



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
కంది - 502284, సంగారెడ్డి, తెలంగాణ, భారతదేశము

भारतीय प्रौद्योगिकी संस्थान हैदराबाद

कंडी - 502284, संगारెड्डी, तेलंगाना, भारत

Indian Institute of Technology Hyderabad

Kandi - 502284, Sangareddy, Telangana, INDIA

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भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Date: 26-04-2023

Advertisement for the JRF position

at

Department of Electrical Engineering, IIT Hyderabad

Applications are invited for the position of a JRF at the SPARC laboratory of the Department of Electrical Engineering in IIT Hyderabad.

Title of the project	Efficient Regulation of the Photovoltaic Power Output under the Partial Shading: A Paradigm Shift from MPPT to RPPT
Name of the post	Junior Research Fellow (JRF)
Number of vacancies	01
Job description	Power converter design, converter circuit development, PCB design, embedded controller programming.
Sponsoring agency	DST-SERB
Appointment period	Initial appointment will be made for a period of 1 year. Based on the performance and fund availability, appointment may be extended further.
Monthly emolument	Rs. 31,000 + HRA
Essential qualification	<ol style="list-style-type: none">1. M-Tech/ME in Electrical Engineering with specialization in power, control or instrumentation.2. Minimum CGPA of 6 (or 60% score) in B-Tech/BE.3. Minimum CGPA of 7 (or 70% score) in M-Tech/ME.4. A GATE score in any year.
Desirable knowledge	The candidate is expected to have good knowledge in C and MATLAB programming. The candidate should also be familiar with the hardware development related to power electronics applications.
Age limit	30 years as on 11-05-2023.
Application procedure	The following documents should be sent via a zipped folder to Mr. Satheesh at satheesh.t@ee.iith.ac.in by 11-05-2023. <ol style="list-style-type: none">1. Complete CV with contact details and photograph.2. B-Tech certificate.3. B-Tech final score card (as the proof of CGPA/percentage score).4. M-Tech certificate.5. M-Tech final score card (as the proof of CGPA/percentage score).6. GATE score card.7. Proof of the date of birth.
Selection procedure	<ol style="list-style-type: none">1. Applications will be first shortlisted based upon the B-Tech/BE, M-Tech/ME and GATE scores.2. Shortlisted candidates after the initial screening will be informed about the date of interview within 2 weeks. The interview call letter will be sent via an e-mail to the e-mail id mentioned in the CV.3. The final selection will take place via an online interview.

For further clarifications, candidates may write to the project PI (Dr. Vaskar Sarkar) at vaskar@ee.iith.ac.in.