

for IASST Web site for online submission only



INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY
(An Autonomous Institute under Department of Science and Technology, Govt. of India)
Paschim Boragaon, Garchuk, Guwahati- 781035

Advertisement No.-212

Date:17/10/2019

Admission into Regular PhD programme of IASST with fellowship

The Institute of Advanced Study in Science and Technology (IASST), Guwahati is an autonomous R&D Institute under the Department of Science and Technology, Govt. of India. The Institute is engaged in frontier areas of research in the specific domain of Physical, Chemical, Mathematical and Biological Sciences. The Institute's aim is to contribute to basic sciences and develop technology using local resources through strong interdisciplinary research approach across different divisions. Institute is equipped with modern and sophisticated instrumentation including SEM, XRD, LCMS-MS, AFM, DNA Sequencer and computational facility for cutting edge scientific research. Ph.D. program of IASST is affiliated to Gauhati University, Cotton University and Deakin University. Process of affiliation with Tezpur University is underway.

The Institute invites applications against the following vacancies for admission into the Ph.D. program for the year 2019-20.

Sl. No.	Area of Research	Basic Qualification
1	Natural product Chemistry, Medicinal Chemistry, Chemical Biology	M.Sc. in Chemistry/Biotechnology/ M.Pharm in Pharmacology
2	Environmental Chemistry and pollution	M. Sc in Chemistry
3	Microbial Biotechnology and Molecular biology	M. Sc in Biological Sciences
4	Statistics (Epidemiology), Computer Science (Image processing)	MSc in Statistics, M.Sc./M Tech in Computer Science
5	Condensed Matter Physics/ Soft Matter Physics/ Plasma Physics	M. Sc. in Physics
6	Development of model for Brahmaputra Basin Flood Forecasting	M.Sc in Physics with high grades. Expertise in computational physics and fluid mechanics is desirable.

Eligibility: Candidates shall be eligible to apply for admission and registration within the ongoing program of research at IASST leading to the degree of Doctor of Philosophy (Ph.D.), if he/she has obtained 55% marks in aggregate (Equivalent CGPA in 10-point scale) in the master's degree examination. A candidate belonging

to SC/ST who has obtained 50% marks in aggregate in master degree examination shall also eligible to apply.

Age Limits (as on date of interview): Upper age limit is 30 years. Age relaxation for SC/ST/OBC/Women candidates as per the Government Norms.

Application Procedure: Interested candidate should apply through online only (www.iasst.gov.in) within **fifteen days** of publication of the advertisement. Incomplete applications and those received after the closing date will not be entertained.

No TA/DA will be provided to the candidate for appearing the entrance and interview.

Selection Procedure: Selection will be based on the performance in the entrance test as well as in the interview. The expected dates of Entrance test followed by the interview will be displayed in website/communicated to selected candidates. List of applicants selected to appear in the entrance test will be uploaded in the IASST website. The decisions of the admission committee will be final and binding and no correspondence will be entertained in this regard. Results of written test and interview will be available in IASST website and all correspondence must be done through the email **registrar@iasst.gov.in**.

Candidates who hold fellowship from different funding agencies after clearing CSIR-UGC-NET/DBT-JRF/ICMR-JRF/ICAR-JRF examination need not appear for the written test but have to appear in the interview for final selection. These candidates shall also express their research interest in the form of an essay of 10 sentences on the topic of their choice within the broad research programmes of IASST.

Fellowship/Financial support for regular PhD programme of IASST:

Selected candidates will be required to join the Ph.D. program of IASST within a week's time from the date of announcement of result. The selected candidates shall be eligible for a monthly stipend and annual contingency as per the recent circular of DST, Govt. of India on fellowship for PhD. Subject to availability, selected candidates will be provided single room, well-furnished accommodation in the Dorothy Hodgkin Student and Scientists Home as per the Institute's rule. Candidates are requested to visit the Institute's website for updated details time to time.

The Institute reserves the right either to increase or decrease number of intake of PhD JRF depending up on the performance of the candidates to be evaluated by penal of expert members.

Registrar, IASST