



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

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| Sanction No and Date: DAR/27/2019 15.07.2019 | IIT (ISM) Project No. DST/INSPIRE/(240)/2019- 2020/667/AGP | Date 17.12.2020 |
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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:

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| Position | Project Research Assistant |
| Number of Position (s) | 1 |
| Title of The Project | Thermochemical convection in the Earth's core with thermal core-mantle interaction |
| Principal Investigator | Dr. Swarandeeep Sahoo |
| Tenure of Project | 5 years |
| Job Description (in maximum of 100 words) | Design and development of state of the art experimental facility to investigate geophysical fluid dynamical aspects pertaining to the Earth's core convection. The candidate is expected to design, fabricate and assemble a laboratory scale experimental setup of a rotating platform with thermal measurements and velocimetry capabilities. Analysis and interpretation of the experimental data is to be carried out in order to understand the underlying physical mechanisms. |
| Essential Qualification | Master Degree in Physics/Engineering or any relevant field |
| Desirable Qualification | Experience in manufacturing and mechanical assembly |
| Age and Relaxation (if any) | 35 years |
| Fellowship | Rs 25000/- – Rs 40000/- per month (based on experience) |
| Last Date & Time | 29.12.2020 |

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)