

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)

No.	SEMESTER-I	No.	SEMESTER-II
1	Computer Organization and Design	1	Programming with C
2	Programming with Python- I	2	Programming with Python– II
3	Free and Open Source Software	3	Linux
4	Database Systems	4	Data Structures
5	Discrete Mathematics	5	Calculus
6	Descriptive Statistics and Introduction to Probability	6	Statistical Methods and Testing of Hypothesis
7	Soft Skills Development	7	Green Technologies

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

No.	SEMESTER-III	No.	SEMESTER-IV
1	Discrete Mathematics	1	Computer Graphics
2	C++ Programming	2	Java Programming
3	Database Management System's – I	3	Software Engineering

No.	SEMESTER-IV	No.	SEMESTER-VI
1	Data Communication, Networking & Security-I	1	Data Communication, Networking & Security-II
2	Advanced Java – I	2	Advanced Java - II
3	Operating Systems	3	Linux
4	Database Management System - II	4	Software Engineering
5	Principles of Web Design & Web Technologies – I	5	Principles of Web Design & Web Technologies – II