INTERIM TRANSCRIPT

# भारतीय प्रौद्योगिकी संस्थान पटना
# Indian Institute of Technology Patna
## Transcript

INTERIM TRANSCRIPT

Roll No. : 0501CS29 Name : Sibella Nevill Year of Admission : 2005

Programme : Bachelor of Technology Course : CS

### Semester 1

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

**Credits Taken : 49 Credits Cleared : 49 SPI : 7.9 CPI : 7.9**

### Semester 2

| 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 | BB |
| CS110 | Computing Laboratory | 0-0-3 | 3 | BB |
| EE102 | Basic Electronics Laboratory | 0-0-4 | 4 | BB |
| MA102 | Mathematics - II | 3-1-0 | 8 | CC |
| ME101 | Engineering Mechanics | 3-1-0 | 8 | CC |
| PH102 | Physics - II | 2-1-0 | 6 | BC |
| PH110 | Physics Laboratory | 0-0-3 | 3 | BC |

**Credits Taken : 44 Credits Cleared : 44 SPI : 7.07 CPI : 7.51**

### Semester 3

| 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 | BB |
| HS201 | Introductory Microeconomics | 3-0-0 | 6 | BB |
| MA201 | Mathematics - III | 3-1-0 | 8 | CC |

**Credits Taken : 43 Credits Cleared : 43 SPI : 7.56 CPI : 7.52**

### Semester 4

| 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 | CC |
| CS223 | Hardware Laboratory | 0-0-3 | 3 | BC |
| CS241 | Software Engineering | 2-0-3 | 7 | AB |
| CS242 | Systems Programming Laboratory | 0-1-3 | 5 | BC |
| HS202 | Introductory Macroeconomics | 3-0-0 | 6 | CC |
| MA225 | Probability Theory and Random Processes | 3-1-0 | 8 | BC |
| MA251 | Optimization Techniques | 3-0-0 | 6 | CD |

**Credits Taken : 47 Credits Cleared : 47 SPI : 7.04 CPI : 7.4**

### Semester 5

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

**Credits Taken : 42 Credits Cleared : 42 SPI : 7.31 CPI : 7.38**

### Semester 6

| Sub Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CS302 | Theory of Computation | 3-0-0 | 6 | BC |
| CS346 | Compilers | 3-0-0 | 6 | BC |
| CS347 | Compliers Laboratory | 0-0-3 | 3 | AB |
| CS348 | Computer Networks | 3-0-2 | 8 | CC |
| CS362 | Computer Graphics | 3-0-2 | 8 | BC |
| CS399 | Seminar | 0-0-3 | 3 | BB |
| HS311 | Diasporic Literature | 3-0-0 | 6 | CC |

**Credits Taken : 40 Credits Cleared : 40 SPI : 6.88 CPI : 7.31**

### Semester 7

| Sub Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CS400 | Summer Training | 0-0-0 | 2 | BB |
| CS421 | Computer Peripherals and Interfacing | 3-0-0 | 6 | BC |
| CS422 | Peripherals and Interfacing Lab | 0-1-3 | 5 | BC |
| CS423 | VLSI CAD | 3-0-0 | 6 | BC |
| CS461 | Artificial Intelligence | 3-0-0 | 6 | AB |
| CS498 | Project - I | 0-0-10 | 10 | AB |
| MA410 | Graphs, Groups and Network | 3-0-0 | 6 | BC |

**Credits Taken : 41 Credits Cleared : 41 SPI : 7.83 CPI : 7.38**

### Semester 8

| Sub Code | Subject Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CE442 | Industrial Waste Treatment and Management | 3-0-0 | 6 | CC |
| CS453 | Wireless Sensor Networks | 3-0-0 | 6 | BB |
| CS499 | Project - II | 0-0-16 | 16 | AB |
| CS502 | Pattern Recognition | 3-0-0 | 6 | BB |
| HS441 | Industrial and Organizational Psychology | 3-0-0 | 6 | CC |

**Credits Taken : 40 Credits Cleared : 40 SPI : 7.8 CPI : 7.42**

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**Assistant Registrar**