



BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

B.Sc.(IT)

Eligibility for Admission

•A candidate for being eligible for admission to the degree course of B.Sc.(IT), shall have passed XII std. examination of the Maharashtra state board of secondary and higher secondary education or its equivalent with mathematics and statistics as one of the subjects and should have secured not less than 60% marks in aggregate for open category and 55% marks in aggregate in case of reserved category candidates.

•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 of are eligible for direct admission to the second year of the B.Sc.(IT) degree course.

a. No common entrance test will be conducted.

Admission will be on merit, based on order of preference as followed.

1. Marks in Mathematics and statistic at H.S.C or Equivalent
2. Aggregate marks at H.S.C (Std XII) or Equivalent.
3. Aggregate marks at S.S.C. (Std X)

b. 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 the B.Sc.(IT) degree course. However, the diploma should be recognized by the board of tech education or any other recognized govt. body. Minimum marks required 45% aggregate for open category candidates and 40% aggregate for reserved category candidates.

SCHEME OF EXAMINATION

Internal assessment 40

External assessment 60

Practicals

Each practical course is conducted out of 50 marks with 20 marks for internal and 30 marks for external.

Semester six has a project work that is evaluated for 200 marks.

Passing Standards

1. A student is said to have passed if he / she secures 40% of marks allotted in each head of passing. Theory of 60 marks and (TW / Practical / Tutorial of 40 marks) are treated as separate heads of passing.

2. A student is said to have passed Semester I if the student passes in all heads of passing of the semester.

3. A student is eligible to be admitted to Semester II irrespective of number. of heads of failure in the first semester.

4. A student is eligible for admission to Semester III if, either the student passes Semester I and II

OR

A student fails in not more than three courses with not more than total 200 marks in each of Sem-I & Sem-II

5. A student is eligible to be admitted to Semester IV irrespective of number of heads of failure in the third semester. However the student has to clear semester I and II in order to appear for Semester IV examination.

6. A student is eligible for admission to semester V if either the student passes semester III and IV

OR

A student has passed Sem-I & Sem-II and fails in not more than 3 courses with not more than total

200 marks in each of Sem-III & Sem-IV

7. A student is eligible to be admitted to VI semester irrespective of no. of heads of failure in the fifth semester. The results of VI will be kept in abeyance until the student clears III, IV and V semesters in full.

Class Awarded:

The class is awarded semester wise for Semesters I, II III and IV.

However, Semesters V and VI will be taken together for award of class i.e. In the final year.

* Distinction is awarded for 75% and above.

* First Class is awarded for 60% and above but below 75%.

* Second Class is awarded for 50% and above but below 60%.

* Pass Class is awarded for below 50%.

There will be one additional examination (for

semester I,II, III and IV) for those who have failed or remained absent. The absent students will be allowed to appear for the examination by the head of the institution after following the necessary procedure.

This examination will be held 20 days after the declaration of results but not later than 40 days.

The candidates who are repeaters at the B.Sc.(IT) examination shall be granted exemption from reappearing in team work, project and viva-voce if they have secured minimum marks required for passing in these heads at their previous examination





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SEM-I

1. Professional Communication skills
2. Applied Mathematics - I
3. Fundamentals of Information Technology
4. Electronics and Communication technology
5. Introduction to C++ programming

Semester IV

- P1. Software Engineering
- P2. Multimedia
- P3. Java and Data Structures
- P4. Quantitative Techniques
- P5. Embedded Systems

SEM-II

- Web Designing and Programming
Applied Mathematics - II
Microprocessor and microcontrollers
Database Management Systems
Data Communication and Networking Standards

T.Y.I.T Sem V

- P1. Network Security
- P2. ASP.net with C #
- P3. Software testing
- P4. Advanced Java
- P5. Linux Administration

S.Y.BSc Information Technology Revised syllabus (2011-12)

Semester III

- P1. Logic and Discrete Mathematics
- P2. Computer Graphics
- P3. Advanced SQL
- P4. Object Oriented Programming with C++
- P5. Modern Operating Systems

Sem VI

- P1. Internet Technologies
- P2. Digital Signals & Systems
- P3. Datawarehousing
- P4. Elective :
 1. IPR & Cyber Laws.
 2. Project Management
 3. GIS
- P5. Project Report
- P6. Project Viva-Voce

