



INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

Deemed to be University under de novo category

(under Section 3 of UGC Act, 1956)

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

JADAVPUR, KOLKATA 700032

Admission to its Integrated Bachelor's-Master's Program in Science and Master's/Integrated Master's-Ph.D. Program in Science - 2022 and Ph.D. Program in Autumn Semester of 2022

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 from India. IACS has 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) dated 26th May 2018 by the Ministry of the Human Resource Development, Government of India. IACS is running its



Integrated Bachelor's and Master's Program in Science and Master's /Integrated Master's-Ph.D. programs in various areas of science along with regular Full-time Ph.D. Program under the different Schools, namely, School of Applied & Interdisciplinary Sciences, School of Biological Sciences, School of Chemical Sciences, School of Materials Sciences, School of Mathematical & Computational Sciences, and School of Physical Sciences.

Admission to the Integrated Bachelor's-Master's Program in Science - 2022

IACS is conducting a de novo five-year Integrated Bachelor's and Master's Program in Science for highly motivated students who have passed (10+2) level Examination in science stream. The objective of this program is to provide high-quality education, research, and training in science. Through this special program, undergraduate teaching is integrated with modern research in all major Schools of the Institute. The first three semesters of the program will comprise foundational courses in Physics, Chemistry, Mathematics, Computer Science and Biological Sciences. From the fourth semester onwards, the students will choose one discipline (from Physics, Chemistry, Biological Science, Mathematics and Computer Science) as majors, subject to fulfilling eligibility criteria and availability of seats in the respective Schools. From the seventh semester the students will be directly exposed to research.

Applications are invited from bright and motivated Indian nationals for admission to the Integrated Bachelor's and Master's Program in Science-2022 likely to begin from August 16, 2022. The applicants who are due to complete their 10+2 level Board Examinations are eligible to appear in a UG Pre-Interview Screening Test (UPST). UPST-2022 will be conducted in a fully computer-based test mode tentatively on July 02, 2022 in various cities across India based on multiple choice questions in Physics, Chemistry, Mathematics and one out of Computer Science and Biological Science. The shortlisted candidates will be called for interview, out of which a maximum of fifty (50) candidates will be selected for the Program as will be declared in IACS website. The selection will be based on the performance in UPST followed by interview, and subject to obtaining 60% marks (reservation criteria will apply as per rules) in the qualifying board (10+2) examination. In addition, KVPY Fellows may be eligible for direct interview, depending on their rank and other screening criteria; however, the number of candidates selected through this route will be a maximum of ten (10). Admitted students entering into the fourth year may be eligible to receive monthly stipend, following the institute norms. Admission under the reserved categories, including EWS will be as per rule.

Admission to the Master's/Integrated Master's-Ph.D. Program in Science - 2022

Applications are invited from highly motivated Indian nationals for admission to the Master's/Integrated Master's-Ph.D. Program in the Schools of Chemical Sciences, Physical Sciences, Materials Sciences, Mathematical & Computational Sciences, Applied & Interdisciplinary Sciences for the session likely to begin from August 16, 2022. Candidates who are due to complete their Bachelor's level University Examinations are eligible to apply but their final selection will be subject to securing 60% marks (reservation criteria will apply as per rules) in the qualifying examination. Candidates having Engineering background and opting for School of Mathematical & Computational Sciences should have adequate training in Mathematics and Computer Science. Eligible applicants will be required to appear for a Master's Pre-Interview Screening Test (MPST). MPST-2022 will be conducted in a fully computer-based test mode on tentatively on July 02, 2022 in various cities across India 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 twenty (20) candidates will be selected for admission in each of the Schools. Actual intake in a particular school will depend of the performance of the candidates in MPST and interview. Admitted students may be eligible to receive a stipend of Rs. 12,000/- p.m. (fixed) for the first two years, provided that they fulfill the prescribed CGPA and other criteria in the final examination of their first semester. 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 Ph.D. program as Integrated Master's-Ph.D. students, to whom Junior Research Fellowship will be awarded as per the prevailing norms, provided they meet the criteria of national eligibility. Admission under the reserved categories, including EWS will be as per rule. Applications for Integrated Bachelor's-Master's and Master's/Integrated Master's-Ph.D. Program are to be made online. The online application portal will be live tentatively in the second week of May 2022. There is a non-refundable application fee of Rs. 1200 (Rs. 600 for SC/ST and PD candidates only).

For information on the date of opening/closing for applications, Application Form, Fee Structure, Curriculum and other relevant details, please check the website <http://www.iacs.res.in>

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