

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Civil Engineering)

Dated: 17th April 2026

ADVERTISEMENT TO FILL UP PROJECT POSITION

Applications are invited from Indian nationals only for a project position as per the details given below for the research project under the Principal Investigator (Name: **Dr. Siddhartha Khare**), Department of Civil Engineering, Indian Institute of Technology Roorkee.

1. **Title of project:** CHANAKYA POSTDOCTORAL FELLOWSHIP FOR ARTIFICIAL INTELLIGENCE AI BASED PLATFORM FOR MONITORING CROP HEALTH USING SATELLITE UAV AND PHENOCAM DATA.
2. **Sponsor of the project:** IIT Tirupati Navavishkar I-Hub Foundation (ITT-2618-CED/ 25-26).
3. **Project position(s) and number:** Postdoctoral Fellow: 01 (one position).
1. **Qualifications:**
 - a) Ph.D. in Land and Water Resources Engineering/ Geoinformatics/ Geospatial / Agricultural Engineering / Computer Science
 - b) M.Tech in Civil Engineering/ Geoinformatics/ Geospatial
 - c) B.Tech in any stream
2. **Emoluments:** Rs. 80,000/- per month + 9% HRA
3. **Duration:** 18 May 2026 to 31st December 2026
4. **Job description:** The candidate is expected to have:
 - Sound knowledge of handling different types of remote sensing data. Must be having working knowledge of Google Earth Engine platform along with UAV data collection and processing
 - Strong programming skills in Python are must
 - Ready to carry out extensive field work
 - Experience in writing papers/patents/technical report etc
 - Must have published two peer reviewed articles in related domain as a first author.
- a) **Application Process**
 - a) Candidates before applying for the position shall ensure that they are eligible for the position they intend to apply.
 - b) Application is only acceptable through following Google form link: <https://forms.gle/YXTDN4yvL52ZUd5v6>
 - c) **Only shortlisted candidates will be called for an interview. The interview will be online.** Candidate may be asked to show the original degree(s)/certificate(s), and experience certificate(s) at the time of interview/joining for verification.

The last date of application is 9th May, 2026 by 5:00 PM IST. The interview date will be conveyed after shortlisting.

Signature

Dr. Siddhartha Khare
Assistant Professor
Name and signature
of Principal Investigator

APPROVED

Dean
Sponsored Research & Industrial Consultancy
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