



# भारतीय प्रौद्योगिकी संस्थान पटना

## INDIAN INSTITUTE OF TECHNOLOGY PATNA



INTERIM TRANSCRIPT

TRANSCRIPT

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Roll No: 0401CS32  
Programme: Bachelor of Technology

Name: Birgit Rillet  
Course: CS

Year of Admission: 2004

### Semester1

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

Credits Taken: 49.0 Credits Cleared: 49.0 CPI: 6.61 SPI: 6.61

### Semester2

| Sub. Code | Subject Name                 | L-T-P | CRD | GRD |
|-----------|------------------------------|-------|-----|-----|
| CH102     | Chemistry - II               | 3-0-0 | 6   | CC  |
| CS101     | Introduction to Computing    | 3-0-0 | 6   | CC  |
| CS110     | Computing Laboratory         | 0-0-3 | 3   | CD  |
| EE102     | Basic Electronics Laboratory | 0-0-4 | 4   | CD  |
| MA102     | Mathematics - II             | 3-1-0 | 8   | CC  |
| ME101     | Engineering Mechanics        | 3-1-0 | 8   | CC  |
| ME110     | Workshop - I                 | 0-0-3 | 3   | BC  |
| PH102     | Physics - II                 | 2-1-0 | 6   | DD  |

Credits Taken: 44.0 Credits Cleared: 44.0 CPI: 6.15 SPI: 5.64

### Semester3

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

Credits Taken: 43.0 Credits Cleared: 43.0 CPI: 6.15 SPI: 6.14

### Semester4

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

Credits Taken: 47.0 Credits Cleared: 47.0 CPI: 6.09 SPI: 5.91

### Semester5

| Sub. Code | Subject Name                 | L-T-P | CRD | GRD |
|-----------|------------------------------|-------|-----|-----|
| CS301     | Formal Language and Automata | 3-0-0 | 6   | CC  |
| CS331     | Programming Language         | 3-0-2 | 8   | CD  |
| CS341     | Operating Systems            | 3-0-0 | 6   | CC  |
| CS342     | Operating Systems Laboratory | 0-1-3 | 5   | BC  |
| CS343     | Data Communications          | 3-0-0 | 6   | CC  |
| CS344     | Databases                    | 3-0-0 | 6   | CC  |
| CS345     | Databases Laboratory         | 0-1-3 | 5   | BB  |

Credits Taken: 42.0 Credits Cleared: 42.0 CPI: 6.1 SPI: 6.17

### Semester6

| Sub. Code | Subject Name             | L-T-P | CRD | GRD |
|-----------|--------------------------|-------|-----|-----|
| CS302     | Theory of Computation    | 3-0-0 | 6   | CC  |
| CS346     | Compilers                | 3-0-0 | 6   | CC  |
| CS347     | Compilers Laboratory     | 0-0-3 | 3   | BB  |
| CS348     | Computer Networks        | 3-0-2 | 8   | DD  |
| CS362     | Computer Graphics        | 3-0-2 | 8   | CD  |
| CS399     | Seminar                  | 0-0-3 | 3   | AB  |
| HS331     | Sociology of Development | 3-0-0 | 6   | BC  |

Credits Taken: 40.0 Credits Cleared: 40.0 CPI: 6.08 SPI: 5.92

### 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   | CD  |
| CS422     | Peripherals and Interfacing Lab      | 0-1-3  | 5   | BC  |
| CS443     | Distributed Systems                  | 3-0-0  | 6   | BB  |
| CS461     | Artificial Intelligence              | 3-0-0  | 6   | CC  |
| CS498     | Project - I                          | 0-0-10 | 10  | AB  |
| PH401     | Introduction to Nanomaterials        | 3-0-0  | 6   | BB  |

Credits Taken: 41.0 Credits Cleared: 41.0 CPI: 6.26 SPI: 7.44

### Semester8

| Sub. Code | Subject Name                             | L-T-P  | CRD | GRD |
|-----------|--|--------|-----|-----|
| CS452     | Internet Protocols                       | 3-0-0  | 6   | CC  |
| CS453     | Wireless Sensor Networks                 | 3-0-0  | 6   | BB  |
| CS499     | Project - II                             | 0-0-16 | 16  | BB  |
| HS441     | Industrial and Organizational Psychology | 3-0-0  | 6   | BC  |
| MA412     | Matrix Computation                       | 3-0-0  | 6   | BC  |

Credits Taken: 40.0 Credits Cleared: 40.0 CPI: 6.39 SPI: 7.4

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Assistant Registrar(Academic)