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| Subject | Course Code |
| **1st Semester** | |
| Introduction to Information Technology | CSC109 |
| C Programming | CSC110 |
| Digital Logic | CSC111 |
| Mathematics I | MTH112 |
| Physics | PHY113 |
| **2nd Semester** | |
| Discrete Structure | CSC160 |
| Object Oriented Programming | CSC161 |
| Microprocessor | CSC162 |
| Mathematics II | MTH163 |
| Statistics I | STA164 |
| **3rd Semester** | |
| Data Structure and Algorithm | CSC206 |
| Numerical Method | CSC207 |
| Computer Architecture | CSC208 |
| Computer Graphics | CSC209 |
| Statistics II | STA210 |
| **4th Semester** | |
| Theory of Computation | CSC257 |
| Computer Networks | CSC258 |
| Operating Systems | CSC259 |
| Database Management System | CSC260 |
| Artificial Intelligence | CSC261 |
| **5th Semester** | |
| Design and Analysis of Algorithms | CSC314 |
| System Analysis and Design | CSC315 |
| Cryptography | CSC316 |
| Simulation and Modeling | CSC317 |
| Web Technology | CSC318 |
| Elective I |  |
| *List of Electives* | |
| Multimedia Computing | CSC319 |
| Wireless Networking | CSC320 |
| Image Processing | CSC321 |
| Knowledge Management | CSC322 |
| Society and Ethics in Information Technology | CSC323 |
| Microprocessor Based Design | CSC324 |
| **6th Semester** | |
| Software Engineering | CSC364 |
| Compiler Design and Construction | CSC365 |
| E-Governance | CSC366 |
| NET Centric Computing | CSC367 |
| Technical Writing | CSC368 |
| Elective II |  |
| *List of Electives* | |
| Applied Logic | CSC369 |
| E-Commerce | CSC370 |
| Automation and Robotics | CSC371 |
| Neural Networks | CSC372 |
| Computer Hardware Design | CSC373 |
| Cognitive Science | CSC374 |
| **7th Semester** | |
| Advanced Java Programming | CSC409 |
| Data Warehousing and Data Mining | CSC410 |
| Principles of Management | CSC411 |
| Project Work | CSC412 |
| Elective III |  |
| *List of Electives* | |
| Information Retrieval | CSC413 |
| Database Administrator | CSC414 |
| Software Project Management | CSC415 |
| Network Security | CSC416 |
| Digital System Design | CSC417 |
| International Marketing | MGT418 |
| **8th Semester** | |
| Advanced Database | CSC461 |
| Internship | CSC462 |
| Elective IV |  |
| Elective V |  |
| *List of Electives* | |
| Advanced Networking with IPv6 | CSC463 |
| Distributed Networking | CSC464 |
| Game Technology | CSC465 |
| Distributed and Object-Oriented Database | CSC466 |
| Introduction to Cloud Computing | CSC467 |
| Geographical Information System | CSC468 |
| Decision Support System and Expert System | CSC469 |
| Mobile Application Development | CSC470 |
| Real-Time Systems | CSC471 |
| Network and System Administration | CSC472 |
| Embedded Systems Programming | CSC473 |
| International Business Management | MGT474 |