



INDIAN INSTITUTE OF TECHNOLOGY
KHARAGPUR – 721 302, INDIA
Sponsored Research and Industrial Consultancy

ADVERTISEMENT NO. : IIT/SRIC/R/AEH/2026/112, DATED 2026-08-20

Applications are invited through online for the following assignment in a purely time bound research project undertaken in the Department of Mining Engineering of this institute.

- Name of the temporary assignment : 1) Junior Research Fellow (JRF), No. of post: 1.
- Name of the temporary research project : An AI Enabled Platform for Diagnosis Prognosis and Health Management of Mining Electrical Systems: A Case Study on the Drag Line (Project Code – R/AEH)
- Dept./Centre/School : 1) Mining Engineering
- PI/Co-PI : Prof./Dr. Sunita Mishra
- Application fee(In Rs.) : General / Male / OBC: 0
, Female : 0, SC/ST: 0
- Last date of application : September 03, 2026
- Name of the Sponsoring Agency : CENTRAL MINE PLANNING AND DESIGN INSTITUTE LIMITED(CMPDI (A Subsidiary of Coal India Limited/Govt. of India Public Sector Undertaking) Gondwana Place, Kanke Road, Ranchi -834031 Jharkhand (india))
- Consolidated Compensation (per month) : 1) upto 37000
(depending on qualification and experience)
- Qualifications & Experience : 1)
Essential Qualification :
Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following:
a. Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.
b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc.
- Desired Experience :
M.Tech / M.E. in Civil, Mechanical, Mining or Applied Mechanics Engineering.
OR
B.Tech with a valid GATE score or B.Tech with a high CGPA from an institute of good NIRF rank. GATE score is a must. For candidates from NIT and IIT with CGPA greater than 8.0 the GATE score may be waived.
- Strongly Desired:
Knowledge in Solid Mechanics and experience with experimental or computational techniques related to stress-strain analysis.
Candidates are required to work on concepts of fracture mechanics, structural health monitoring, FEM-based numerical simulations, high-speed imaging analysis, and mathematical models.
- Age Limit : 28 years. Age rules may be relaxed upon fulfilling sponsor agency rules if any.
- Tenure : 24 Months or the termination of the project, whichever is earlier.

Note:1. The qualifications and experience prescribed are the minimum and mere possession of the same does not entitle a candidate to be called for the interview.
2. Age as on last date of advertisement.

Application fee shall be deposited in the following bank account through RTGS/NEFT/NET Banking etc. as under:
1).BANK NAME: STATE BANK OF INDIA(00202);2).BANK ADDRESS: P.O:KHARAGPUR TECHNOLOGY,DIST:MIDNAPORE;WEST BENGAL-721302;3).NAME OF BANK A/C: IIT SRIC-OM Account;4).ACCOUNT NO: 39502115210;5).IFSC CODE: SBIN0000202;6).SWIFT CODE: SBININBB339;
~~The transaction details(UTR No./Transaction ID etc.) should be mentioned in the Application Form.~~

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