

Bachelor of Science - IT (B.Sc. IT)

Intake Capacity: 60 Students

Candidate shall have passed H.S.C. examination of the Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent with Mathematics as-one of the subject and have secured not less than 45% marks in aggregate (40% marks in case of reserved category candidate) Students who have passed diploma in Computer Eng. / Computer Science / Computer Technology / IT / Electronic / Allied branches, diploma in Computer Eng. / Computer Science / Computer Technology will be eligible for direct admission to second year of B.Sc. IT. This Course shall be a full time course. The duration of the course will be SIX semesters spread over 3 years.

Course Details:

| First Year | |
|---|--|
| First Semester | Second Semester |
| 1. Professional Communication Skills | 1. web designing and Programming |
| 2. Applied Mathematics – I | 2. Applied Mathematics - II |
| 3. Fundamental of Digital Computing | 3. Microprocessor and Microcontrollers |
| 4. Electronics and Communication Technology | 4. Database Management Systems |
| 5. Introduction to C++ Programming | 5. Data Communication and Networking Standards |
| Second Year | |
| Third Semester | Fourth semester |
| 1. Logic and Discrete Mathematics | 1. Software Engineering |
| 2. Computer Graphics | 2. Multimedia |
| 3. Advanced SQL | 3. Java and Data Structures |
| 4. Object Oriented Programming with C++ | 4. Quantative Technologies |
| 5. Modern Operating Systems | 5. Embeded Systems |
| Third Year | |
| Fifth semester | Sixth Semester |
| 1. Network Security, | 1. Internet Technologies |
| 2. ASP .NET with C# Units | 2. Digital Signals and Systems |
| 3. Software Testing | 3. Data Warehousing |
| 4. Advanced Java | 4. Elective Subjects:(any one) a. IPR and Cyber Laws b. Project Management c. GIS |
| 5 Linux Administration | 5. Project |