



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 internship/ training & project dissertation 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 TEM, SEM, XRD, LCMS-MS, AFM, DNA Sequencer and computational facility for cutting edge scientific research.

The Institute invites applications against the available vacancies (2025-2026) for short-term summer internship/training (2 months) and project dissertation (6 months) in the following areas:

Subject area	Eligibility criteria
Material Science / Nanoscience and Nanotechnology	Pursuing B.Sc/BS/M.Sc/MS in Material Science/Physics/ Chemistry/ Nanoscience and Nanotechnology
Probiotics	Pursuing Biotechnology, microbiology or pharmacology
Condensed Matter Physics/Materials Science	Pursuing B.Sc.(Physics)/M.Sc. (Physics/ Materials Science)
Epidemiology, Biostatistics	Pursuing M.Sc in Statistics/ BioStatistics/ Data Sciences
Materials Science/Soft condensed matter/Nanoscience	Pursuing B.Sc. (Physics/Materials Science/ Nanoscience/Polymer Science) or M.Sc.(Physics/Materials Science/Nanoscience/Polymer Science)

Condensed Matter Physics/Materials Science	Pursuing M.Sc. (Physics)
Microbial bioactive metabolites against drug-resistant pathogens & plant-microbe interactions	"Pursuing For dissertation: Pursuing M.Sc. in Microbiology, Biotechnology, or any related branch of Life Sciences. For Trainee: Pursuing B.Sc. in Botany (specialization in Microbiology), Microbiology, Biotechnology."
Nanoscience, Materials Science, Condensed Matter Physics (High entropy and layered nanomaterials for Renewable Energy)	Pursuing B.Sc., M.Sc., M.Tech. in Physics/Chemistry/Materials Science/Nanoscience/Chemical Engineering
Applied Microbiology and Biomedicine	Pursuing MSc/B.Tech/B.Pharm/M.Pharm/M.Tech/M.S. in any branch of Life Sciences.
Pharmacology and Drug Discovery	Pursuing MSc/B.Tech/B.Pharm /M.Pharm/M.Tech/M.S. in any branch of Life Sciences.
Hydrodynamics and applied mathematics	Pursuing BSc./MSc/B.Tech/ M.Tech/M.S. in Mathematics, Maths & Computing, applied mathematics and in any allied branch.
Biophysics; Cold Plasma Applications; Self-assembly	Pursuing B.Sc./M.Sc. in Physics/Chemistry/Biochemistry/Biophysics/Biotechnology; M.Pharm/M.Tech Medical Devices/Biotechnology/Environmental Sciences/Chemical Engineering/ICE
Plasma Physics, Atomic and Molecular Physics	Pursuing BSc/MSc (Physics)
Infectious diseases and Drug discovery against antimicrobial resistance	Pursuing B.Sc/B.Tech/B.Pharma (Microbiology/Biotechnology/ any branch of Life Sciences); M.Sc/M.Tech/M.Pharm (Microbiology/Biotechnology/ any branch of Life Sciences)
Plant bacteriology and microbial genetics	Pursuing B.Sc/B.Tech/B.Pharma (Microbiology/Biotechnology/ any branch of Life Sciences); M.Sc/M.Tech/M.Pharm (Microbiology/Biotechnology/ any branch of Life Sciences)
Condensed Matter Physics/ Nanoscience/Materials Science/Thin films/ Ferroelectrics	Pursuing B.Sc., M.Sc., M.Tech. in Physics/Chemistry/Materials Science/Nanoscience/Chemical Engineering
Supramolecular Chemistry/Nanozymes	Pursuing B.Sc (Chemistry)/ M.Sc (Chemistry)

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)/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:

1. Candidates selected for project dissertation will have to pay non-refundable fee of Rs. 2500 per month towards laboratory/chemical/equipment handling cost.
2. Candidates selected for short-term internship/ training 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/training programme will start from June 2025 and dissertation from July 2025.

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

Registrar, IASST

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