



G B Pant University of Agriculture and Technology, Pantnagar-263145, Uttarakhand State Call for Research Internship (Accelerate Vigyan-Vritika)

“वृत्तिका” VRITIKA (Training and Skill Internship)

Applications are invited from interested Post Graduate (M Tech /M.E./M.S /M Sc) / early stage PhD students for **05 Research Internship** positions to work under the **VRITIKA** event titled **“SPRINGS AND THEIR MANAGEMENT FOR SUSTAINABLE WATER SECURITY IN HILLY AREAS”** funded by Accelerate Vigyan, SERB, Govt. of India. ‘VRITIKA’ is the call for initiation and practice in science through Training and Skill Internship. This program aims to provide opportunities to promising PG students from universities and colleges to get exposure and hands-on research skill development experience. The event will be conducted through offline mode for duration of eight weeks at Pantnagar. For more details about the program, please visit the following links: <https://acceleratevigyan.gov.in/programs/abhyas/vritika> or <http://serb.gov.in/abhyaas.php>

Eligibility Conditions:

- Post Graduate (M Tech /M.E./M.S /M Sc) / early stage PhD students in related disciplines
- The applicants must produce a letter of authentication from their Supervisor/Head of the Department/Head of the Institute indicating their association with the institute and ‘No Objection Certificate (NOC)’ for allowing their student to undergo internship (if selected), must be obtained on the institute/university letter head.

Nature of Support:

- The intern will be given for meeting daily necessary expenses such as **stationery, consumables, accommodation, food**, etc., as per the norms of the funding agency. **No stipend will be provided for the internship.**
- The period of the Training and Skill Internship shall be for **eight weeks**.
- The participating students will also be eligible for **TA** reimbursement for their journey to the host institute from their home institute, both ways, as per the **GOI** norms.
- Certificate will be provided to the interns after the successful completion of the internship tenure.

Details of Internship:

- ❖ Period of research internship: **11th July 2022 to 10th September 2022**
- ❖ Last Date for application/registration: **20th June 2022**
- ❖ List of selected students shall be intimated through mail on or before 22nd June 2022 and the participation to be confirmed by **25th June 2022**.
- ❖ Reporting date for the selected students – 10th July 2022.

Application Process:

- Express your interest by sending a mail along with the detailed CV to jyothiprasad.civil@gbpuat-tech.ac.in or profjyothiprasad@gmail.com OR fill up online <https://forms.gle/UVn1zuxQNaDiraRY8> OR scan the QR Code
- Duly filled application form along with the requested details, scanned copies of certificates and other supporting documents including the letter of authorization in a **single pdf file** should be sent through mail by the **selected candidates** based on the merit.



Other Important Information:

1. The applicant will be responsible for the authenticity of information, documents and photographs submitted.
2. The Institute reserves the right to accept the application at any time and consider candidates with exceptional credentials without applications. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates.
3. Only selected candidates will be informed by email, therefore the candidates must provide valid E-mail IDs in their applications.
4. Selected candidates will have to acknowledge and accept the internship offer through return email, failing which the waitlisted candidates may be called for the internship.
5. The Event Organizer will assign work /assignments as per the research needs and the interns have to work accordingly and prepare a report on completion.
6. Interns not completing the work within the requisite period will not be issued any certificate.
7. The intern shall abide by the rules and regulations of the institution and laboratory protocols.
8. For any other information/queries regarding the internship, the candidates may reach the event organizer through email as per the details given below.

Event Organizer / Contact Person

Dr. Jyothi Prasad
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Areas of expertise:

1. Measurement and monitoring techniques of spring water quality and quantity
2. Development of a mobile-app to collect and assess spring water quality and its suitability for different water usage
3. Understanding flowing wells and water quality assessment
4. Development of water quality and quantity monitoring of springs using open source software's like QGIS, SAGA etc
5. Wastewater pollutant transport model using Hydrus software