

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
(CIVIL ENGINEERING DEPARTMENT)**

ADVERTISEMENT TO FILL UP PROJECT POSITIONS

Dated: 18-08-2026

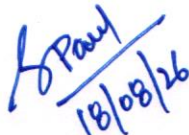
Applications are invited from Indian nationals only for time-bound project position(s) as per the details given below for the research project(s) under the Principal investigator (Name: **Prof. R.D. Garg**), Dept./Centre: **Civil Engineering Department**, Indian Institute of Technology Roorkee.

- | | |
|-----------------------------------|---|
| 1. Title of Project | : Autonomous Smart Pesticide Sprayer for Sustainable Agriculture: EcoSpray |
| 2. Sponsor of the Project | : Balmer Lawrie |
| 3. Duration | : For One Year (Extendable based on performance) |
| 4. Project position(s) and number | : Project Associate, One (1) |

Project Position	No. of Position	Minimum Qualification	Monthly Emoluments	Job Description
Project Associate	01	Qualification: B.Tech./B.E. in Computer Science Engineering (CSE), or Master's in Computer Application Desirable: - Knowledge of QT/C/C++ and backend software development. - Familiarity with GIS and image geotagging software/tools, including handling spatial and location-based datasets. - Experience with geospatial analysis for crop monitoring and 3D plant phenotyping.	Rs. 25,000/- to Rs. 60,000 + HRA	- Design and development of software modules for crop data processing and analysis. - Develop and implement embedded software for sensor interfacing, data acquisition, communication, and integration with the developed system. - Build geospatial visualization and reporting tools for presenting field data, spatial information, and analytical results.

Note:

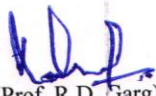
- Job description given against each project at position is indicative and not the exclusive. Each project employee would be required to work in team across all activities of the project. Candidates with experience related to the job descriptions mentioned in above table would be given a preference.
- A contractual project staff to be appointed against this advertisement shall execute a Contract Agreement with P.I. at the time of joining with explicit provision that either side, the staff or P.I. may terminate the contract, by giving one-month' notice or one month's consolidated emoluments in lieu of the notice.



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3. Candidates before applying for the position shall ensure that they are eligible for the position they intend to apply. Selection would be based on screening of applications followed by interview of most suitable applicants.
4. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email on or before the last date of application:
 - a) Application with detailed CV including chronological order of degrees/certificates obtained.
 - b) Details of work done and experience, especially relevant to the position applied for.
 - c) Self-Attested copies of degrees/certificate and
 - d) experience certificates.
5. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
6. Preference will be given to SC/ST candidates on equal qualifications and experience.
7. Please note that TA/DA is not admissible for attending the interview.
8. Only the shortlisted candidates will be called for Interview.

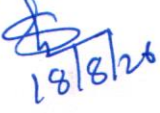
The last date for application to be submitted is 3rd Sept 2026 (by 5 P.M.).

Application Link: <https://forms.gle/z9Yu4xt8tvjQ5Y8A>


(Prof. R.D. Garg)
Name and Signature
of Principal Investigator

To be uploaded on IIT Roorkee website and a copy may be sent to appropriate addresses by PI for wider circulation.

APPROVED


Dean
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Indian Institute of Technology Roorkee
Roorkee-247 667 (INDIA)
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