



Job Advertisement: Senior Research Assistant Position (2-Years Contract)

Applications are invited for one post of Senior Research Assistant (SRA) at a fixed fellowship of Rs. 28,000/- per month for a duration of three years, payable as per the rules of the CST-UP funded project entitled "A Scientific Exploration of Parametric Simulation-Based Thermal Performance of Courtyard Houses across Uttar Pradesh for Future Development Guidelines," sanctioned for a period of up to two years. The position is purely temporary and co-terminus with the project.

Key Responsibilities:

- Conduct extensive literature reviews on the typologies of courtyard houses in Uttar Pradesh and their thermal performance.
- Assist in developing and executing parametric simulations to assess the impact of courtyard size, orientation, and shading on energy efficiency.
- Analyze simulation results to derive recommendations for climate-responsive architectural designs.
- Contribute to the formulation of development guidelines based on energy performance and environmental sustainability of courtyard houses.
- Prepare progress reports, research papers, and presentations based on the project's outcomes.

Required Qualifications:

- The applicant must be a resident of Uttar Pradesh.
- B.Arch., M.Arch. (or equivalent qualification) with a specialization in Environmental Design, Vernacular Architecture, or Climate Responsive Architecture.
- Experience in building energy simulation, parametric modelling, and knowledge of energy efficiency in buildings will be preferred.
- **Age Limit:** 32 Years as of April 1, 2025.

How to Apply:

Interested candidates should send **their CV and a cover letter** detailing their relevant experience and motivation for the role to **bano.farheen@foaaktu.ac.in/ tandon.drmeeta@foaaktu.ac.in** by **15th December 2025**. Please include "**Research Assistant Application – CST Research Project**" in the subject line.

Application Deadline: 15.12.2025

(Dr Vandana Sehgal, Dr Ritu Gulati, Dr Meeta Tandon)
Co-Project Investigators

(Dr Farheen Bano)
Project Investigator