



राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम
NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM
(An Institution of National Importance under the Ministry of HRD, Govt. of India)
CHALTLANG, AIZAWL, MIZORAM - 796012

Phone/Fax: 0389-2391236 / 0389- 2391774/0389-2391699

Email: nit_mizoram@nitmz.ac.in

Advertisement for JRF Position

NITMZ/RP-20/2023/3973 JRF dated 07/02/2023

Applications are invited for highly motivated and dynamic eligible candidates for the Junior Research Fellow (JRF) position to work on a sponsored research project funded by the Core Research Grant from *Science and Engineering Research Board (SERB)*. The theme of the project is as follows:

The liquid-filled transformers experiences fire accidents, and oil spillages causing environmental pollution. Due to this, dry-type transformers installations are increasing in recent times for their environmentally friendly nature. Condition monitoring becomes a vital part of dry-type transformer maintenance. This project provides a long-term solution for the transformer and its insulation's health monitoring and analysis which ensures the transformer's better operation and maintenance.

Project Title: Study of the Condition Monitoring Technique of Dry-Transformers

Project Investigators: Prof. Saibal Chatterjee (NIT Mizoram) and Prof. Biswendu Chatterjee (Jadavpur University)

The minimum essential and desirable qualifications for the project posts are as follows:

Name of the Position	Junior Research Fellow (JRF). One (01)
Eligibility	-M.E./M.Tech degree in Electrical Engineering/Power Engineering/Energy Engineering/Electrical and Electronics Engineering (or Equivalent) - M.E./M.Tech in Power Systems/ High Voltage with 60% marks or CGPA of 6.5 and above, with a B.Tech in Electrical engineering/ Electrical and Electronics Engineering/ Electrical Instrumentation Engineering/ Electrical and Computer Engineering -GATE/NET qualification is mandatory.
Duration	3 years
Fellowship	Rs. 31.000/-per month + 8% HRA (as per rules) for the first year. Rs. 31.000/-per month + 8% HRA (as per rules) for the second year. Rs. 35.000/- per month +8% HRA (as per rules) for the third year.
Desirable	➤ Candidates with a strong background in Power systems and High Voltage are encouraged to apply. ➤ The selected candidates shall be encouraged to register for Ph.D at NIT Mizoram in Electrical and Electronics Engineering based on the qualification.
Other	As per updated DST norms

Application	Interested and eligible candidates:
Procedure	1. Fill out the Google form by clicking the link below: https://docs.google.com/forms/d/e/1FAIpQLSda_11HtIKLdGKApUnV57THuLTWaexZwhcuN3_BhTLC-p-qgA/viewform?usp=sf_link 2. Last date 28th February 2023.

Short-listed candidates will be communicated to appear for an interview on a **convenient date (which will be informed separately via email)**.

Important Instructions: *The assignment is purely temporary in nature. All the terms and conditions for this recruitment will be as per the guidelines of SERB, DST, Govt. of India. All original documents in support of educational qualifications and work experience must be produced at the time of interview/joining. No TA/DA will be provided for appearing in the interview. Shortlisted candidates will be informed by e-mail with the date. Candidates are advised to check their emails regularly. The selected candidate shall be encouraged to register for the Ph.D programme at NIT Mizoram and he / she has to work in the High Voltage Lab in the Department of Electrical Engineering, Jadavpur University for the experimental work.*

For any other information, the candidates may contact the principal investigator directly by email/phone.

Prof. Saibal Chatterjee (Principal Investigator)

Professor, Electrical and Electronics Engineering

NIT Mizoram, Chaltlang, Aizawl

Mizoram-796012, India

Email: saibal.eee@nitmz.ac.in, Phone: +91-9862035879

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