



भारतीय प्रौद्योगिकी संस्थान इंदौर

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IIT Indore

Dated: September 11, 2024

**Advertisement for Senior Research Fellow (SRF) Position Under CSIR
Funded Project**

Applications are invited from interested and motivated candidates for the post of Senior Research Fellow (SRF)/ in a time bound research project for a temporary period, purely on contractual basis as per the following details.	
Position	Senior Research Fellow(SRF)
Number of Vacancy	1
Project Title	Real-time estimation and monitoring of Regional and wide area system inertia using synchrophasor measurements
Department	Electrical Engineering
Project Tenure	3 years and/or co-terminus with the project
Job Description	The aim of the project is to utilize synchrophasor measurements from PMUs and develop an event-based technique to estimate the inertia of power systems. It also aims to develop a continuous inertia estimation scheme, which may be AI-based tool. Strong background in synchrophasors and AI techniques are desirable.
Essential Qualification	(i) BE, BTech, or equivalent degree in Electrical Engineering/Electrical and Electronics Engineering, and at least two years of BE, BTech, research experience, as evidenced from published papers in standard refereed journals (ii) ME, MTech or equivalent degree in power systems/power electronics
Age Limit	32 yrs
Age relaxation	The upper age limit is relax-able up-to 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.
Fellowship	Senior Research Fellow (SRF)- Rs. 42,000/- p.m.

Note: The selected candidate will be encouraged to register for PhD program as a regular full-time research scholar at IIT Indore

Interested candidates are required to submit a detailed CV to **Dr. Trapti Jain**, Department of Electrical Engineering, Indian Institute of Technology Indore, via e-mail: traptij@iiti.ac.in. The subject line should necessarily mention “Application of SRF under CSIR Project”.

Please note that the CV should include contact details (address, mobile phone no., email ID), date of birth, qualifications mentioned clearly. Complete information regarding publications of research papers in SCI Journals should be mentioned in the CV. Incomplete applications will be rejected.

The last date for submission of applications is October 14, 2024. Only shortlisted candidates will be intimated by email for the interview.