Thapar Institute of Engineering and Technology, Patiala
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)

MECHANICAL ENGINEERING DEPARTMENT

Nov 05, 2026

ADVERTISEMENT FOR POSTDOCTORAL FELLOW IN AICTE-SPONSORED PROJECT UNDER RESEARCH PROMOTION SCHEME (RPS)-LAB TO MARKET

SANCTION LETTER NO.: AICTE/TLB/RPS(New)/RPS-1-3688291341-2025-1999/19

Project Title: Development of Rice Stubble-Based Composite Panels as Eco-Friendly alternative to Polyurethane Foam Panels for Construction

Position: Research Associate cum Postdoctoral Fellow
Duration: 12 months (Can be Extended upto 20 months)
Stipend: Consolidated Rs 60,000 PM

About the project: The project aims to develop a process of making composite panels based on stubble core as an alternative to PUF panels for commercial, industrial, and household applications. Further, the mechanical and durability properties of the proposed panels will be evaluated in accordance with BMTPC standard guidelines to ensure stability.

Qualifications:

Essential Qualifications: First-class PhD in Civil Engineering / Mechanical Engineering / Design/ Production/ Materials Science or relevant Discipline **(Awarded).**

Desirable: The candidate possesses good knowledge of lignocellulosic materials, waste valorization, and practical exposure to testing of materials under civil/mechanical loading conditions as per test standards.

Last date of application: 15th November, 2026

How to Apply:

1. Interested candidates are requested to submit a detailed CV to through email (with the subject as "Project Vacancy to AICTE-RPS Project") to the PI (deepak.jain@thapar.edu) before the last date.
2. Shortlisted candidates will be intimated for the online interview by email only.
3. In case of any query related to the above project, kindly email Dr Deepak Jain.

Dr Deepak Jain (PI)
MED, TIET Patiala
Email: deepak.jain@thapar.edu

Dr Ravinder Singh Joshi (Co-PI)
MED, TIET Patiala
Email:rsjoshi@thapar.edu

Dr Himanshu Chawla (Co-PI)
CED, TIET Patiala
Email: himanshu.chawla@thapar.edu