



INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

(An Autonomous Institute of the Department of Science & Technology,
Government of India)

JADAVPUR, KOLKATA 700032

Announces Admission to its Integrated Bachelor's-Master's and Master's/Integrated Master's-PhD Program in Science - 2018

Indian Association for the Cultivation of Science (IACS) is the oldest science research institute of its kind in India. Since its inception in 1876, IACS has been conducting research in fundamental sciences at the highest level. IACS is the only institution of India which has earned the Asia's first and the country's only Nobel Prize in Science on the basis of the work done here. The Institute has one of the best state-of-the-art instrumentation pool, high-end computing facilities and a modern library among other necessary infrastructure. IACS has recently been conferred a Deemed University status under the *de novo* category for offering degrees in emerging areas of basic and applied sciences vide notification No. F.9-7.2017-U.3(A) by the Ministry of Human Resource Development, Government of India. IACS hereby announces launching of its maiden Integrated Bachelor's & Master's Program and Master's/Integrated Master's-PhD programs in various areas of Science.

Admission to the Integrated Bachelor's-Master's Program in Science - 2018

From the session 2018-2019, IACS is launching a *de novo* five year Integrated Bachelor's and Master's Program in Science for highly motivated students who have passed (10+2) level in science stream. The objective of this program is to provide high-quality education, research, and training in science, where undergraduate teaching will be integrated with modern research in all major Schools of Science. The first four semesters (two years) of the program will comprise foundational courses from among Physics, Chemistry, Mathematics and Biological Sciences, the third and fourth years will focus on chosen science subjects as majors, and the fifth year will focus on research project.

Applications are invited from bright and motivated Indian nationals for admission to the Integrated Bachelor's and Master's Program in Science-2018 to be conducted by IACS beginning from August 2018. Candidates qualified in 10+2 board examination in

2018 with a minimum 60% marks/first division or equivalent grade (pass division for reserved category students) in both 10 & 10+2 levels are eligible to apply for admission to this Program. Those who have appeared in the 10+2 board examination may also apply but their final selection will be subject to securing the required percentage of marks in the qualifying examination. Recipients of National Fellowships like KVPY, and INSPIRE may be given due consideration. The shortlisted candidates will be called for interview, out of which a maximum of forty (40) candidates will be selected for the Program as will be declared in IACS website. Admitted students entering into the fourth year may be eligible to receive monthly stipend, following the institute norms.

Admission to the Master's/Integrated Master's-PhD Program in Science - 2018

Applications are invited from highly motivated Indian nationals for admission to the Master's/Integrated Master's-PhD Program in the Schools of Chemical Sciences, Physical Sciences, Materials Sciences, Mathematical & Computational Sciences, Applied & Interdisciplinary Sciences for the session beginning from August 2018. Candidates having Bachelor's degree in Science or Engineering with a minimum first division in both 10 & 10+2 levels and a minimum first class (60% marks or equivalent) in Bachelor's degree are eligible to apply (55% marks or equivalent in 10, 10+2 levels and Bachelor's degree for the reserved category candidates). Candidates having Engineering background and opting for the School of Mathematical & Computational Sciences should have adequate training in Mathematical and Computational Methods. Eligible applicants will be required to appear for a written screening test based on multiple choice questions on the subject depending upon the choice of School. Candidates shortlisted on the basis of the written test will be called for interview, out of which a maximum of thirty (30) candidates will be selected for admission in each of the Schools. However, the final number of selected students for admission in a given year will be decided by each School. Admitted students may be eligible to receive a stipend of Rs. 12,000/- p.m. (fixed) for the first two years. On successful completion of the Master's course, the students satisfying criteria to be prescribed by the Institute will be considered for admission to the PhD program as Integrated Master's-PhD students, to whom Junior Research Fellowship will be awarded as per the prevailing norms, provided they meet the criteria of national eligibility.

For Application Form, Fee Structure, Curricula and other relevant details, please check the website <http://www.iacs.res.in>.