



# भारतीय प्रौद्योगिकी संस्थान पटना

## INDIAN INSTITUTE OF TECHNOLOGY PATNA



INTERIM TRANSCRIPT

TRANSCRIPT

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Roll No: 0501CS25  
Programme: Bachelor of Technology

Name: Gannie Gallop  
Course: CS

Year of Admission: 2005

### Semester1

| Sub. Code | Subject Name                          | L-T-P | CRD | GRD |
|-----------|---------------------------------------|-------|-----|-----|
| CH101     | Chemistry - I                         | 3-1-0 | 8   | BB  |
| CH110     | Chemistry Laboratory                  | 0-0-3 | 3   | AA  |
| EE101     | Electrical Sciences                   | 3-1-0 | 8   | BB  |
| HS101     | English : Language Through Literature | 3-0-0 | 6   | AB  |
| MA101     | Mathematics - I                       | 3-1-0 | 8   | BC  |
| ME110     | Workshop - I                          | 0-0-3 | 3   | AB  |
| ME111     | Engineering Drawing                   | 2-0-3 | 7   | BB  |
| PH101     | Physics - I                           | 2-1-0 | 6   | AB  |

Credits Taken: 49.0 Credits Cleared: 49.0 CPI: 8.27 SPI: 8.27

### Semester2

| Sub. Code | Subject Name                 | L-T-P | CRD | GRD |
|-----------|------------------------------|-------|-----|-----|
| CH102     | Chemistry - II               | 3-0-0 | 6   | BB  |
| 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   | BB  |
| MA102     | Mathematics - II             | 3-1-0 | 8   | AB  |
| ME101     | Engineering Mechanics        | 3-1-0 | 8   | BB  |
| PH102     | Physics - II                 | 2-1-0 | 6   | AB  |
| PH110     | Physics Laboratory           | 0-0-3 | 3   | BB  |

Credits Taken: 44.0 Credits Cleared: 44.0 CPI: 8.39 SPI: 8.52

### Semester3

| Sub. Code | Subject Name                                    | L-T-P | CRD | GRD |
|-----------|---|-------|-----|-----|
| CS201     | Object Oriented Programming and Data Structures | 3-0-3 | 9   | BC  |
| CS203     | Discrete Mathematics                            | 3-0-0 | 6   | AB  |
| CS221     | Digital Design                                  | 3-0-0 | 6   | BB  |
| EE220     | Signal, System and Networks                     | 3-1-0 | 8   | AA  |
| HS201     | Introductory Microeconomics                     | 3-0-0 | 6   | AB  |
| MA201     | Mathematics - III                               | 3-1-0 | 8   | BB  |

Credits Taken: 43.0 Credits Cleared: 43.0 CPI: 8.4 SPI: 8.44

### Semester4

| Sub. Code | Subject Name                            | L-T-P | CRD | GRD |
|-----------|---|-------|-----|-----|
| CS204     | Algorithms                              | 3-0-0 | 6   | AB  |
| CS222     | Computer Organization and Architecture  | 3-0-0 | 6   | BB  |
| CS223     | Hardware Laboratory                     | 0-0-3 | 3   | BC  |
| CS241     | Software Engineering                    | 2-0-3 | 7   | AB  |
| CS242     | Systems Programming Laboratory          | 0-1-3 | 5   | AB  |
| HS202     | Introductory Macroeconomics             | 3-0-0 | 6   | AB  |
| MA225     | Probability Theory and Random Processes | 3-1-0 | 8   | AB  |
| MA251     | Optimization Techniques                 | 3-0-0 | 6   | BB  |

Credits Taken: 47.0 Credits Cleared: 47.0 CPI: 8.46 SPI: 8.62

### Semester5

| Sub. 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   | BB  |
| CS344     | Databases                    | 3-0-0 | 6   | AB  |
| CS345     | Databases Laboratory         | 0-1-3 | 5   | BB  |

Credits Taken: 42.0 Credits Cleared: 42.0 CPI: 8.54 SPI: 8.88

### Semester6

| Sub. 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     | Compilers Laboratory     | 0-0-3 | 3   | AA  |
| CS348     | Computer Networks        | 3-0-2 | 8   | AB  |
| CS362     | Computer Graphics        | 3-0-2 | 8   | AB  |
| CS399     | Seminar                  | 0-0-3 | 3   | AA  |
| HS331     | Sociology of Development | 3-0-0 | 6   | AA  |

Credits Taken: 40.0 Credits Cleared: 40.0 CPI: 8.68 SPI: 9.45

### Semester7

| Sub. Code | Subject Name                         | L-T-P  | CRD | GRD |
|-----------|--------------------------------------|--------|-----|-----|
| CS400     | Summer Training                      | 0-0-0  | 2   | AB  |
| CS421     | Computer Peripherals and Interfacing | 3-0-0  | 6   | AB  |
| CS422     | Peripherals and Interfacing Lab      | 0-1-3  | 5   | AB  |
| CS423     | VLSI CAD                             | 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: 41.0 Credits Cleared: 41.0 CPI: 8.79 SPI: 9.54

### Semester8

| Sub. Code | Subject Name                             | L-T-P  | CRD | GRD |
|-----------|--|--------|-----|-----|
| CS453     | Wireless Sensor Networks                 | 3-0-0  | 6   | AB  |
| 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   | AB  |
| ME512     | Mobile Robotics                          | 3-0-0  | 6   | AB  |

Credits Taken: 40.0 Credits Cleared: 40.0 CPI: 8.88 SPI: 9.55

Date Generated: 03 Dec 2021 22:09:10

Assistant Registrar(Academic)