



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.544

Date: 16.07.2025

Rolling Advertisement for admission under JRF programme of IASST for candidates with valid National Research 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 Sciences, Life Sciences, and in Interdisciplinary research area. 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 TEM, SEM, XRD, LCMS-MS, AFM, DNA Sequencer and computational facility for cutting edge scientific research. Ph.D. program of IASST is affiliated to Academy of Scientific & Innovative Research (AcSIR).

The Institute invites applications under the following research areas for admission as JRF of IASST, Guwahati on rolling basis with valid national research fellowship (CSIR/UGC/DBT/ICMR –JRF).

1.Life Sciences Division – Probiotics, gut microbiome, healthy Ageing/ Pharmacology and Drug Discovery/ Microbial bioactive metabolites against multi drug resistant bacteria/Plant microbe interactions (microbial bioformulation for plant growth promotion, disease & pest biocontrol)/ Infectious diseases, Quorum sensing, Bacterial biofilm, and Drug discovery against antimicrobial resistance/ Traditional and Modern Drug Discovery and Disease Diagnosis/Applied Microbiology and Bio-medicine

2.Physical Sciences Division - Advanced Material Sciences/Experimental Condensed Matter Physics/ Computational Condensed Matter Physics / Soft Matter Physics/ Plasma Physics/ Biophysics/Nanoscience and

Technology/Mathematical and Computational Science/ Green Hydrogen Energy/Water splitting/ Physical Chemistry/ Hydrodynamics, Applied Mathematics

3. Interdisciplinary Research Centre- Healthcare/ Climate change and environment/Energy/ Advanced Materials/Food Security and Sustainable Agriculture

Eligibility Criteria: Candidates with valid National Research Fellowship shall be eligible to apply for admission and registration within the ongoing program of research at IASST, 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 be eligible to apply.

Age Limits: Upper age limit is 28 years. Age relaxation as per the GOI Norms.

Application Submission Deadline: This is a rolling advertisement. Applications will be accepted throughout the year.

Application Procedure: Interested candidate should apply through online only (www.iasst.gov.in). Incomplete applications will not be entertained.

Shortlisting and Selection Procedure: The candidate will be shortlisted until the positions are filled. The screening committee will sit as and when required to shortlist candidates for the vacant position/positions.

Selection will be based on the performance in the interview(online/offline). The expected dates of interview will be displayed in website/communicated to selected candidates through email. No TA/DA will be provided to the candidate for appearing the interview.

The decisions of the admission committee will be final and binding and no correspondence will be entertained in this regard.

Results of interview will be available in IASST website and all correspondence must be done through the email to registrar@iasst.gov.in/registrar-off@iasst.gov.in. Selected candidates, after joining, as per IASST rule, will be eligible to apply for PhD registration in AcSIR under which the supervisor is affiliated.

Fellowship/Financial support for JRF: Selected candidates will be required to activate their CSIR/UGC-JRF after joining at IASST as admissible. Subject to availability of seat, selected candidates will be provided 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.

IASST's Right: If suitable candidates are not found in any discipline, IASST reserves the right not to fill up its JRF position.

Registrar, IASST