

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Architecture and Planning)**

Dated: 22-06-2026

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the Principal investigator **Prof. P. S. Chani, Department of Architecture and Planning**, Indian Institute of Technology, Roorkee.

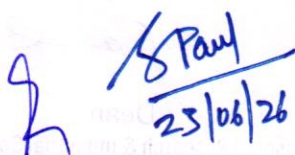
1. Title of project: **AMP-GEN: An Automated Material Passport Generation Engine for India's Low Carbon Construction Transition**
2. Sponsor of the project: **Google Centre for Climate Technology via Manthan office of Principal Scientific Advisor (PSA) to the Government of India**
3. Project position(s) and number: **Project Associate (2)**
4. Qualifications:

Project Associate 1 (AI/ML & Cloud Computing): M.Tech./M.E./M.S. in Computer Science, Artificial Intelligence, Machine Learning, Data Science, Software Engineering, or a related discipline; Candidates with a B.Tech. in Computer Science/Information Technology possessing exceptional software development and AI experience may also apply; Key Skills: Python, Machine Learning & LLMs, NLP, Google Cloud, FastAPI/ APIs, SQL & Git; Docker)

Project Associate 2 (Architecture / BIM): B.Arch. / M.Arch. OR B.Tech. / M.Tech. in Civil Engineering; Key Skills: Navisworks, Dynamo, Autodesk Construction Cloud, IFC Workflow, LCA/ EPD/ Embodied Carbon, IGBC/ GRIHA knowledge)

5. Emoluments: **35,000-42,000 + HRA**
6. Duration: **11 months**
7. Job description:

Project Associate 1 (AI/ML & Cloud Computing): Design and develop AI/LLM-powered applications for document intelligence, information extraction, workflow automation, and cloud-based data management systems.


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Project Associate 2 (Architecture / BIM): Develop BIM-driven solutions for quantity take-off, material databases, digital material passports, construction automation, and sustainability analytics in the built environment.

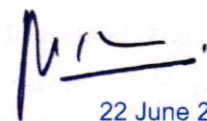
1. Candidates shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the said position should submit their applications with the following documents through e-mail to the Principal Investigator.
 - Application should have a cover letter with detailed CV including chronological discipline of degree/certificates obtained.
 - Experience including research, industrial field and others.
 - Attested copies of degree/certificate and experience certificate.
 - Proof for the key skills mentioned which could include GitHub links, portfolio, certification courses.
3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s), if called for the interview, for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.

Note:

Application to be submitted via e-mail on p.chani@gmap.co.in and the last date is **28th June 2026** by 5 PM.

Only shortlisted candidates will be called for interview.

Tel: +91-1332-285914, +919816992152


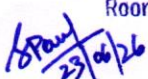
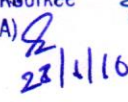

22 June 2026

Prof. P. S. Chani

Email: p.chani@ar.iitr.ac.in

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

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