34 SPI: 8.25 CPI: 7.86

Date of Issue:

2 8 JUN 2021



Assistant Registrar (Academic)