



# भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



INTERIM TRANSCRIPT

TRANSCRIPT

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Roll No: 0401CS11

Name: Boycie Gillow

Year of Admission: 2020

Programme: Bachelors of Technology

Course: CS

## Semester 1

|       |                                       |       |   |      |    |
|-------|---------------------------------------|-------|---|------|----|
| CH101 | Chemistry - I                         | 3-1-0 | 8 | CORE | AA |
| CH110 | Chemistry Laboratory                  | 0-0-3 | 3 | CORE | AA |
| EE101 | Electrical Sciences                   | 3-1-0 | 8 | CORE | BC |
| HS101 | English : Language Through Literature | 3-0-0 | 6 | CORE | AB |
| MA101 | Mathematics - I                       | 3-1-0 | 8 | CORE | BB |
| ME111 | Engineering Drawing                   | 2-0-3 | 7 | CORE | AB |
| PH101 | Physics - I                           | 2-1-0 | 6 | CORE | BC |
| PH110 | Physics Laboratory                    | 0-0-3 | 3 | CORE | AA |

Credits Taken: 49 Credits Cleared: 49 SPI: 8.55 CPI: 8.55

## Semester 2

|       |                              |       |   |      |    |
|-------|------------------------------|-------|---|------|----|
| CH102 | Chemistry - II               | 3-0-0 | 6 | CORE | BB |
| CS101 | Introduction to Computing    | 3-0-0 | 6 | CORE | CC |
| CS110 | Computing Laboratory         | 0-0-3 | 3 | CORE | BB |
| EE102 | Basic Electronics Laboratory | 0-0-4 | 4 | CORE | BB |
| MA102 | Mathematics - II             | 3-1-0 | 8 | CORE | BB |
| ME101 | Engineering Mechanics        | 3-1-0 | 8 | CORE | BB |
| ME110 | Workshop - I                 | 0-0-3 | 3 | CORE | AA |
| PH102 | Physics - II                 | 2-1-0 | 6 | CORE | CC |

Credits Taken: 44 Credits Cleared: 93 SPI: 7.59 CPI: 8.1

## Semester 3

|       |   |       |   |             |    |
|-------|---|-------|---|-------------|----|
| CS201 | Object Oriented Programming and Data Structures | 3-0-3 | 9 | CORE        | AB |
| CS203 | Discrete Mathematics                            | 3-0-0 | 6 | CORE        | BB |
| CS221 | Digital Design                                  | 3-0-0 | 6 | CORE        | BB |
| EE220 | Signal, System and Networks                     | 3-1-0 | 8 | CORE        | BB |
| HS201 | Introductory Microeconomics                     | 3-0-0 | 6 | HS Elective | BB |
| MA201 | Mathematics - III                               | 3-1-0 | 8 | CORE        | BB |

Credits Taken: 43 Credits Cleared: 136 SPI: 8.21 CPI: 8.13

## Semester 4

|       |   |       |   |              |    |
|-------|---|-------|---|--------------|----|
| CS204 | Algorithms                              | 3-0-0 | 6 | CORE         | BC |
| CS222 | Computer Organization and Architecture  | 3-0-0 | 6 | CORE         | BC |
| CS223 | Hardware Laboratory                     | 0-0-3 | 3 | CORE         | AB |
| CS241 | Software Engineering                    | 2-0-3 | 7 | CORE         | BB |
| CS242 | Systems Programming Laboratory          | 0-1-3 | 5 | CORE         | AB |
| HS211 | Literature: Voices and Culture          | 3-0-0 | 6 | HS Elective  | AB |
| MA225 | Probability Theory and Random Processes | 3-1-0 | 8 | CORE         | BB |
| MA251 | Optimization Techniques                 | 3-0-0 | 6 | Elective-Sc. | BC |

Credits Taken: 47 Credits Cleared: 183 SPI: 7.91 CPI: 8.08

## Semester 7

|       |                                      |        |    |                            |    |
|-------|--------------------------------------|--------|----|----------------------------|----|
| CS400 | Summer Training                      | 0-0-0  | 2  | CORE                       | AA |
| CS421 | Computer Peripherals and Interfacing | 3-0-0  | 6  | CORE                       | BB |
| CS422 | Peripherals and Interfacing Lab      | 0-1-3  | 5  | CORE                       | BB |
| CS443 | Distributed Systems                  | 3-0-0  | 6  | DEPARTMENTAL ELECTIVE - II | AB |
| CS461 | Artificial Intelligence              | 3-0-0  | 6  | DEPARTMENTAL ELECTIVE - I  | AB |
| CS498 | Project - I                          | 0-0-10 | 10 | CORE                       | AA |
| PH401 | Introduction to Nanomaterials        | 3-0-0  | 6  | OPEN ELECTIVE - I          | AA |

Credits Taken: 41 Credits Cleared: 306 SPI: 9.17 CPI: 8.34

## Semester 8

|       |  |        |    |                             |    |
|-------|--|--------|----|-----------------------------|----|
| CS452 | Internet Protocols                       | 3-0-0  | 6  | Departmental Elective - IV  | AA |
| CS453 | Wireless Sensor Networks                 | 3-0-0  | 6  | Departmental Elective - III | AA |
| CS499 | Project - II                             | 0-0-16 | 16 | CORE                        | AA |
| HS441 | Industrial and Organizational Psychology | 3-0-0  | 6  | HSS Elective                | AB |
| PH403 | Photovoltaics & Fuel Cell Technology     | 3-0-0  | 6  | Open Elective - II          | AB |

Credits Taken: 40 Credits Cleared: 346 SPI: 9.7 CPI: 8.5

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Assistant Registrar (Academic)



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