

B. Sc. Computer Science (Partly Aided)

A three years integrated course leading to the degree of Bachelor of Science(B.Sc.) with Computer Science was introduced in the faculty of Science with effect from June, 2001.

- ❖ The Bachelor of Science (B.Sc.) with Computer Science Course will have the status as one of the subjects at the B.Sc. course.
- ❖ A student joining the B.Sc. course:
 - Can offer Computer Science along with two other subjects and the Foundation Course at F.Y.B.Sc.
 - Can offer Computer Science along with one other subject and the Foundation Course at S.Y.B.Sc.
 - Can offer the Computer Science and Applied Component papers at T.Y.B.Sc.
 - The Combination of Subjects will be decided by the College.
- ❖ The following are the salient points about the proposed syllabus arrived at after reviving the earlier proposal for the syllabus. The course structure with titles of structures in various papers is given below:

Foundation Course Group

(Consisting of two units)

- Elements of Social and Economic Life in India or History of Modern Civilization - 1 Unit
- Scientific Method, Science, Technology & Development - 1 Unit

F.Y.B.Sc. (Computer Science)

	Subject Title
Paper I	
Section I	Computer Organization
Section II	Introduction to Microprocessor and Computer Architecture
Paper II	
Section I	Algorithms & Programming in C

S.Y.B.Sc. (Computer Science)

	Subject Title
Paper I	
Section I	Discrete Mathematics
Section II	Computer Graphics
Paper II	
Section I	C++
Section II	JAVA

Paper III	
Section I	Data Base Management
Section II	Software Engineering

◀ T.Y.B.Sc. (Computer Science)

	Subject Title
Paper I	
Section I	System Software
Section II	Data Communication and Networking
Paper II	
Section I	Advanced JAVA
Section II	VISUAL C++
Paper III	
Section I	Operating System
Section II	UNIX
Paper IV	
Section I	Structured System Analysis and Design
Section II	Object Oriented Analysis and Design and Software Testing
Applied Component	Web Design and Technology and .NET Technology
Paper I	Principles of Web Design and Web Technology
Paper II	.NET Technology