



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

Sanction No and Date: SRG/2022/001028 11/10/2021	IIT (ISM) Project No. DST (SERB) (344) /2022-2023/938/CHEMICAL	Date 10/11/2021
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JRF position under SERB Project

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

Position	Junior Research Fellow
Number of Position (s)	1
Title of The Project	Investigation of slow flows of non-spherical granular materials
Principal Investigator	Prof. Sandip Mandal
Tenure of Project	2 years (appointment of JRF is for one year)
Job Description (in maximum of 100 words)	The project aims to investigate flows of non-spherical granular materials, slow flows, in particular, where shear banding is expected to happen, using Discrete Element Method Simulations. We are seeking a motivated researcher to carry out numerical simulations.
Essential Qualification	M. Tech. in Chemical Engineering/Mechanical Engineering/Civil Engineering, GATE Qualified
Desirable Qualification	Basic knowledge of C/C++ programming, Discrete Element Method (or Molecular Dynamics) simulations, and granular mechanics.
Age and Relaxation (if any)	Preferably under 35 years of age
Fellowship	35,960 INR per month including HRA
Last Date & Time	Interested and eligible candidates are requested to send their updated CV to Prof. Sandip Mandal via sandip@iitism.ac.in on or before 02/12/2022, 6:00 pm.
Shortlisted candidates will be informed 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)