



ST. XAVIER'S COLLEGE (AUTONOMOUS)

Offers

Two-Year M.Sc. (Physics) Course

Application for Session : 2017-2018

The M.Sc. (Physics) Course with specialization in Astroparticle Physics/Solid State Electronics is offered by the Department of Physics of St. Xavier's College, Kolkata.

Eligibility

- Students who have cleared the B.Sc. Examination with Physics (Honours) with a minimum of **55% marks in Honours** (45% for reserved category).
- Students who have completed their 2nd year University Examination in 2016 and awaiting 3rd year examination results are also eligible. Admission for such candidates will be provisional and it will be finalized subject to passing the B. Sc. with a minimum of 55% marks in Honours.

There will be an **admission test** on July 17 at 2.30 P.M. The test will be of one hour duration and will be of 40 marks. MCQ type and some analytical questions will be set on the undergraduate course in physics on the following topics:

Mathematical Methods, Classical mechanics, Electrostatics, Electricity & Magnetism, Optics, Acoustics, Kinetic theory, Thermodynamics, Statistical mechanics, Quantum Mechanics, Special Relativity, Atomic Physics, Solid State Physics, Nuclear & Particle Physics, Electronics.

Course Fee: Initial payment of Rs. 41,500/- including admission, yearly and tuition fees for three months.

Scholarship, in the form of waiver of tuition fee, will be provided to one student on the basis of academic performance in the 1st and 2nd Semester examinations of the College.

APPLICATION PROCEDURE

Online Application forms are available on the college website - **www.sxccal.edu**

Dates for filling in the online application forms: 1st July, 2017 to 14th July, 2017, 12:30pm.

Date of Written Examination: 17th July, 2017 at 2:30 P.M.

Date of Selection List: 21st July, 2017 at 5:00 P.M.

Inauguration: 1st August, 2017