



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

Mr. Rajarshi Banerjee

Administrative Officer (Projects)

ADVERTISEMENT NO. : IIT/SRIC/R/AEH/2026/109, DATED August 26,2026

Applications are invited on plain paper for the following assignment in a purely time bound research project undertaken in the Department of Mining Engineering of this institute for a period of one year from the date of joining with a provision of extension for a maximum period up to four years or termination of the project, whichever is earlier, based on performance.

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| 1. Name of the temporary assignment | : | 1) Senior Research Fellow (SRF) 1 post/s |
| 2. 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) |
| 3. Name of the Sponsoring Agency | : | CENTRAL MINE PLANNING AND DESIGN INSTITUTE LIMITED CMPDI |
| 4. Consolidated Compensation (per month) | : | 1) Rs. 42000 /-
(depending on qualification and experience) |

5. Qualifications & Experience :

1) Rs. 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
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. /-

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.

(Rajarshi Banerjee)