



# St. Edmund's College

## Department of Computer Science

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### About:

The **Department of Computer Science** came into existence on 1<sup>st</sup> June, 1992. Initially, it started with Pre-University classes and then offered B.Sc. (Comp. Sc.) Hons. from 1994. In 2010, the department started a B.C.A. (Hons.) program, catering to students from various streams. Over the years, the department has adapted to changes in the technological environment, in terms of infrastructure and human resource, and conducts programmes and activities that are student centric.



A course in Computer Science is centred on problem solving through methodical, critical and logical thinking. Coupled with Mathematics, the course will give you the tools to solve real-world problems. The applicability of Computer Science in almost all fields is enormous and a strong foundation in it is the key to success.

### Why choose B.Sc. (Computer Science) in SEC?

1

#### EXPERIENCED AND DEDICATED FACULTY

We're committed to provide you with the necessary knowledge and skill set needed for the course.

2

#### ACTIVITIES

Regular invited talks/seminars by distinguished speakers, student presentations, add-on programs etc.

3

#### CONSISTENTLY GOOD RESULTS

With over three decades of existence, we have maintained a good track record in the university exams.

### COURSE

A **B.Sc. (Comp. Sc.)** that focuses on core Computer Science papers of:

*Data Structures and Algorithms*  
*Operating Systems*  
*Computer Networks*  
*Database Management Systems*  
*Software Engineering*  
*Programming Languages*

Advanced Comp.Sc. papers have been added for good breadth and depth knowledge of the subject.

The **NEP 2020** emphasizes on interdisciplinary learning, so you can also explore opportunities beyond traditional computer science domains, such as combining it with other fields like mathematics, biology, healthcare, finance, agriculture, etc., to develop innovative solutions and create new opportunities.

### Opportunities in Comp. Sc.

- Software Development
- Data Science and Analytics
- Artificial Intelligence and Machine Learning
- Cybersecurity

Over the years, our students have found employment in the fields of software development and engineering, system and business analysis, governance, teaching and research.