

**MECHANICAL ENGINEERING DEPARTMENT**

January 10, 2023

**ADVERTISEMENT FOR JUNIOR RESEARCH FELLOW IN  
DASSAULT SYSTEMES FOUNDATION SPONSORED PROJECT**

DSF Contract ID: 2023-9446

**Project Title: Development of a setup for the preparation of stubble waste boards to be used in civil construction work**

**Position:** Junior Research Fellow (JRF)

**Duration:** 15 months

**Stipend:** Consolidated Rs 36,000 per month + 10% HRA

- **About the project:** The project aims to design a setup for preparation of straw boards from the stubble waste to be used as replacement material in civil structures / civil construction work. After that fabrication of the designed setup and optimization of the process parameters for straw board manufacturing will be carried out.

**Qualifications:**

**Essential:** First class M.E./M. Tech. in Mechanical Engineering / Design engineering / CAD/CAM Engineering / Production Engineering or relevant Discipline.

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

**Last date of application: 20th January, 2024**

**How to Apply:**

1. Interested candidates are requested to submit a detailed CV to through email (with the subject as "Project Vacancy to DSF Project") to the PI ([rsjoshi@thapar.edu](mailto:rsjoshi@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 above project, kindly email to Dr. Ravinder Singh Joshi.

**Dr Ravinder Singh Joshi (PI)**  
Mechanical Engineering  
Thapar Institute of Engineering and  
Technology, Patiala  
Email: [rsjoshi@thapar.edu](mailto:rsjoshi@thapar.edu)

**Dr Deepak Jain (Co-PI)**  
Mechanical Engineering  
Thapar Institute of Engineering and  
Technology, Patiala  
Email: [deepak.jain@thapar.edu](mailto:deepak.jain@thapar.edu)