

# भारतीय प्रौद्योगिकी संस्थान पटना **INDIAN INSTITUTE OF TECHNOLOGY PATNA**



INTERIM TRANSCRIPT

## TRANSCRIPT

**Roll No:** 0401CS09 **Year of Admission:** 2004 Name: Chery Stephens

**Programme:** Btech Course: Computer Science and Technology

#### Semester 1

| Sub Code | Subject Name                         | L-T-P    | CRD | GRD |
|----------|--------------------------------------|----------|-----|-----|
| CH101    | Chemistry - I                        | 3/1/2000 | 8   | BC  |
| CH110    | Chemistry Laboratory                 | 0-0-3    | 3   | BB  |
| EE101    | Electrical Sciences                  | 3/1/2000 | 8   | CC  |
| HS101    | English: Language Through Literature | 3-0-0    | 6   | BB  |
| MA101    | Mathematics - I                      | 3/1/2000 | 8   | CC  |
| ME111    | Engineering Drawing                  | 2-0-3    | 7   | BC  |
| PH101    | Physics - I                          | 2/1/2000 | 6   | CC  |
| PH110    | Physics Laboratory                   | 0-0-3    | 3   | AB  |

Credits taken: 49 Credits cleared: 49 SPI: 6.86 CPI:6.86

## Semester 2

| 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   | CD  |
| CS110    | Computing Laboratory         | 0-0-3    | 3   | BC  |
| EE102    | Basic Electronics Laboratory | 0-0-4    | 4   | BC  |
| MA102    | Mathematics - II             | 3/1/2000 | 8   | BC  |
| ME101    | Engineering Mechanics        | 3/1/2000 | 8   | CD  |
| ME110    | Workshop - I                 | 0-0-3    | 3   | BB  |
| PH102    | Physics - II                 | 2/1/2000 | 6   | CD  |

Credits taken: 44 Credits cleared: 44 SPI: 6.02 CPI:6.44

## 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   | BC  |
| EE220    | Signal, System and Networks                     | 3/1/2000 | 8   | CC  |
| HS201    | Introductory Microeconomics                     | 3-0-0    | 6   | BC  |
| MA201    | Mathematics - III                               | 3/1/2000 | 8   | BC  |

Credits taken: 43 Credits cleared: 43 SPI: 7.09 CPI:6.66

#### Semester 4

| Sub Code | Subject Name                            | L-T-P    | CRD | GRD |
|----------|---|----------|-----|-----|
| CS204    | Algorithms                              | 3-0-0    | 6   | BB  |
| CS222    | Computer Organization and Architecture  | 3-0-0    | 6   | CD  |
| CS223    | Hardware Laboratory                     | 0-0-3    | 3   | BC  |
| CS241    | Software Engineering                    | 2-0-3    | 7   | BC  |
| CS242    | Systems Programming Laboratory          | 0-1-3    | 5   | AB  |
| HS211    | Literature: Voices and Culture          | 3-0-0    | 6   | BB  |
| MA225    | Probability Theory and Random Processes | 3/1/2000 | 8   | CC  |
| MA251    | Optimization Techniques                 | 3-0-0    | 6   | BC  |

Credits taken: 47 Credits cleared: 47 SPI: 7.04

## Semester 5

| 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   | BC  |
| CS341    | Operating Systems            | 3-0-0 | 6   | BB  |
| CS342    | Operating Systems Laboratory | 0-1-3 | 5   | BB  |
| CS343    | Data Communications          | 3-0-0 | 6   | BB  |
| CS344    | Databases                    | 3-0-0 | 6   | CC  |
| CS345    | Databases Laboratory         | 0-1-3 | 5   | BB  |

Credits taken: 42 Credits cleared: 42 SPI: 7.67 CPI:6.94

## 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   | BB  |
| CS347    | Compliers Laboratory     | 0-0-3 | 3   | AB  |
| CS348    | Computer Networks        | 3-0-2 | 8   | BC  |
| CS362    | Computer Graphics        | 3-0-2 | 8   | BC  |
| CS399    | Seminar                  | 0-0-3 | 3   | AB  |
| HS331    | Sociology of Development | 3-0-0 | 6   | BB  |

Credits taken: 40 Credits cleared: 40 SPI: 7.6 CPI:7.05

## Semester 7

| 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   | CC   |
| CS422    | Peripherals and Interfacing Lab                    | 0-1-3  | 5   | BB   |
| CS443    | Distributed Systems                                | 3-0-0  | 6   | BB   |
| 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   | AB   |
|          | CS400<br>CS421<br>CS422<br>CS443<br>CS461<br>CS498 | CS400 Summer Training CS421 Computer Peripherals and Interfacing CS422 Peripherals and Interfacing Lab CS443 Distributed Systems CS461 Artificial Intelligence CS498 Project - I | CS400         Summer Training         0-0-0           CS421         Computer Peripherals and Interfacing         3-0-0           CS422         Peripherals and Interfacing Lab         0-1-3           CS443         Distributed Systems         3-0-0           CS461         Artificial Intelligence         3-0-0           CS498         Project - I         0-0-10 | CS400         Summer Training         0-0-0         2           CS421         Computer Peripherals and Interfacing         3-0-0         6           CS422         Peripherals and Interfacing Lab         0-1-3         5           CS443         Distributed Systems         3-0-0         6           CS461         Artificial Intelligence         3-0-0         6           CS498         Project - I         0-0-10         10 |

CPI:7.22 Credits taken: 41 Credits cleared: 41 SPI: 8.29

# Semester 8

| 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   | AB  |
| MA412    | Matrix Computation                       | 3-0-0  | 6   | BC  |

Credits taken: 40 Credits cleared: 40 SPI: 7.7 CPI:7.28

| Date of Issue | Assistant Registrar(Academic) |
|---------------|-------------------------------|