



St. Xavier's College (Autonomous), Kolkata

Established in 1860

Autonomous College (2006), College with Potential for Excellence (2006)
College of Excellence (2014), College with a Special Heritage Status (2015)
A+ + College with 3.77 CGPA (2017)

M. Sc. in COMPUTER SCIENCE

Admission Notice 2019 - 2020

ELIGIBILITY CRITERIA

- Candidates who have cleared the B.Sc. in Computer Science or its equivalent like BIT/ BCA with a minimum of 55% marks in Honours (45% for reserved category).
- Candidates who have completed 2nd year or 5th Semester in 2018 and are awaiting final year / 6th semester Examination Results are also eligible to apply. Admission for such candidates will be provisional and be conditional to their passing the qualifying examination with the minimum required marks [55% for General and 45% for Reserved category].
- No candidate shall be eligible for admission after a lapse of more than five years from the year of passing the previous qualifying examination. The year of admission will not be taken into account while calculating five years from the year of passing the previous qualifying examination.

APPLICATION PROCEDURE

Online Application Forms	10th April to 17th May 2019
Admission Test	25th May 2019 from 10 am to 12 pm.

FORMAT OF ADMISSION TEST:

Full marks: 100

Time: 2 hours

MCQ Type - 30 questions of 2 marks each = 60 marks

Short descriptive type - 8 questions of 5 marks each = 40 marks

Questions based on B.Sc. Computer Science Honours/Major syllabus.

Syllabus:

- Introduction to Programming in C
- Digital System Design
- Computer Organization
- Data Structures
- DBMS
- Operating Systems
- Formal Languages & Automata Theory
- Systems Software
- Object Oriented Programming Concepts using C++
- Numerical Analysis
- Discrete Mathematical Structures
- Computer Graphics
- Microprocessor
- Software Engineering
- Design and Analysis of Algorithms
- Computer Architecture
- Web Technologies and Multimedia