

Exciting JRF Opportunity at IIT Hyderabad's AI Center of Excellence: Focus on Digital Twin Technology

The AI Center of Excellence (CoE) at IIT Hyderabad is looking for a passionate and skilled Junior Research Fellow (JRF) to join a cutting-edge project on Digital Twins. This is an excellent opportunity for individuals enthusiastic about leveraging technology to impact modern infrastructure, urban planning, and historical preservation.

Role Description:

The successful candidate will be well-versed in Building Information Modeling (BIM) and skilled in modeling and massing using Revit. Experience with 3D modeling software like Rhino 3D, Blender, and Sketchup will be considered a plus. The project involves converting photogrammetric models to BIM models, conducting energy efficiency analysis, and monitoring various aspects such as thermal comfort, indoor air quality, and structural conditions. The role requires a proactive approach to explore and integrate advanced technologies like LLM, ML, and IoTs into Digital Twinning projects.

Key Skills:

- Expertise in BIM and Revit.
- Proficiency in Rhino 3D, Blender, Sketchup (desirable).
- Familiarity with photogrammetric models.
- Skills in energy efficiency analysis and monitoring building facilities.
- Interest in LLM, ML, and IoT technologies.
- Knowledge of Python (desirable).

Educational Qualifications:

- B.Arch followed by a Masters in Architecture, Technology, Planning, Design, Geospatial Sciences, Construction Management, Infrastructure, or equivalent.

Remuneration:

As per DST JRF slabs.

Additional Information:

This position is part of a dynamic research environment and offers the possibility to transition into a PhD program upon performance review, providing a fantastic opportunity for academic and professional growth.

Application Platform:

Link- <https://forms.gle/B5DTWy4CLk2mzfPEA>

Applications are to be submitted at this link only.

Notes:

- Running advt, or till the position gets filled.
- Only shortlisted candidates will be communicated via email for further interaction.
- AI CoE reserves the right to not recruit or alter the posts.

Contact Information:

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Join us at IIT Hyderabad's AI Center of Excellence and contribute to the transformative field of Digital Twins. Apply today to advance your career and help shape the future of digital infrastructure!