



Indian Institute of Technology (Indian School of Mines), Dhanbad

The Office of Dean, Research & Development

Sanction No and Date: CMPDI/CIL/R&D/01-67-2017/1620 dated 29 August 2017	IIT (ISM) Project No. CIL (9)/2017-2018/540/ME	Date: 30-09-2022
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Online Interview for RA & SRF positions under CIL Sponsored R&D Project

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

Positions	Research Associate (RA) & Senior Research Fellow (SRF)
Number of Position (s)	RA -1(One) & SRF - 1(One)
Title of The Project	Development of Virtual Reality Mine Simulator (VRMS) for improving Safety and Productivity in Indian Coal Mines
Principal Investigator	Prof. V. M. S. R. Murthy (vmsrmurthy@iitism.ac.in)
Tenure of Project	Upto 31-07-2023 from date of appointment or till the project tenure whichever is earlier
Overall job Description	Mine visits, data collection on various mining methods, operations and equipment, simulation and modeling, image processing, virtual reality content development of one surface and one underground mine, analysis, report preparation, presentation and overall coordination of the project.
Essential Qualification(s)	Research Associate (RA): Ph.D. in Mining / Computer Science / Electronics & Communication / Electrical Engineering with first class in B.E. / B.Tech. and M.E. / M.Tech. or B.E./B.Tech. and M.E. / M.Tech. in Mining / Computer Science / Electronics & Communication / Electrical Engineering with first class and 3 years of research / teaching / relevant experience. Senior Research Fellow (SRF): B.E. / B.Tech. and M.E. / M. Tech in Mining / Computer Science / Electronics and Communication / Electrical Engineering with first-class.
Desirable Qualification	Work experience in Virtual Reality Content Development / Image Processing / Mining Equipment & Methods
Age and Relaxation (if any)	The upper age limit is 35 Years for RA & 32 Years for SRF, on the last date of filing the application. Age relaxation for SC/ST/PH/OBC as per GOI rules.
Fellowship	Research Associate (RA): Rs. 40,000/- pm. Senior Research Fellow (SRF): Rs. 28,000/- pm
Last date of application	15-10-2022 [based on number of applications received, the last date of the application may get extended by 1-2 weeks which can be seen on the IIT (ISM) website]

*The applicants will ensure their eligibility in respect of qualifications, experience, age and other relaxations before appearing in the **Online Interview**. The candidates are requested to **send** soft copies of bio-data, passing certificates (X, XII, BE/BTech, ME/MTech, PhD) and supporting documents **as applicable** to **ashokmin@iitism.ac.in** mentioning subject as **“Recruitment for RA/SRF in VRMS Project”** by 15-10-2022. Eligible candidates will be notified about the details of Online Interview by Email.*