



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. The 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 winter internship/training (2 months) and project dissertation (6 months) in the following areas:

Subject area	Eligibility criteria
Material Science / Nanoscience and Nanotechnology	Intern (Pursuing Bachelors / Masters In Chemistry/Physics/Nanoscience/Material Science/ Engineering); Dissertation (Pursuing Masters in Chemistry/Physics/ Nanoscience/ Material Science)
Microbiome/probiotics	Intern (Pursuing B.Sc. /B.tech in microbiology/ biotechnology/ biochemistry); Dissertation (Pursuing M.Sc. in Microbiology or Biotechnology)
Condensed Matter Physics/Materials Science	Physics/Physical Science (Pursuing B.Sc/B.Tech./B.S./M.Sc./M.Tech/M.S.)
Experimental Soft Condensed Matter/ Material Science/Polymer Sciences/ Biomaterials/Nanomaterials	Pursuing B.Sc/B.Tech./B.S./M.Sc./M.Tech / M.S/M.Tech. in Physics/Physical Science/ Chemistry/Chemical Science/

	Biotechnology/Botany
Subject area	Eligibility criteria
Condensed Matter Physics/ Materials Science	Pursuing M.Sc. in Physics
Antimicrobial agents against drug-resistant human pathogens and Plant-Microbe Interactions	Intern (Pursuing B.Sc./M.Sc. in microbiology/biotechnology/Botany); Dissertation (Pursuing M.Sc. in Microbiology/ Biotechnology/ Botany)
Materials Science/Nanoscience	Pursuing B.Sc./M.Sc./B.Tech./M.Tech. in Physics/ Chemistry /Materials Science
Applied Microbiology and Biomedicine	Pursuing M.Sc. in any Branch of Life Sciences/ M.Pharm / M.Sc. Bioinformatics, MS in Pharm
Pharmacology and Drug Discovery	Pursuing : B.Pharm (Pharmacy)/B.Tech (Biotechnology)/ M.Pharm or M.S. Pharm (Any Branches)/MSc (Zoology /Biotechnology)
Hydrodynamics and Applied Mathematics	Pursuing Masters and completed Bachelor students in Mathematics and allied areas
Biophysics; Cold Plasma Applications in Biology; 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, Cold Plasma Application	Pursing BSc. (Phys.)/ MSc. (Phys./ Chem.)/ BTech (Elec. Engg.)/BE (Elec. Engg.)/ MTech (Elec. Engg.)/ME (Elec. Engg.)
Infectious diseases, Quorum sensing, Bacterial biofilm, and Drug discovery against antimicrobial resistance	Pursuing: B.Sc. /B. Tech./B. Pharm or M. Sc./M. Tech/M. Pharm in Microbiology/ Biotechnology/ any branch of Life Sciences
Plant Microbiology and Microbial Genetics	Pursuing : B.Tech (Biotechnology)/ M.Pharm or M.S. Pharm (Any Branches)/ MSc (Botany/ Biochemistry/ Microbiology /Biotechnology)
Condensed Matter Physics / Materials Science / Thin films / Ferroelectrics / Optical properties	Intern - (Pursuing B.Sc./B.Tech/M.Sc./ M.Tech in Physics/Chemistry/Nanoscience/ Material Science); Dissertation - (Pursuing M.Sc./M.Tech in Physics/Chemistry/ Nanoscience/Material Science)

Supramolecular chemistry/nanozyme	Pursuing B.Sc/M.Sc in Chemistry
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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 the 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 merit (based on the last qualifying exam)/interview and the 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 the project dissertation will have to pay a non-refundable fee of Rs. 2,500/- 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 the institute's Dormitory is subject to its availability on the joining date. Preference will be given to students from outside Guwahati.

The internship/training programme will start from December 2025 and the dissertation from January 2026.

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

Registrar, IASST

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