



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

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| Sanction No and Date: CRG/2019/000208 and 30 December, 2020 | IIT (ISM) Project No. DST(SERB)(274)/2020-2021/760/AGP | Date 07.10.2021 |
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JRF position under (DST-SERB) Project

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

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| Position | Junior Research Fellow (JRF) |
| Number of Position (s) | One (01) |
| Title of The Project | Joint Inversion of Shear Coupled-PL Waveforms, Receiver Functions and Dispersion Curves |
| Principal Investigator | Dr. Mohit Agrawal, Assistant Professor, Department of Applied Geophysics, Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand-826004. Email: mohit@iitism.ac.in Phone: 0326-2235957 (office), +91-8804172323 (Mobile) |
| Tenure of Project | Initially for one year extendable up to two years, or till the end of the project, whichever is earlier. Extension will be provided upon satisfactory performance in the project. |
| Job Description (in maximum of 100 words) | Candidate will be engaged in developing novel techniques for joint inversion of various complementary seismological data using statistical tools. |
| Essential Qualification | Candidate must possess first class/division or a minimum of 60% marks/CGPA of 6.0 (on a 10 point scale) in M.Sc/M.Sc. Tech/Integrated M.Sc/Integrated M. Sc. Tech./M. Tech. in Applied Geophysics/ Exploration Geophysics/ Geophysics or M.Sc. Tech in Marine Geophysics or M.Tech in Geophysical Technology or M. Tech (Petroleum Exploration) or M.Tech (Earthquake Disaster, Hazards and Mitigation(EHM)). Candidate should be GATE or NET qualified. |
| Desirable Qualification | Knowledge of FORTRAN, MATLAB, PYTHON, SHELL SCRIPTING etc. |
| 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. 31000/-per month only/As per SERB norms. HRA will be provided if candidate stays outside institute. |
| Last Date & Time | Interested candidates are required to send their application along with detailed CV and copies of educational qualifications, age proof, GATE certificate, and valid caste certificate (if qualified) in a soft copy on or before 25.10.2021 |

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.

(Signature of PI)