**Roll No: 0401CS02**  **Name: Opaline Cristofol**  **Year of Admission: 2004**

**Programme: Bachelor of Technology**  **Course: Computer Science and Engineering**

**Semester 1**

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

**Total Credits: 49  Credits cleared: 49  SPI: 9.04  CPI: 9.04**

**Semester 2**

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

**Total Credits: 44  Credits cleared: 44  SPI: 8.57  CPI: 8.82**

**Semester 3**

| Sub | Course Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CS201 | Object Oriented Programming and Data Structures | 3-0-3 | 9 | BB |
| 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 | AB |
| HS201 | Introductory Microeconomics | 3-0-0 | 6 | AB |
| MA201 | Mathematics - III | 3-1-0 | 8 | AB |

**Total Credits: 43  Credits cleared: 43  SPI: 8.79  CPI: 8.81**

**Semester 4**

| Sub | Course Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CS204 | Algorithms | 3-0-0 | 6 | BB |
| CS222 | Computer Organization and Architecture | 3-0-0 | 6 | BB |
| CS223 | Hardware Laboratory | 0-0-3 | 3 | AA |
| 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 | AA |
| MA251 | Optimization Techniques | 3-0-0 | 6 | AB |

**Total Credits: 47  Credits cleared: 47  SPI: 8.98  CPI: 8.85**

**Semester 5**

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

**Total Credits: 42  Credits cleared: 42  SPI: 8.81  CPI: 8.84**

**Semester 6**

| Sub | Course Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CS302 | Theory of Computation | 3-0-0 | 6 | BB |
| CS346 | Compilers | 3-0-0 | 6 | AB |
| CS347 | Compliers Laboratory | 0-0-3 | 3 | AB |
| CS348 | Computer Networks | 3-0-2 | 8 | BB |
| CS362 | Computer Graphics | 3-0-2 | 8 | AB |
| CS399 | Seminar | 0-0-3 | 3 | AA |
| HS331 | Sociology of Development | 3-0-0 | 6 | BB |

**Total Credits: 40  Credits cleared: 40  SPI: 8.57  CPI: 8.8**

**Semester 7**

| Sub | Course 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 | AA |
| CS443 | Distributed Systems | 3-0-0 | 6 | AA |
| 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 |

**Total Credits: 41  Credits cleared: 41  SPI: 9.27  CPI: 8.87**

**Semester 8**

| Sub | Course Name | L-T-P | CRD | GRD |
|---|---|---|---|---|
| CS449 | Computer and Network Security | 3-0-0 | 6 | BB |
| CS453 | Wireless Sensor Networks | 3-0-0 | 6 | AB |
| CS499 | Project - II | 0-0-16 | 16 | AA |
| HS441 | Industrial and Organizational Psychology | 3-0-0 | 6 | BB |
| MA412 | Matrix Computation | 3-0-0 | 6 | BB |

**Total Credits: 40  Credits cleared: 40  SPI: 8.95  CPI: 8.88**