

Expression of Interest for facilitating Bioinformatics Courses

To be conducted by
NIELIT Guwahati

In collaboration of your college/ university/ institution

Under a MeitY, Govt of India funded Project
**“Smart Bioinformatics Ecosystem: Leveraging AI and Cloud Technology for
Innovation and Capacity Building in Bioinformatics”**

Being implemented in India by:



National Institute of Electronics and Information Technology, Guwahati
Ministry of Electronics and Information Technology (MeitY), Govt. of India

1st Floor, Brahmaputra River Studies Centre Building,
Gauhati University Campus, Jalukbari, Guwahati-781014

Website: <https://www.nielit.gov.in/guwahati/index.php>

OBJECTIVES OF THE EXPRESSION OF INTEREST (EoI):

NIELIT Guwahati invites Expressions of Interest (EoI) from reputed Colleges, Universities, and Academic Institutions across the North Eastern States of India to invite resource persons / collaborate as host institution for delivering NIELIT's Bioinformatics courses at their premises. This collaboration will be part of the initiative "Smart Bioinformatics Ecosystem: Leveraging AI and Cloud Technology for Innovation and Capacity Building in Bioinformatics", aimed at strengthening regional capabilities and enhancing student placement prospects through industry-aligned training programs developed in consultation with leading experts from industry and academia.

Hence, NIELIT invites EoIs through online process from Universities, reputed Educational Institutions, Colleges (hereafter referred as 'Institutions') for hosting Bioinformatics courses/ workshops at their institutions for the students of the host and nearby insititutions.

Responsibilities of the Institutions participating in the EoI:

- A. To provide IT infrastructure/ classroom and to coordinate for conduction of training programmes for students of the host and nearby institutions.
- B. To enrol students and provide schedule time slots for NIELIT for the execution of workshop/training (for Teachers/ students) allied to institutional syllabus.

Mutual benefits out of the collaboration:

Collaboration of NIELIT Guwahati with the Institution(s) is expected to be a balancing act in which everyone has a positive take back. The benefits could be envisaged as stated below:

- I. Brand creation for both the Institutions.
- II. It would help the institutions to register their effective presence in the emerging technologies like Bioinformatics and Computational Biology.
- III. It would facilitate enhanced placement opportunities for students, as the selection of the courses/ training programmes would be based on the industry requirement and industry would get skilled workforce suited to their requirement from day one of the employment.
- IV. It would facilitate the reach of the latest emerging technologies to wider sections of the Society

Who can apply:

Universities/ Colleges / Academic Institutions (Public or Private) conducting UG/PG courses in subjects like Zoology, Botany, Chemistry, Biotechnology, Biochemistry, Microbiology, Environmental Sciences, Molecular Biology or any other related subjects where students needs to learn Bioinformatics.

What course(s) may be opted:

Any one or maximum two courses can be opted from the following basket of courses:

Name of Training	Name of Training	Duration in Hours	Mode of training	Eligibility/ Target group
1	Basic Bioinformatics Applications	30 hours / 5 days	Offline as 05 days workshop	Undergoing UG in Life Sciences or allied branches [students studying in HS classes are also eligible]
2	Advanced Bioinformatics Applications	30 hours / 5 days	Offline as 05 days workshop	Undergoing UG or PG in Life Sciences or allied branches
3	Foundations in Genomic Data Analysis	60 hours/ 30 days	Offline as 10 days workshop	Undergoing UG or PG in Life Sciences or allied branches
4	Foundations in Structural Bioinformatics	60 hours/ 30 days	Offline as 10 days workshop	Undergoing UG or PG in Life Sciences or allied branches
5	Certificate Course in Bioinformatics	120 hrs	03 hours per day online and offline mode	12th passed Science with Biology or above with Life Science
6	Certificate Course in Translational Bioinformatics	120 hrs	03 hours per day online and offline mode	UG and above with specialization in Life Sciences

Training Planner & Mode of Delivery and general terms and conditions:

1. The training programmes will be conducted FREE of cost for the students [Indian students with valid id card and Aadhaar cards] by the faculty members from NIELIT Guwahati & other reputed institutions and industry partners in offline and online mode.
2. Laptos/ PCs to be provided by the host institution [participating in this EoI] with internet connectivity for which no lab charges will be provided
3. The courses will be conducted by NIELIT Guwahati in association with the interested institution participating in the EoI. The Institutions may showcase the event in their event conducted calender as "Courses conducted by NIELIT Guwahati in association with _____".
4. No MoUs/ MoAs will be signed for this purpose and all will be communicated through email/ letters.
5. Training planner will be published on or before 15th of January 2026 and preference will be given in order of receipt of applications.
6. There is no provision for food/ refreshment during the training proqrammes, which should be clearly indicated to the students. One online flyer and application link will be provided before starting of the training programmes.
7. In case of any dispute, the decision of the Director NIELIT Guwahati will be final.

Interested institutions fulfilling the qualification criteria may send their particulars in the attached format to the following address:

Address for submission of the EoI [only through email] :

Dr Saurov Mahanta,
Chief Investigator,
"Smart Bioinformatics Ecosystem Project"
NIELIT Guwahati

E-mail: saurov@nielit.gov.in [only for WhatsApp enquiry 9435047023]

sd/-
Director,
NIELIT Guwahati

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[form to be filled up by the Institutions and scan copies with a covering letter to be sent to the email address as mentioned in the above document]

Corresponding Information

Name of the Institution:	
Address:	
Name of the Contact Person:	
Designation of the Person:	
Contact Number of the Person:	
Email Address:	

Course Selection

Select the course(s) interested to host (tick)	Name of Training	Duration in Hours
	Basic Bioinformatics Applications	30 hours / 5 days
	Advanced Bioinformatics Applications	30 hours / 5 days
	Foundations in Genomic Data Analysis	60 hours/ 30 days
	Foundations in Structural Bioinformatics	60 hours/ 30 days
	Certificate Course in Bioinformatics	120 hrs
	Certificate Course in Translational Bioinformatics	120 hrs

Time Schedule: [suggest a two months window period during which you want to host the course(s)]:

I declare that our institute is interested to host the Bioinformatics courses to be conducted by NIELIT Guwahati as per the mentioned terms and for which we will provide necessary infrastructural and administrative support for conduction of the courses.

Signature of the Head of the Institution with seal.