



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 - 2019
and Ph.D. Program in Autumn Semester of 2019

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 to be 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 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 Biological Sciences, School of Chemical Sciences, School of Physical Sciences, School of Applied & Interdisciplinary Sciences, School of Materials Sciences and School of Mathematical & Computational Sciences.

Admission to the Integrated Bachelor's- Master's Program in Science - 2019

IACS is conducting a *de novo* five year Integrated Bachelor's-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 Science. The first three semesters of the program will comprise foundational courses in Physics, Chemistry, Mathematics, Biological Sciences and Computer Science. From the fourth semester onward the focus will be on chosen subjects (Physics, Chemistry, Biological Science, Mathematics and Computer Science) as majors, subject to fulfilling eligibility criteria and from ninth 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-Master's Program in Science-2019 to be conducted by IACS likely to begin from July 22, 2019. Candidates qualified in 10+2 board examination in 2019 with a minimum first division (60% marks or equivalent grade) in both 10 & 10+2 level exams are eligible to apply for admission to this Program (55% marks or equivalent

in 10, 10+2 levels for the reserved category candidates). 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. Eligible applicants will be required to appear in a UG Pre-Interview Screening Test (UPST). UPST-2019 will be conducted in a fully computer-based test mode on June 28, 2019 in various cities across India based on multiple choice questions in Physics, Chemistry, Mathematics and one out of Computer Science or Biological Science. The UPST will be of a standard equivalent to All India Entrance Tests at 10+2 level. 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. Students securing a JEE Mains 2019 or NEET 2019 rank up to top 10000 may be eligible for direct interview, depending on their rank and other screening criteria. 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 - 2019

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 July 22, 2019. 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). Those who have appeared in the Final Bachelor's degree examination may also apply but their final selection will be subject to securing the required percentage of marks in the qualifying examination. Candidates having Engineering background and opting for School of Mathematical & Computational Sciences should have adequate training in Mathematical, Computer and Computational Methods. Eligible applicants will be required to appear for a Master's Pre-Interview Screening Test (MPST). MPST-2019 will be conducted in a fully computer-based test mode on June 28, 2019 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 thirty (30) candidates will be selected for admission in each of the Schools. However, the final number of selected students for admission 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, provided that from the first end-semester examination, they fulfill the prescribed CGPA and other criteria. 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.

Admission to Ph.D. Program in Autumn Semester of 2019

Applications are invited from highly motivated Indian Nationals having strong flair in research obtaining 55% or equivalent in Master's (50% for the reserved category) and qualified in UGC-NET/CSIR-NET/GATE/JEST/equivalent national level examination in the prescribed form available in the website www.iacs.res.in for admission to the Regular Ph.D. Program in the Autumn Semester of 2019 (Announcement for Admission in the

Spring Session is likely to be made around September-October, 2019 in the IACS website) under different Schools of IACS. The Academic Session for the said Program is likely to commence from July 22, 2019. Selection will be done on the basis of their academic record, their performance in UGC-NET/UGC-CSIR-NET/GATE/JEST/equivalent national level examination and finally, their performance in the written test and/or interview (as decided by the respective schools). Only candidates, shortlisted after initial screening of the received applications, will be communicated via email and called for a written test and/or interview. IACS holds full right of choosing a candidate and even not selecting any, in case suitable applications are not received/met.

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 around April 20, 2019. There is a non-refundable application fee of Rs. 1200 (Rs. 600 for SC/ST and PWD 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>.