



INDIAN INSTITUTE OF TECHNOLOGY

KHARAGPUR – 721 302, INDIA

Sponsored Research and Industrial Consultancy

Mr. Rajarshi Banerjee

Administrative Officer (Projects)

ADVERTISEMENT NO. : IIT/SRIC/R/GUN/2026/102, DATED October 12,2026

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) Junior Research Fellow (JRF) 1 post/s |
| 2. Name of the temporary research project | : | Development of pillar support guidelines for underground coal mines using field monitoring and advanced numerical modeling
(Project Code – R/GUN) |
| 3. Name of the Sponsoring Agency | : | Anusandhan National Research Foundation (ANRF) |
| 4. Consolidated Compensation (per month) | : | 1) Rs. 37000 /-
(depending on qualification and experience) |

5. Qualifications & Experience :

1) Rs. 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.

Essential Qualification: BE/BTech in Mining Engineering/Earth Sciences/Civil Engineering with first division and valid GATE score. OR ME/MTech in Mining Engineering/Earth Sciences/Civil Engineering with first division. Relevant experience:

(i) Knowledge of numerical modelling techniques (FLAC/UDEC/RS2 etc.), scripting and data analysis, (ii) The candidate should have a good academic record, (iii) The candidate should be well-versed in writing scientific documents and reports. /-

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)