



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 Physics

Admission Notice 2019 - 2020

ELIGIBILITY CRITERIA

- Candidates who have cleared the B.Sc Honours in Physics 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 & ADMISSION PROCEDURE

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

Admission Test Format:

Full Marks – 100

Time – 2 hours

Paper Structure –

1. Multiple Choice Questions (MCQ) – 16 x 5 marks
2. Analytical Long Qs. – 2 x 10 marks

Syllabus :

Model Syllabus of UGC or any other standard syllabus of Indian University for Physics Honours Course.

Topics : Mathematical Methods, Classical Mechanics, Special Theory of Relativity, Kinetic theory, Thermodynamics, Statistical Mechanics, Electromagnetism, Current electricity, Quantum Mechanics, Atomic and Molecular Physics, Solid State Physics, Electronics (digital and analog), Optics.