



#startupindia



ANUSANDHAN

Student Research Competition 1.0

Important Dates:

Registration & Project Submission Deadline: 05 November 2024

Presentation & Evaluation: Third week of November 2024

Registration Link: <https://forms.gle/qvsgkWGT3fZLZyRo9>



Organised by

Research and Development Cell

**NORTH-EASTERN HILL UNIVERSITY
SHILLONG**

ANUSANDHAN: Student Research Competition

Spirit of inquiry, creativity, and innovativeness are some of the natural endowments bestowed upon human beings, which are the keys to the transformation of life. These factors, when manifested in the form of research, open new frontiers of knowledge, which is instrumental for all forms of development. Perhaps this is the reason why research is recognized as one of the core functions of universities/institutions of higher learning, and the universities have been rendering this responsibility with utmost diligence. India's noteworthy progress in the fields of Information Technology, Energy, Space, etc., is the outcome of consistent endeavors of our intellectual resources. India, currently producing a solid core of knowledge workers in tertiary and scientific and technical education, and its economy and industrial sector set for unparalleled growth is poised to become the future global knowledge hub. However, the onus lies largely on our Higher Education System and particularly on our universities. But, of late, research has become a subservient component in the university functioning. Resource constraints, lack of commitment, proper incentives, etc., are the impediments that are affecting the quality of research in our institutions of higher education. Other important factors for the deterioration of the quality of research are the absence of adequate training and other capacity building endeavours in our system, which have restricted student's creativity only to rote memory. On the contrary, their potential should be nurtured and harnessed for the benefit of the society. The current boom in the Indian economy signaling an era of transformation should provide ample opportunity for success to innovative young brains to become trendsetters and role models of a vibrant India.

To inspire a vigorous investigative culture within our institutes of higher education, the Research & Development Cell at North-Eastern Hill University is regularly organizing programs. These programs aim to identify and nourish budding talent in research by providing encouragement and incentives. In addition, they aim to improve prospects for commercializing through industrial partnerships. This intend is to accelerate scientific inquiry and progress, translating into practical applications that profit local community progress at the grassroots level. ANUSANDHAN: Student Research Competition will serve as an innovative forum for students, igniting passion among the future generation of students and researchers at the university. This endeavor seeks to cultivate and strengthen a vibrant investigative culture among our pupils, equipping them with the abilities and motivation to excel in their academic pursuits.

Objectives:

- To identify and support budding researchers within the student community and nurture their potential and aspirations.
- To promote an environment that appreciates a culture of curiosity, creativity, innovation, and collaborative problem-solving among students.
- To provide mentorship and guidance to equip students with essential research skills and knowledge.
- To encourage students to pursue innovative ideas and entrepreneurial ventures and promote a spirit of initiative and self-reliance.

- To help students and connect their ideas with industry by establishing collaborative partnerships that enhance real-world application of their research.
- To contribute to the economic and social development of the northeast region through impactful research and development initiatives.

Eligibility:

Eligible participants for ANUSANDHAN: Student Research Competition include **undergraduate (UG) students, postgraduate (PG) students, and PhD scholars** of NEHU (Shillong & Tura campuses) from all disciplines.

Areas/Categories:

The areas/fields/ categories in which Projects are invited:

- 1. Agriculture**
- 2. Basic Sciences**
- 3. Engineering & Technology**
- 4. Health Sciences and Allied Subjects, Pharmacy, Nutrition, etc.**
- 5. Social Sciences, Humanities, Commerce and Law**
- 6. Interdisciplinary Research Projects**

Types of Projects:

- Projects in above-mentioned areas must be **original** and show their **feasibility** and **impact**.
- Both **individual and collaborative projects** can be submitted. In the case of a collaborative project, a maximum of **four members** [**one lead presenter** and up to **three other contributors**] are allowed to participate.

Procedure:

First Phase: The R&D Cell will organize a university-level research project competition in which students from **all Departments of NEHU (Shillong & Tura campuses)** are invited to participate. The projects will be scrutinized by a team of experts nominated by the Cell in the respective areas.

Second Phase: In the second stage, a podium presentation of the top selected projects will be held. A panel of experts in each area/field will assess the research projects. The top selected Project in each area/field (total of Six) will be selected and awarded a **cash prize of Rs. 2500/- alongwith a citation**.

Third Phase: The project selected from each category will be sent to **ANVESHAN 2024** for the zonal-level competition, which will be held at **ADAMAS University, Kolkata**.

Certificates will be provided to all participating students.

Evaluation/Assessment Criteria:

Projects will be assessed based on the following criteria:

- **Scientific Basis and Principles**
- **Creativity/Novelty**
- **Practical Feasibility**
- **Relevance**
- **Teamwork/Collaboration**

Apart from the above criteria, Scope of Commercialization of the projects will be considered as an additional merit. However, there will be no weightage point for this criterion. In the case of the projects having scored equal cumulative weightage point, this criterion will be considered for making the final decision.

Registration Fees:

A registration fees of **Rs. 100/- (One hundred only)** is required to be paid online to NEHU for the competition.

Account Name	FO NEHU for Seminar / Workshop / Conference etc.
Account Number	54101000090003
IFSC Code	IOBA0000541
Bank and Branch	Indian Overseas Bank, Shillong Branch, Shillong

Guidelines for Participants:

- Projects should be **original** and based on **new/innovative ideas**. Prior exploration and ground-work to prove its **feasibility and show impact** will be beneficial.
- The Projects are invited in **six categories/areas** – i) Agriculture, ii) Basic Sciences, iii) Engineering & Technology, iv) Health Sciences and Allied Subjects, Pharmacy, Nutrition, etc. v) Social Sciences, Humanities, Commerce and Law, v) Interdisciplinary Research.
- In the case of a Group project, only **four members (one lead investigator and three contributors)** are allowed to participate in the competition.
- The total time allowed for **oral/podium presentation** is **15 minutes**. Ten Minutes for presentation and **Five Minutes for question-answers**.
- The Poster shall clearly mention the **problem statement, objective(s), methodology employed, and a brief summary of findings/potential results**.

- **Winning Projects will be sent to the Zonal Level convention of Anveshan 2024.**
- All these rules shall be strictly adhered to by the students, failing which the participant shall be disqualified.
- The decision of the evaluating Judges will be final.

Advisory Committee:

Prof. P.S. Shukla	Patron
All Deans of Schools	Member
Director, Tura Campus	Member
Principal, DDUCC	Member

Organising Committee:

Prof. S.R. Joshi	Coordinator
Prof. Timir Tripathi	Organising Secretary
Dr. Rajesh Bajpai	Convenor
Dr. Harish Shukla	Co-convenor
Prof. Manash P. Goswami	Member
Prof. Santosh Kumar	Member
Prof. D.K. Biswal	Member
Dr. Shruti Shukla	Member
Dr. Vinit K. Chaubey	Member
Dr. Sudipta Ghosh	Member
Dr. Suktilang Majaw	Member
Dr. S.P. Pati	Member
Dr. Hiranjit Choudhury	Member
Dr. Ravi Ranjan Kumar	Member
Dr. Arvind Kumar	Member
Dr. Sunildro L.S. Akoijam	Member
Dr. Madhukar Gampala	Member

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