



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. 416

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Advertisement for internship/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 (2023-2024) for short term summer internship (2 months) and project dissertation/training (6 months) in the following areas:

Subject area	Eligibility criteria
Phytopharmaceuticals for metabolic syndrome/ Pharmaceutical Sciences/ Molecular Pharmacology/ Ethnopharmacology/ Drug Discovery/ Snake venom Biochemistry	Candidate pursuing M.Sc./B.Tech in Microbiology/ Biochemistry/ Biotechnology/ Molecular Biology/ Zoology (Cell Biology)/ Life Science Or M. Pharm/ M.S. Pharm/ M. Tech Pharma
Plant-microbe interaction/ Microbial bioactive metabolites	Candidate pursuing M.Sc. in Botany (microbiology specialization)/ Microbiology/ Biotechnology
Probiotics & Human Microbiome	Candidate pursuing B.Sc./M.Sc. in Life Science/ Zoology/ Microbiology/ Biochemistry/ Biotechnology/ Molecular Biology
Nanoscience/ Nanotechnology/ Polyelectrolytes/ Nanocomposites/ bio-chemical sensors	Candidate pursuing M.Sc. in Physics/ Chemistry/ Biotechnology/ Nanoscience/ Nanotechnology
Plasma Physics/ Condensed Matter Physics/ Material Science/ Material Chemistry/ Soft Matter Physics	Candidate pursuing B.Tech/M.Tech/ M.Sc. in Physics/ Chemistry/ Material Science & Engineering/ Chemical Engineering/ Electronics/ Electrical engineering/ Botany
Biophysics/ Plasma radiation application	Candidate pursuing M.Sc. in Biophysics/

to biology	Chemistry/ Physics M.Tech in Biotechnology/ Medical Devices/ Pharmacy
Chemo-Bio treatment for contaminated water and soils	Candidate pursuing M.Sc. in Chemistry/ Biotechnology
Application of Artificial Intelligence	Candidate pursuing BE/B.Tech/MTech/ MCA/ MSc Computer Science and IT, and allied subjects like EEE etc.
Mathematics/Applied Mathematics/Statistics/ Hydrodynamics	Candidate pursuing M.Sc./ M Tech in Mathematics/ Applied Maths/ Statistics/ Mathematics & Computing

Application Procedure: Interested candidate should apply online in the institute website (www.iasst.gov.in) **within 15 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 during application process should upload a self declaration certificate. NOC submission is compulsory before joining the internship/ dissertation/training at IASST.

Selection Procedure: Selection will be based on the merit (**based on last semester marks**) 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:

1. Candidates selected for project dissertation/training will have to pay non-refundable fee of Rs. 2500 per month towards laboratory/chemical/equipment handling cost.
2. Candidates selected for internship will not be charged any fee.

Accommodation: Accommodation in institute Dormitory is subject to its availability during joining date. Preference will be given to students from outside Guwahati.

The internship programme will start from June 2023 and dissertation/training from July 2023.

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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