

No. IITM /SRIC/ Project No 374/2023

Date: 17 Oct 2023

Advertisement No.: IITM/SRIC/Project No.....374/2023

Applications from Indian nationals are invited under the following project on temporary basis with consolidated salary. The renewal of services for few months/a year or up to the duration of the project will be based on satisfactory performance. The initial appointment will be for a period of 12 months or the end of the project (whichever is earlier).

Title of the Project	Thermo-mechanical fatigue analyses of carbon fibre reinforced polymer composites for aerospace applications: experimental and modelling approach	
Funding Agency	Aeronautics Research & Development Board, DRDO	
Name(s) of the Project Investigator(s)	Dr Himanshu Pathak (PI) and Dr Sunny Zafar (Co-PI)	
School/Center	School of Mechanical and Materials Engineering	
Duration of the Project	In months: 36	End date (30/08/2025):
Post (s)	Consolidated Pay-slab / Salary	Qualifications
JRF	Rs 31,000/- p.m. plus HRA as applicable	B.Tech. or B.E. in Mechanical /Aerospace /Materials /Metallurgy Engineering or equivalent field GATE qualified at least once in academic career.
Preferable/Desirable Experience/Qualification	Candidates with 60% marks or 6.0 CGPA and above will be preferred. Candidate should be familiar with ANSYS/COMSOL computational tool, able to perform fracture and fatigue experimentation, material characterization on SEM/DSC/XRD etc., interpretation of data scientific and appreciable scientific writing skills.	
Job Profile	Structural Design Analysis using FEM based ABAQUS/ANSYS/COMSOL Package, Conduct experimental investigation on Fracture and Fatigue Test, XRD, TEM and SEM.	

The candidates who are interested to apply for the above post should submit the duly filled form with complete CV (having personal details, academic qualifications, research experience, publications, name, affiliation and mobile number, email address of two referees, information regarding

भारतीय प्रौद्योगिकी संस्थान मण्डी
कमान्द – 175075, ज़िला – मण्डी,
हिमाचल प्रदेश, भारत



Indian Institute of Technology Mandi
Kamand – 175 075, District – Mandi,
Himachal Pradesh, India

educational qualifications indicating percentage of marks/division, details of work experience, etc. as pdf attachment **by e-mail with advertisement No. on the subject line to the PI Dr. Himanshu Pathak at email id: himanshu@iitmandi.ac.in**

IIT Mandi reserves the right to fix higher criteria for shortlisting of eligible candidates from those satisfying advertised qualifications and requirement of the project post. The name of the shortlisted candidates will be either displayed on website or communicated individually alongwith **the offline/online interview details.**

Relaxation of marks may be granted to the SC/ST Candidates as per GoI norms. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing GoI rules/ norms. **The last date for submitting the completed applications by email is 15 November 2023 by 5.00 p.m.** In case any clarification is required on eligibility regarding the above post, the candidate may contact at email id: himanshu@iitmandi.ac.in