**Bachelor Program in Computer Application**

Sem – I

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| 1. Digital Electronics |
| 2. Business Systems & Applications |
| 3. Introduction to Programming |
| 4. Mathematics |
| 5. PC Software |

Sem – II

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| 1. Computer Architecture & System Software |
| 2. Information Systems Analysis & Design |
| 3. Computer Programming |
| 4. Mathematics |
| 5. English Language & Communication |

Sem – III

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| 1. Operating Systems |
| 2. Data Structure with C |
| 3. Graphics & Internet |
| 4. Mathematics for Computing |
| 5. Management & Accounting |

Sem – IV

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| 1. Data Base Management System |
| 2. Object Oriented Programming with C++ |
| 3. Software Project Management & Quality Assurance |
| 4. Statistics, Numerical Methods & Algorithms  5. Environment & Ecology |
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Sem – V

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| 1. Data Communication & Computer Networks |
| 2. Unix & Shell Programming |
| 3. Windows Programming |
| 4. Values & Ethics of Profession |
| 5. Human Computer Interaction |

Sem – VI

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| 1. Advanced Unix & Shell Programming |
| 2. Multimedia & E-commerce |
| 3. Intelligent Systems |
| 4. Image Processing |
| 5. Software Engineering |