

MECHANICAL ENGINEERING DEPARTMENT

Jul 31, 2026

**ADVERTISEMENT FOR JUNIOR RESEARCH 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: Junior Research Fellow (JRF)

Duration: 30 months

Stipend: Consolidated Rs 37,000 per month + 10% HRA

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 meet the stability criteria.

Qualifications:

Essential: First class M.E./M. Tech. in Mechanical Engineering / Design engineering / CAD/CAM Engineering / Production Engineering/Civil Engineering/Structural Engineering or relevant Discipline with CGPA of 7.5 (or 70% aggregate), and have qualified GATE/NET/JRF.

Desirable: The candidate should possess a good knowledge of CAD/CAM software and materials. Additionally, candidates with strong exposure to manufacturing and construction are encouraged to apply.

Last date of application: 30th August, 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. The candidate selected for the above positions may also get enrolled for Ph.D. degree simultaneously as per the Institute norms.
4. 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