

Regional Innovation Science Hub for Innovators (RISHI)

**G. B. Pant Institute of Himalayan Environment & Development (GBPIHED)
Kosi-Katarmal, Almora 263 643**

SUMMER OPPORTUNITY TO YOUNG STUDENT INNOVATORS (Pursue Your Innovative Idea under Expert Mentorship)

"Regional Innovation Science Hub for Innovators (RISHI)" supported by Department of Science & Technology, New Delhi, at this Institute is in the process of identifying young school student (9 to 11th standard) innovators from Uttarakhand State. Potential inventors are encouraged to submit ideas/short proposals (1 page max; English or Hindi). After critical review of proposals, by a panel of experts, the innovators will be recommended for three week summer Session at RISHI - GBPIHED (w.e.f. June 1st week, 2015). The ideas/proposals, neatly written/typed under following heads – (i) Title/Idea for innovation; (ii) Description of innovation; (iii) Novelty aspects; (iv) Envisaged benefits, must reach the Principal Investigator, RISHI- GBPIHED by or before 15 May 2015 (by post or eMail-ranbeerrawal4@gmail.com). All expenses on three week session of innovators will be met by RISHI-GBPIHED.

Steps for Organizing Summer Session

1. Calls for ideas/proposals (Advertisement of the opportunity in news papers for Winter Session for Innovators and letters to District & Block Education Officers).

All potential innovators (students of 9 to 11 standard) in Uttarakhand are eligible for submission of proposals (*those who have appeared in High School Examinations can also apply*).

2. Idea/Proposal submission - 1 page short proposal written in Hindi or English under following sub heads: (i) Title/Idea for innovation; (ii) Description of innovation; (iii) Novelty aspects; (iv) Envisaged benefits.

The proposal needs to be submitted to: The Principal Investigator, RISHI, G. B. Pant Institute of Himalayan Environment & Development (GBPIHED) Kosi-Katarmal, Almora 263 643 (Uttarakhand). Proposal may also be sent through speed post or eMail (ranbeerrawal4@gmail.com).

Last date for submission of proposal: May 15, 2015.

3. Review of proposals and short listing: A panel of experts, identified by the Institute, will review and recommend the proposals. The innovators of successful proposals will be

invited for 3 week Summer session at Nature Interpretation & Learning Center (NILC) of GBPIHED.

4. Summer Session for Innovators: for successful innovators a three week winter session is proposed w.e.f June 1st week, 2015. The innovators will pursue their idea for formulation of viable project under the mentorship of subject experts.

All the expenditure (including Travel of participants, accommodation, food and refreshments, etc.) for organizing the session will be met as per the norms by the RISHI-GBPIHED.

Further Details on RISHI

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Objectives

- To identify and promote young student inventors, and facilitate developing a strong network of such inventors for pursuing their innovative ideas through expert guidance and support.
- To create opportunities for hands-on experiences in the field and laboratory by way of establishing a strong inventor-expert linkage so as to inculcate excitement amongst them to further pursue the potential idea for advance research.
- To create an ‘innovative idea bank’ and promote creative learning for nurturing young talent to optimize benefits of potential ideas in respective fields.
- To provide exposure on front running societal problems in the region and encourage young inventors to take-up such issues for providing suitable solutions.

Project background

- Responding to the need of making science education interesting and useful, and with a growing realization that the interest of students in science subjects, particularly the natural and community oriented sciences is declining rapidly, various efforts are being made across the country to inculcate excitements among school children towards: (i) understanding complexities of nature and its components, and (ii) finding out innovative solutions for front running

societal and environmental problems. Among others, this calls for an aggressive follow-up to produce and promote a new generation of students who are willing to take-up such issues by way of following their innovative ideas. This is possible only if they are given extensive exposure and provided with adequate facilities and guidance to follow the potential idea.

- With this realization, and considering that young and vibrant innovators can contribute significantly to advance various fields of Science & Technology (S&T), it becomes important to identify and nurture such talent and inculcate excitement to pursue innovative ideas with the help of established scientific institutions under guidance and support of experts of respective fields.
- This understanding enabled us to conceptualize the proposal of establishing a Regional Incubation Science hub for Inventors (RISHI) at G.B. Pant Institute of Himalayan Environment & Development, Kosi-Katarmal, Almora (Uttarakhand). This will be an effort to identify young inventors from schools of Himalayan region and encourage them to pursue innovative ideas. In spite of its open accessibility to all students, the proposed hub will particularly attempt to provide an accessible facility to those who belong to remote rural schools and do not get enough exposure and opportunity to express and follow their innovative ideas. It is intended to identify, facilitate and motivate young talent of the region to aggressively work on their innovative ideas and encourage them to contribute towards resolving front running societal and environmental problems in the region.
- For more details contact:

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