

BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)

F.Y.B.SC (IT)

Semester I	Semester II
Programming Principles with C	Object Oriented Programming with C++
Digital Logic and Applications	Fundamentals of Micro Processor and Microcontrollers
Fundamentals of Database Management Systems	Web Applications Development
Computational Logic and Discrete Structure	Numerical Methods
Technical Communication Skills	Green IT

S.Y.B.Sc (IT)

Semester III	Semester IV
Python Programming	Core Java
Data Structures	Introduction to Embedded Systems
Computer Networks	Computer Oriented Statistical Techniques
Database Management Systems	Software Engineering
Applied Mathematics	Computer Graphics and Animation

T.Y.B.Sc (IT)

Semester V	Semester VI
Software Project Management	Software Quality Assurance
Internet of Thing	Security in Computing
Advanced Web Programming	Business Intelligence
Project Documentation	Project Implementation
Elective (Any one)	Elective (Any one)
Artificial Intelligence	Principles of geographic Information system
Linux System Administration	Enterprise Networking
Elective (Any one)	Elective (Any one)
Enterprise Java	IT Service Management
Next Generation Technologies	Cyber Laws

Subject likely to change as per University notification for the year 2023-24

Eligibility :

- A candidate for being eligible for admission to the degree course of Bachelor of Science-Information Technology, shall have passed XII standard examination of the Maharashtra Board of Higher Secondary Education or it's equivalent with Mathematic and Statistics as one of the subject and should have secured not less than 45% marks in aggregate for open category and 40% marks in aggregate in case of Reserved category candidates. (b) candidates who have passed Diploma (Three years after S.S.C. - Xth Std.) in Information Technology / Computer Technology / Computer Engineering / Computer Science / Electrical, Electronics and Video Engineering and Allied Branches / Mechanical and Allied Branches / Civil and Allied Branches are eligible for direct admission to the second Year of the B. Sc. (I. T.) degree course.
- Candidate who have passed Diploma (Three years after S. S. C. - Xth Std.) in Information Technology / Computer Technology / Computer Engineering / Computer Science / Electrical, Electronics and Video Engineering and Allied Branches / Mechanical and Allied Branches / Civil and Allied Branches are eligible for direct admission to the second year of the B. Sc. (I. T.) Degree Course. Three Years No. U.G./283 of 2007, dated 16th June 2007 - 125 - However, the Diploma should be recognized by the Board of Technical Education or any other recognized Government Body. Minimum marks required 45% aggregate for open category candidates and 40% aggregate for reserved category candidates.

OR

- Candidates with post HSC - Diploma in Information Technology / Computer Technology / Computer Engineering / Computer Science / and Allied Branches will be eligible for direct admission to the Second Year of B. Sc. (I. T.) However the Diploma should be recognized by the Board of Technical Education or any other recognized Government Body Minimum Marks required 45% aggregate for open category candidates and 40% aggregate for reserved category candidates.