

5 Years BS-MS Program

IISER Kolkata offers a 5 year Bachelor of Science and Master of Science (BS-MS) Dual Degree Programme in synchrony with other IISERs.

In the first year, all students are introduced to basic sciences, viz., Biological, Chemical, Mathematical, Physical, and Earth Sciences, as well as Computer Programming and Humanities courses. The students select three pre-major subjects from the first five disciplines in the second year. In the third and fourth years, students study a major subject from the three pre-major subjects chosen in the second level and need to take interdisciplinary courses as electives. The fifth year is almost entirely devoted to full-time research/technical projects/specialized training in which the students need to prepare a dissertation.

At the end of the fifth year, both Bachelor's and Master's Degrees are awarded to successful students.



**Course:
5 Years BS-MS Program**

**Application Portal for this academic
year will open on 15 April, 2023**

**IISER Aptitude Test 2023 is scheduled
on 17 June, 2023**

**Please visit for more information
www.iiseradmission.in**



IISER KOLKATA

... towards excellence in science

**An Autonomous Institute
under the Ministry of Education, Govt. of India**

ABOUT US

Indian Institute of Science Education and Research (IISER) Kolkata is a premier science education and research institute, established in 2006 by the Ministry of Education (MoE), Government of India. The institute campus at Mohanpur is spread over 200 acres of sprawling lush green land in a pollution-free, healthy natural environment.

Currently, the institute has 998 BS-MS, 21 MS, 570 PhD, 27 IPhD students, 51 Post-doctoral fellows, and 129 faculty members in various disciplines with 92 non-teaching officers and staff members. The majority of PhD and IPhD students have been awarded fellowships from external funding agencies, such as INSPIRE, UGC, CSIR, PMRF, DBT, etc. The Institute presently also has 33 Prime Minister Research Fellows.

Our alumni are doing exceedingly well. Most of our BS-MS graduates have found their places in some of the world's best institutes Cambridge, Oxford, Harvard, Stanford, Cornell, Max-Planck Institutes, and premier research institutes in India. They have received prestigious scholarships/fellowships like the Rhodes, Fulbright, Commonwealth, Alexander von Humboldt among others.

ADMISSION PROCEDURES

Three ways of admission into IISERs.

- Kishore Vaigyanik Protsahan Yojana (KVPY) Channel
- Joint Entrance Examination (Advanced) of the Indian Institutes of Technology (IIT) Channel
- IISER Aptitude Test (IAT) Channel

A candidate can apply through any channel, provided they satisfy the overall and specific eligibility conditions for those channels.

OVERALL ELIGIBILITY CRITERIA

- Candidates must have passed the Class XII (or equivalent) with science stream in 2022 or 2023 from any board recognized by the Council of Boards of School Education in India (COBSE).
- Candidates must have taken at least three subjects out of Biology, Chemistry, Mathematics, and Physics, during their Class XII (or equivalent).
- Candidates should have scored a minimum of 60% marks in aggregate or equivalent grades in their Class XII (or equivalent). Candidates belonging to SC/ST/PwD should have scored a minimum of 55% marks in aggregate or equivalent grades in their Class XII (or equivalent).

IN-HOUSE FACILITIES

- **Hostel facility:** The Institute has three hostels inside the campus.
- **Library:** IISER Kolkata Library subscribes to Books & Journals and e-resources to support research, teaching, and study.
- **Computer Centre:** Computer Centre caters computational facility to its students.
- **Laboratories:** The laboratories at the Institute are equipped with State-of-the-art facilities.
- **Canteen Facility:** All students of IISER Kolkata would be able to avail of the mess facilities throughout the year.
- **Mind Care & Wellness Centre:** The in-house MCWC is grounded on the simple philosophy of respect and honour, towards the student community's physical and mental well-being.
- **Medical Facility:** Students are covered with medical facilities.
- **Swimming Pool & Gym:** Students have access to a modern equipped gym and well-maintained swimming pool.
- **Placement Cell:** Students are guided through the placement cell and have been recruited by renowned organisations nationally & internationally.

SCHOLARSHIP

It is gratifying to note that large number of BS-MS students have been awarded with various fellowships from Central Government Agencies; such as INSPIRE, KVPY, JKPMSS, NSP, ISHAN UDAY, and also from State Governments.