



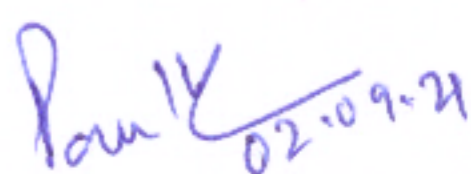
Indian Institute of Technology (Indian School of Mines), Dhanbad
The Office of Dean, Research & Development

Sanction No and Date: AV/VRI/2020/0056 dated 17.06.2021	IIT (ISM) Project No. DST(SERB)(292)/2021- 2022/812/MECH	Date : September 2, 2021
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Research Intern position under Accelerate Vigyan Scheme “VRITIKA” (SERB)

Applications are invited under the sponsored project. The details of the project are as under:

Position	Research Intern (Online/Virtual mode)
Number of Position (s)	Two (02)
Title of The Project	Investigation of thermofluidic characteristic of nanofluid-cooled microchannels
Principal Investigator	Dr. Pawan Kumar Singh (Assistant Professor), Department of Mechanical Engineering, Indian Institute of Technology (ISM) Dhanbad, Dhanbad–826004 (Jharkhand), E-mail: pawan@iitism.ac.in, Phone no.: (0326) 2235135 (Office), +91-7781002230 (Mobile)
Tenure of Project	The position is purely temporary and co-terminus with the project, which is sanctioned for a maximum period of Six Weeks.
Job Description (in maximum of 100 words)	In this project, we will investigate the flow and heat transfer in nanofluids cooled microchannel.
Essential Qualification	M.E./M.Tech./B.E./B.Tech. Degree in Mechanical Engineering/Thermal engineering/heat and Power Engineering with minimum of first class from a reputed institute.
Desirable Qualification	Knowledge of Thermofluid and heat transfer analysis using CFD software packages (e.g. ANSYS FLUENT, ANSYS CFX). Knowledge of two phase flow modelling will be added advantage.
Age and Relaxation (if any)	The upper age limit is 30 years at the time of appointment (Age relaxation for SC/ST/OBC/PH/Female candidates as per GOI rules)
Fellowship	Rs. 12,000/- for Six week
Last Date & Time	Interested candidate are requested to send application with detailed Bio-data and copies of educational qualifications, age proof, GATE certificate (if qualified) and valid cast certificate (if applicable) should reach to the Principle Investigator by E-mail (pawan@iitism.ac.in) in soft copy on or before September 10, 2021 .
Special note	While applying, the applicants produce a letter of authentication from their Supervisor / Head of the Department / Head of the Institute indicating their association with the Institute and “No Objection Certificate (NOC)” for allowing their student to undergo internship, if selected.
Shortlisted candidates will be informed through email on the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview.	


(Signature of PI)