

Indian Institute of Science Education and Research Kolkata and Pune

(Autonomous institutes under Ministry of Human Resource Development, Government of India)

Admission to 5-year Integrated Master of Science Programme

Introduction

The Central Government has decided to create two new Institutions devoted to science education and research to be named **Indian Institute of Science Education and Research (IISER)** and located in Kolkata and Pune. IISER is a unique initiative in science education in India. IISER will be research universities of the highest caliber in which teaching and education will be totally integrated with the state-of-the-art research and will nurture both, curiosity and creativity. IISER will be devoted to teaching of integrated Masters and post-bachelors and post-Masters Ph.D. programmes in integrative sciences in an intellectually vibrant atmosphere of research. One of the objectives of IISER is to make education and career in basic sciences more attractive by providing opportunities in integrated learning of sciences and break the barriers of traditional disciplines. Therefore, IISER will promote a flexible and borderless curriculum in all disciplines of basic sciences. Consequently, all students of the integrated Master's programme will be required to take courses in Mathematics, Physics, Chemistry and Biology for the first two years of the curriculum. Apart from class room instructions, IISER will promote the skills of students in areas such as scientific inquiry, problem solving, communication skills, computational sciences, electronics and instrumentation, workshop and glass blowing practices. IISER proposes to create advance teaching and research laboratories where students will have an opportunity to pursue laboratory experiment as well as advanced research under the mentorship of world class faculties. The academic programme will be divided into semesters. Students will have the choice of courses for specialization in one or more disciplines of basic sciences based on a flexible credit system.

The Academic programme of IISER will commence in August 2006.

Fellowships

Students will be provided with fellowship on merit basis.

Admissions

The academic programme of IISER will be started in phases. It is proposed to open admission to five year integrated Master of Science programme in 2006. Reservations for SC/ST/PH candidates are as per Government of India norms.

The admission process will consist of an interview and counseling.

Eligibility

Candidates for the interview will be drawn from the IIT JEE 2006 Merit list.

How to apply

Candidates appearing in IIT JEE 2006 and willing to be considered for admission to the integrated Master of Science programme of IISER may apply on plain paper along with a photocopy of the admit card of the IIT JEE 2006 to the Project Director IISER, C/o Office of the Director, Indian Institute of Technology, Kharagpur 721 302. **The application should reach by April 30, 2006.** Short listed candidates will be called for interview and counseling at the end of June 2006. Details about date and venue of the interview and counseling will also be notified in national newspapers and IISER website.

**Project Directors IISER
Kolkata & Pune**