



# Indian Institute of Technology Indore

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IIT Indore

भारतीय प्रौद्योगिकी संस्थान इन्दौर  
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## **Advertisement for a Research Associate -I (RA-I) Position under the ANRF sponsored project**

Date: 03/04/2026

Applications are invited from interested and motivated candidates for the post of **Research Associate -I (RA-I)** in a research project as per the following details.

<b>Position</b>	<b>Research Associate -I (RA-I)</b> (Under ANRF-ARG Project No. ANRF/ARG/2025/007522/ENS)
<b>Number of Vacancy</b>	01
<b>Project Title</b>	Artificial Intelligence (AI)-based Digital Twin Framework for Real-Time Transient Stability Assessment and Protection of Renewable-dominated Power Systems.
<b>Department</b>	Electrical Engineering
<b>Fellowship duration</b>	Initial appointment is for one year, which is extendable up to 3 years solely based on performance.
<b>Job Description</b>	In this project, the candidate will have to (i) model and simulate a power system integrating different renewable sources, and (ii) perform real-time transient stability assessment for renewable-integrated power systems using RTDS.
<b>Essential Qualification</b>	(i) Ph.D. in EE or related branch. (ii) M.E./ M.Tech./ M.S. (in EE/ EEE) with specialization in the area of Power Systems or Power Electronics. and/ or B.E./ B.Tech./ other equivalent degree in Electrical Engineering/ Electrical & Electronics Engineering (with first division as defined by the awarding Institute/ University)  <b>Note:</b> Candidates who have not been awarded Ph.D. degree, but submitted their thesis may also apply.
<b>Desirable Qualification</b>	Candidates will be preferred, having the knowledge of (i) power system modelling with renewable energy sources in RSCAD/ RTDS (ii) transient stability assessment in power systems. (iii) Application of AI/ ML techniques in power systems.
<b>Fellowship</b>	Rs. 58,000/- p.m. + HRA <b>HRA will be provided as per institute norms.</b>

Interested candidates are requested to submit a detailed softcopy of their CV with all relevant Essential Qualification Degree Certificates, Marks Sheets, Date of Birth Proof Certificate in a single pdf file to [spaladhi@iiti.ac.in](mailto:spaladhi@iiti.ac.in) by **25/04/2026, 5 PM**. Tentative Date of Interview: **Last week of April 2026**.

Only shortlisted candidates will be called for online interviews. Date of interview will be informed by email. The Google Meet link will be shared only with the shortlisted candidates before the interview date. The appointment is purely temporary and co-terminus with the project.

For any prior information regarding the activities of our research group at IIT Indore, you may visit <https://sites.google.com/view/subhadeep-paladhi> and <https://poweriiti.weebly.com/people.html> .

**Address for Correspondence:**

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