

# भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



# INTERIM TRANSCRIPT

## TRANSCRIPT

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Roll No: 0401CS35 Name: Sheffy Angerstein Year of Admission: 2004

Programme: Bachelors of Technology Course: Computer Science and Engineering

#### Semester 1

| Sub<br>Code | Subject Name                             | L-T-P | CRD | GRD |
|-------------|------------------------------------------|-------|-----|-----|
| CH101       | Chemistry - I                            | 3-1-0 | 8   | AA  |
| CH110       | Chemistry Laboratory                     | 0-0-3 | 3   | BB  |
| EE101       | Electrical Sciences                      | 3-1-0 | 8   | BB  |
| HS101       | English : Language Through<br>Literature | 3-0-0 | 6   | BB  |
| MA101       | Mathematics - I                          | 3-1-0 | 8   | AB  |
| ME111       | Engineering Drawing                      | 2-0-3 | 7   | AB  |
| PH101       | Physics - I                              | 2-1-0 | 6   | AA  |
| PH110       | Physics Laboratory                       | 0-0-3 | 3   | AA  |

Credits Taken: 49 Credits Cleared: 49 SPI: 9.0 CPI: 9.0

## Semester 2

| Sub<br>Code | Subject Name                 | L-T-P | CRD | GRD |
|-------------|------------------------------|-------|-----|-----|
| CH102       | Chemistry - II               | 3-0-0 | 6   | AA  |
| CS101       | Introduction to Computing    | 3-0-0 | 6   | AB  |
| CS110       | Computing Laboratory         | 0-0-3 | 3   | ВВ  |
| EE102       | Basic Electronics Laboratory | 0-0-4 | 4   | вс  |
| MA102       | Mathematics - II             | 3-1-0 | 8   | AA  |
| ME101       | Engineering Mechanics        | 3-1-0 | 8   | AB  |
| ME110       | Workshop - I                 | 0-0-3 | 3   | AB  |
| PH102       | Physics - II                 | 2-1-0 | 6   | AA  |
|             |                              |       |     |     |

Credits Taken: 44 Credits Cleared: 44 SPI: 9.2 CPI: 9.1

#### Semester 3

| Sub<br>Code | Subject Name                                       | L-T-P | CRD | GRD |
|-------------|----------------------------------------------------|-------|-----|-----|
| CS201       | Object Oriented Programming and<br>Data Structures | 3-0-3 | 9   | AB  |
| 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  |
| MA201       | Mathematics - III                                  | 3-1-0 | 8   | AA  |

Credits Taken: 43 Credits Cleared: 43 SPI: 9.0 CPI: 9.07

### Semester 4

| Sub<br>Code | Subject Name                               | L-T-P | CRD | GRD |
|-------------|--------------------------------------------|-------|-----|-----|
| CS204       | Algorithms                                 | 3-0-0 | 6   | ВВ  |
| CS222       | Computer Organization and<br>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  |
| HS202       | Introductory Macroeconomics                | 3-0-0 | 6   | AA  |
| MA214       | Introduction to Computational<br>Topology  | 3-0-0 | 6   | AA  |
| MA225       | Probability Theory and Random<br>Processes | 3-1-0 | 8   | AB  |

Credits Taken: 47 Credits Cleared: 47 SPI: 9.38 CPI: 9.15

### Semester 5

| Contr       |                              |       |     |     |
|-------------|------------------------------|-------|-----|-----|
| Sub<br>Code | Subject Name                 | L-T-P | CRD | GRD |
| CS301       | Formal Language and Automata | 3-0-0 | 6   | AB  |
| CS331       | Programming Language         | 3-0-2 | 8   | AB  |
| CS341       | Operating Systems            | 3-0-0 | 6   | AA  |
| CS342       | Operating Systems Laboratory | 0-1-3 | 5   | AB  |
| 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: 9.55 CPI: 9.22

### Semester 6

| Sub<br>Code | Subject Name             | L-T-P | CRD | GRD |
|-------------|--------------------------|-------|-----|-----|
| 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   | BB  |
| CS399       | Seminar                  | 0-0-3 | 3   | BB  |
| HS331       | Sociology of Development | 3-0-0 | 6   | AB  |

Credits Taken: 40 Credits Cleared: 40 SPI: 9.15 CPI: 9.21

## Semester 7

| Sub<br>Code | Subject Name                            | L-T-P  | CRD | GRD |
|-------------|-----------------------------------------|--------|-----|-----|
| CS400       | Summer Training                         | 0-0-0  | 2   | AA  |
| CS421       | Computer Peripherals and<br>Interfacing | 3-0-0  | 6   | AB  |
| CS422       | Peripherals and Interfacing Lab         | 0-1-3  | 5   | AA  |
| CS441       | Topics in Databases                     | 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 Credits Cleared: 41 SPI: 9.71 CPI: 9.28

## Semester 8

| Sub<br>Code | Subject Name                                | L-T-P  | CRD | GRD |
|-------------|---------------------------------------------|--------|-----|-----|
| CS449       | Computer and Network Security               | 3-0-0  | 6   | AB  |
| CS452       | Internet Protocols                          | 3-0-0  | 6   | AA  |
| CS499       | Project - II                                | 0-0-16 | 16  | AA  |
| HS441       | Industrial and Organizational<br>Psychology | 3-0-0  | 6   | AB  |
| MA412       | Matrix Computation                          | 3-0-0  | 6   | AB  |

Credits Taken: 40 Credits Cleared: 40 SPI: 9.55 CPI: 9.31

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Assistant Registrar (Academic)



Date Generated: 30 Nov 2021, 08:26

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