



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

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Advertisement for project dissertation/training at IASST, Guwahati

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 Life 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.

The Institute invites applications against the available vacancies for project dissertation/training (6 months initially, which may be extended for another 6 months subject to satisfactory progress in the project) for the year 2021 in the following areas:

1. Drug discovery/Phytochemical analysis/ Pharmaceutical Sciences.
2. Nanoscience/Nanotechnology/Bionanotechnology/ Polymer Chemistry
3. Plasma Physics (gas discharge), waves and optics (spectroscopy)
4. Advanced Material Sciences
5. Zoology (Cell & molecular biology, Cell signalling)/ Biochemistry/ Environmental chemistry (chemo-bio treatment of contaminated sites)
6. Organic Chemistry
7. Amyloidogenesis/Neurodegeneration/Biomaterials
8. Artificial intelligence (Machine learning /Deep learning)
9. Mathematics/Hydrodynamics/Hydroelasticity

Eligibility: Candidates pursuing

- i. M.Sc. in Biochemistry/ Biotechnology/ Molecular Biology/ Zoology/ Chemistry/ Nanoscience/ Nanotechnology.
- ii. M. Pharm/ M.S. Pharm.
- iii. M.Sc. Physics/ Electronics/ Instrumentation.
- iv. M.Sc Computer Sc/IT/Computer Applications or BE/B.Tech in Computer Sc/IT/Electronics & Telecommunication Engineering.
- v. M.Sc. in Mathematics/ Applied Mathematics/ Mathematics & Computing.

Application Procedure: Interested candidate should apply online in the institute website (www.iasst.gov.in) **within 10 days** from the date of publication of the advertisement. Incomplete applications and those received after the closing date will not be entertained. Candidates should submit a No Objection Certificate from the parent institute during online application submission. Those who are unable to submit NOC (due to COVID-19 pandemic) during application process should upload a self declaration certificate. NOC submission is compulsory before joining the dissertation/training at IASST.

Selection Procedure: Selection will be based on the merit (or via online interview) and selected candidates list will be uploaded in the IASST website. The decisions of the admission committee will be final and no correspondence will be entertained in this regard.

Internship/ dissertation/training fee:

Candidates selected for project dissertation/training will have to pay fee of Rs. 2500 per month towards laboratory/chemical/equipment handling cost.

Accommodation: Accommodation will not be provided to any student in the institute hostel.

The programme will tentatively start from August 2021.

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

Registrar, IASST

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