

**Government of Assam**  
**Science, Technology and Climate Change Department**

Science & Engineering Internship Programme

The Science, Technology and Climate Change Department (ST&CC Dept) would like to start an internship programme in Science and Engineering with following objectives:

- i. to address challenges and bring out areas of development in the North-eastern region especially Assam through innovation.
- ii. to build human resource of the region by providing opportunities to qualified and motivated students with diverse backgrounds to work on projects linked to research and development.
- iii. to improve their analytical and technical skills, support the on-going programs of the Department and add to the development of the region.

The participating agencies under the ST&CC Department would engage brilliant young innovative minds of Assam having M.Sc./B.Tech/M.Tech./Ph.D. degree in relevant fields specified below for undertaking short-term research internship for 3-6 months. The subject areas of internship for the first batch of internees and qualifications against different agencies under the Department with prescribed qualifications are mentioned below:

<b>Name of Agency</b>	<b>Areas of work</b>	<b>Essential Qualification</b>	<b>e-mail for sending the application</b>
Assam Science Technology and Environment Council (ASTECC)	(i) Village Vulnerability Assessment and Climate Change Adaptation Planning  (ii) Impacts of National Green Corps programme in Assam	M.Sc. (Environmental Science / Geography), B.E./B.Tech./M.Tech. in relevant subject Desirable: experience in the field of climate change/vulnerability study, IT knowledge	directorastec@gmail.com
Assam State Space Application	(i) Exploring Natural Resource Mapping and Disaster Management in	M.Tech./M.Sc./BE /B.Tech in Remote Sensing or GIS, Geoinformatics.	Dirassac2021@gmail.com

Centre (ASSAC)	<p>Open-Source Environment.</p> <p>(ii) Digital Image processing.</p> <p>(iii) Web GIS application.</p> <p>(iv) Development of Mobile Applications.</p>	<p>Desirable: Candidates should have exposure on Remote Sensing and GIS as well as IT background.</p> <p>Image Processing and GIS software with programming languages (ex. Java, Python, C++ etc.), modern frameworks data management, web GIS etc.</p>	
Assam Energy Development Agency (AEDA)	<p>(i) Roof top Solar Project – Analysis and Evaluation.</p> <p>(ii) Solar Agri voltaics &amp; Float avoltaics.</p> <p>(iii) Renewable Energy Resource estimation in Assam.</p> <p>(iv) Identification of non-performing Solar Power Plants in Assam and revival mechanism</p>	<p>M.Tech in Mechanical/ Electrical/ ECE/ Energy</p> <p>□B.E/ B.Tech in Mechanical/ Electrical/ ECE/ Energy</p>	assamrenewable@gmail.com
Guwahati Biotech Park (GBP)	<p>(i) Basic techniques in Molecular Biology.</p> <p>(ii) Basic techniques in Microbiology and Imaging/Biomolecule Profiling/Herbal Extraction.</p> <p>(iii) Application of Sophisticated Analytical Instruments.</p>	<p>M.Sc/ B.Tech/ M.Tech in Biotechnology and Allied Areas</p>	Info2gbp@guwahatibiotechpark.com

An applicant must have First Class or equivalent GPA in the above-mentioned degree examinations along with a uniformly brilliant academic career. Each of the above agencies would enroll two number of Internees in the first phase.

**Stipend:** 1. For M.Sc./BE/B.Tech = Rs.10,000.00 pm

2. For M.Tech/Ph.D.

= Rs.15,000.00 pm

**How to apply:** Interested candidates should have to send their applications with their *curriculum vitae* providing details of their academic performance HSLC onwards, research/field experience, publications (if any) along with their contact details, e-mail. Every candidate must enclose a synopsis of his proposed work, citing objectives, works done in the similar field, research plan, methodology, expected outcome, within 1000 words based on the topics shown against each of the above agencies. Selection will be done on the basis of the academic records and quality of the synopsis. **Last date of receiving the applications at the respective organizations by e-mail is 31.03.2022.**

**Selection Procedure:** The process will consist of two phases, screening of applications by a peer committee to be formed by the respective organizations and final selection by the Selection Committee based on academic excellence and synopsis or proposal submitted by the candidates. Only shortlisted candidates will be called to appear before the Selection Committee for presentation and interaction.

**Terms and Conditions of Internship:** Once selected -

(i) The intern(s) shall have to complete the work within the stipulated time frame, if in any case the work could not be completed with the time frame then the intern(s) will have to complete the work without any stipend.

(ii) The intern(s) shall have to submit or present timely progress of their work followed by a final report submission failing which certificate of completion will not be provided.

(iii) The interns are required to jointly publish research papers with their supervisors and co-supervisors (if any, in case of interns from other institutions).

(iv) In case of unsatisfactory performance at the mid-term or final evaluation the intern will be terminated or discontinued and the intern will have to return the drawn stipend amount.

(v) If any intern leaves the work in between, in that case the intern will have to handover all the data, reports, instruments, aids etc., of the work to the respective authority along with the stipend (entire drawn amount or the amount from the month on which leave is sought).

(vi) The organization(s) of Science, Technology and Climate Change Department reserves all copyrights over the any kind of data, report etc., generated under the internship program and without the prior consent of the organization any publication of it will be considered an offence.

**Addresses of respective agencies conducting the internship programme:**

<p>Director Assam Science Technology and Environment Council Bigyan Bhawan, GS Road, Guwahati 781005 Email: <a href="mailto:directorastec@gmail.com">directorastec@gmail.com</a>, <a href="mailto:astec@rediffmail.com">astec@rediffmail.com</a></p>	<p>Director Assam State Space Application Centre Bigyan Bhawan, GS Road, Guwahati 781005</p>
<p>Director Assam Energy Development Agency Bigyan Bhawan, GS Road, Guwahati 781005</p>	<p>Chief Executive Officer Guwahati Biotech Park Near SP Office Amingaon Kamrup, Guwahati 781031</p>

## SHORT ADVERTISEMENT FOR NEWSPAPER

Government of Assam  
Science, Technology and Climate Change Department  
Janata Bhawan, Dispur, Guwahati 781006

### Science & Engineering Internship Programme

Applications are invited from brilliant young innovative minds of Assam having first class in M.Sc./B.E./B.Tech/M.Tech./Ph.D. degree in relevant fields specified in the detailed notice for undertaking short-term research internship (3-6 months) in various agencies under the Science, Technology and Climate Change Department. The agencies are Assam Science, Technology and Environment Council (ASTECC), Assam State Space Application Centre (ASSAC), Assam Energy Development Agency (AEDA) and Guwahati Biotechnology Park (GBP). **Last date of receiving applications at respective agencies is 31.03.2022.** Details of the advertisement may be downloaded from the website: <https://astec.assam.gov.in/>, <https://aeda.assam.gov.in/>

(Special Secretary)  
Science Technology & Climate Change Department  
Block D, Janata Bhawan, Dispur, Guwahati 781006