



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

ADVERTISEMENT NO. : IIT/SRIC/R/AEH/2026/109, DATED 2026-07-29

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) Senior Research Fellow (SRF) - Research, 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) Electrical Engineering
- PI/Co-PI : Prof./Dr. Aurobinda Routray
- Application fee(In Rs.) : General / Male / OBC: 0
, Female : 0, SC/ST: 0
- Last date of application : August 31, 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 42000
(depending on qualification and experience)
- Qualifications & Experience : 1)
Essential Qualification :
Masters in EE/EC/CS/IN/DA or related branches of Electrical Sciences with valid GATE Score with 2 years experience OR BTech in EE/EC/CS/IN or related branches of Electrical Sciences with valid GATE Score with 2 years experience

Desired Experience :
Demonstrated experience in data analytics, signal processing, machine learning, Artificial Intelligence models and software systems.
Strong proficiency in MATLAB, Python, libraries like Pandas, Numpy and Scikit-Learn for data manipulation and statistical modeling.
Expertise working with one or more deep learning frameworks like TensorFlow and PyTorch.

Age Limit : 32 years. Age rules may be relaxed upon fulfilling sponsor agency rules if any.

Tenure : 12 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.