



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

Sanction No and Date: DAR/27/2020 December 07, 2020	IIT (ISM) Project No. DST(SERB)(265)/2020-2021/747/AGP	Date 09.08.2021
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Project Research Assistant position under DST-INSPIRE Project

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

Position	Project Junior Research Fellow
Number of Position (s)	1
Title of The Project	Linking core-mantle coupling to the recent time variations in geomagnetic field
Principal Investigator	Dr. Swarandeeep Sahoo
Tenure of Project	2 years
Job Description (in maximum of 100 words)	Numerical simulations of geophysical fluid dynamical aspects pertaining to the geomagnetic field. The candidate is expected to understand and improve existing numerical procedures for modeling the effect of the lower mantle on core convection and time variations in the observed geomagnetic field. Analysis and interpretation of the numeral data and observed geomagnetic data is to be carried out in order to understand the underlying physical mechanisms and interpret the actual observations of the geomagnetic field.
Essential Qualification	Master Degree in Physics / Geophysics/ Applied Geophysics / Mechanical Engineering
Desirable Qualification	
Age and Relaxation (if any)	35 years.
Fellowship	Rs. 30,000/- per month
Last Date & Time	05:00 pm on 30.08.2021
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.	

Swarandeeep Sahoo Digitally signed by Swarandeeep Sahoo
Date: 2021.08.11 12:16:32 +05'30'

(Signature of PI)