

Call for Project Proposals

for

Anveshan2.0: Student Research Convention-NIT Silchar

1. Preamble

Spirit of inquiry, creativity and innovativeness are some of the natural endowments bestowed upon human beings, which are the keys to 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 for which research is recognized as one of the core functions of the universities/institutions of higher learning and the universities have been rendering this responsibility with utmost diligence. India's noteworthy progress in the field of Information Technology, Energy, Space, etc., are the outcome of consistent endeavour of our intellectual resources. India, currently producing a solid core of knowledge workers in tertiary, scientific and technical education and its economy and industrial sector set for an 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, as 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 the research are the absence of adequate training and other capacity building endeavour in our system, this has restricted students' 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 Indian economy signalling an era of transformation should provide ample opportunity for success to innovative young brans to become trend setters and role models of a vibrant India.

2. Objectives:

- To identify young talents with research aptitude and interest to take up research as a career option
- To promote the talent in research throughout the country.
- To nurture the talent through specialized training and education in some of the nationally and internationally reputed premier institutions of higher learning in the country.
- To augment financial and physical resources through collaboration with different sponsors for supporting education and training of the young researchers.
- To provide proper incentives to enhance the skill of potential students.
- To initiate an intensive research culture in a selected group of institutions.

3. Scope of Call: Proposal should explore innovative and feasible ideas which highlight the challenges faced by current India and attempt to provide a cost effective way to address them. The projects should aim to provide creative solutions to problems faced: new and old.

Areas: The areas/fields in which Projects (Individual and Group Projects) are invited:

- Agriculture
- Basic Sciences
- Engineering & Technology
- Health Sciences and Allied Subjects, Pharmacy, Nutrition, etc.
- Social Sciences, Humanities, Commerce and Law (Objective and Result Oriented Projects)

Eligibility:

- Participants must be bona fide fulltime students of the institute from Undergraduate to Doctoral Degree level.

Project Cost: Participants are required to include a Budget Plan in their proposal. The plan must include budget for equipment needed/consumables/travel/contingencies.

Project duration: 1 year maximum

4. Awards and Recognitions:

- **A platform to present new ideas to peers and experts at institutional level.**
- **A chance to get research seed grant:**
The shortlisted UG and PG/PhD projects will be given a research seed grant of Rs. 10000/- (max) and Rs. 25000/- (max) respectively to carry out a part of their proposed research, with a condition that they have to present their proposal in Anveshan 2.0.
- **A chance to present at the Zonal level of Anveshan**
The 5 selected projects will be given a chance to be presented at the East Zone Convention of Anveshan: Student Research Convention to be held on February 12-13, 2020 at Jadavpur University.
- **A chance to receive funding for your proposal:**
The selected proposals will be funded upto a maximum of Rs. 100000/-.
- Participation in the Zonal level convention may lead to an opportunity to participate in the National Level convention. Participants successful in the National Level Convention will be awarded gold medal.

5. Important Dates

Submission of Initial Proposal	: 20.12.2019
Announcement of Shortlisted Projects	: 24.12.2019
Registration	: 24.12.2019 onwards
Submission of Final Proposal	: 07.01.2020
Event	: 10.01.2020-12.01.2020

6. Criteria for evaluation

All projects will be evaluated on the basis of the following criteria.

<i>Criteria</i>	<i>Weightage</i>
Scientific Thoughts and Principles	20
Creativity	20
Thoroughness	10
Skill	10
Relevance	20
Cost Effectiveness	10
Teamwork	10

The final selection of projects will be based on the cumulative weightage of all of the criteria.

7. Proposal Format and Submission:

A format for the project proposal has been provided.

Participants need to submit the proposal as:

1. A hard copy to the Dean (R&C) Office in closed envelop mentioning “Proposal for Anveshan 2.0” and name of the PI and their contact details.
2. A softcopy in pdf format to be sent to anveshan.nits@gmail.com