

संकुल नवप्रवर्तन केंद्र

CLUSTER INNOVATION CENTRE



दिल्ली विश्वविद्यालय (UNIVERSITY OF DELHI)

रग्बी सेवेन्स बिल्डिंग, यूनिवर्सिटी स्टेडियम, जीनारंग रोड .सी .,
दिल्ली यूनिवर्सिटी, दिल्ली-110007, फोन न27666702 .

Rugby Sevens Building, University Stadium, G.C.Narang Road,
University of Delhi, Delhi-110007, Ph. 27666702

Advertisement for the Research Intern (02) in the IITG-TIH Sponsored Project **(TIH/TD/001)**

Applications are invited from eligible candidates for the position of Research Intern (2) to work on the IITG-TIH-sponsored project.

Project Title	Development of underwater RoV for inspection of dams and bridges
About the Project	This research project aims to design and develop a robust underwater Remotely Operated Vehicle (ROV) capable of maneuvering in complex environments around dams and bridges. By integrating state-of-the-art Simultaneous Localization and Mapping (SLAM) algorithms, the ROV will map and localize itself in real time, enabling autonomous or semi-autonomous navigation. Semi-autonomous features-such as obstacle avoidance and assisted inspection modes will boost safety and ease of operation for human pilots. Together, these elements will create a next-generation platform for efficient, accurate, and safe underwater inspections.
Number of Positions	02
Duration	05 months
Eligibility and Requirements	<ul style="list-style-type: none">• B.Tech. (Civil Engineering)• Final year students may also apply; however, an NOC from their institute will be required.• Interested students should have a background or strong interest in civil engineering applications, image processing, programming, or related areas.• Selected students will be expected to actively contribute to coding and system development.
Stipend	₹6,000 per month (all inclusive)
Application Deadline	21 days after the date of advertisement
Date of Interview	Only shortlisted candidates will be informed by e-mail about the interview date. No TA/Da will be provided for attending the

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	interview.
Internship Location	IIT Guwahati

Application Procedure: Interested candidates are requested to complete the Google form at <https://forms.gle/y2S8rinoqvkyeAzr9>. If you have any queries, kindly write an email to sparshjohari@iitg.ac.in with the subject line “Query related to the Research Intern Position in the IITG-TIH Sponsored Project (TIH/TD/001).”

Important Note:

1. No accommodation will be provided to the selected students.
2. If the selected candidate performs unsatisfactorily, the position can be terminated immediately.

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