



(An Institution of National Importance under MHRD, Government of India)
Melakkotaiyur, Off Vandalur-Kelambakkam Road, Chennai-600127

Ph: +91 44 2747 6393 Fax: +91 44 2747 6301

Email: sricce@iiitdm.ac.in

Advt. No: IIITDMK/PR/JRF/A04/2023

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Advertisement for Junior Research Fellow

Indian Institute of Information Technology Design and Manufacturing (IIITDM), Kancheepuram is an Institution of National Importance established in 2007 by the Ministry of Human Resource Development, Government of India and is located at outskirts of Chennai (Off Vandalur-Kelambakkam Road). It is a Centre of Excellence for pursuing Design and Manufacturing Oriented Engineering Education and Research and for promoting competitive advantage of Indian products in global markets.

IIITDM Kancheepuram is presently offering undergraduate, postgraduate, dual-degree programmes in the areas of Computer, Electronics, Mechanical Engineering and Inter-Disciplinary Ph.D. programmes in core and applied areas of basic sciences (Physics and Mathematics) and engineering. It functions with the vision to groom engineers with design and manufacturing skills. The institute gives significant amount of emphasis for practice courses and theory concepts are also explored along with the relevant laboratory course.

IIITDM Kancheepuram invites **online application** for the following research project position:

Name of the Research Project	Investigation on the Stability of Phase Locked Loop for the Control of Grid-tied Solar Photovoltaic (PV) System under Grid Fault Conditions
Duration of the project	36 months
Duration of Appointment	1 year; likely to be extended for 2 more years.
Name of the principal Investigator	Dr. B. Chitti Babu, PV Research Laboratory, IIITDM Kancheepuram, Chennai – 600 127, TN.
Funding Agency	Department of Science and Technology (DST) – Science and Engineering Research Board (SERB)
Name of the Project Position	Junior Research Fellow (JRF) (1 Position)
Qualification	B. E/B. Tech in Electrical and Electronics Engineering or relevant branch And M.Tech/M.E. degree in Power Electronics/ Power System/ Renewable Energy Systems/ Industrial Drive and Control/ or Engineering in an area relevant to the research. With valid GATE score students will be preferred. Prior knowledge in Power electronics, Power system analysis and simulations and coding skills in MATLAB/Simulink etc.

	Hardware experience will be preferable.
Age	Preferably below 32 Years
Stipend (Consolidated)	Rs. 31,000/- p.m. for first two years and Rs. 35,000/- for the third year
Other Benefit	Project Staff / Selected candidate may apply for Ph.D programme at the Institute, if he / she fulfills all the requirements prescribed by the Institute

General Conditions/Instructions for all posts:

1. Online application only accepted. No need to send a hard copy of the application.
2. Candidates need to apply through institute website.
3. Indian Nationals need to apply.
4. The candidates are required to work mainly for the success of the project.
5. The position is temporary.
6. Candidates should bring self-attested copies of the relevant certificates/testimonials along with the original certificates/documents at the time of interview.
7. No travelling or any other allowances is admissible for attending the interview.
8. The Institute reserves the right not to fill up the position, if it so decides.
9. The Institute reserves the right to terminate the appointment at any time before completion of the period, if it so decides.
10. No interim correspondence will be entertained.
11. Canvassing in any form will lead to disqualification.
12. Shortlisted candidates will be intimated through email.
13. Shortlisted candidates will have to appear for a written test and interview.
14. Last date for submission of online application is **5th March 2023**

Place of Interview: Online / Face to face

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Melakkottaiyur, Off Vandalur-Kelambakkam Road,

Chennai-600127

Contact No: 044-27476393

Email: srcice@iiitdm.ac.in

Sd/x

Dean (SR)

IITDM Kancheepuram