



(An Institution of National Importance under MoE, Government of India)

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Advt. No:IIITDMK/PR/JRF/A5/2022

28th March 2022

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 Education (MoE), 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 programmed in the areas of Computer, Electronics, Mechanical Engineering and inter-disciplinary Ph.D. programmers in core and applied areas of basic sciences and humanities (Physics, Mathematics, and English) 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	DESIGN AND IMPLEMENTATION OF HYBRID PHOTOVOLTAIC AND THERMOELECTRIC SYSTEM FOR EFFICIENT ENERGY HARVESTING
Sponsoring agency	Science and Engineering Research Board (SERB)
Position title	Junior Research Fellow (1 Position)
Duration of the project	3 years
Essential qualification	B.E./ B.Tech/ or equivalent degree in Chemical Engineering / Mechanical Engineering /Chemical Technology /Energy Engineering and having a valid GATE score with a minimum CGPA of 8.0 on a 10-point scale/ 80% marks. (or) First Class ME/M.Tech in Chemical Engineering / Mechanical Engineering (Thermal Engineering) /Energy Engineering / Nanotechnology / Environmental/ Solid State Technology/ Materials Science or equivalent. (or) MS / M.Sc. or equivalent in any Science discipline with GATE/UGC/CSIR/NBHM/DAE-JEST
Age	31 Years (A relaxation upto 5 years is provided to the candidates belonging to OBC, SC/ ST/ PwD/ Women and Physically handicapped)
Stipend	Rs. 31,000 p.m (1 st and 2 nd Year) and Rs. 35,000 p.m (3 rd Year)
Desired qualifications	Prior knowledge/ prior experience in synthesis of nanomaterial, characterization, testing and analysis.
Job nature	The selected candidate needs to work on the development of nanomaterial as photothermal conversion layer for Hybrid Thermoelectric generator/ Photovoltaic application, characterize the nanomaterial and conduct the laboratory test of the sample. Research report/article writing and presentation should be made in collaboration with SERB.
Other benefits	The selected candidates are eligible to register for PhD degree at IIITDM Kancheepuram as per institute rules. However, s(he) needs to apply for PhD position when the advertisement is open.
Last date to apply	28-04-2022 (5 pm)
Name of the principal Investigator	Dr. Pandiyarasan Veluswamy and Dr Jayabal K

General Conditions/Instructions for all posts:

1. Online application only accepted.
2. Indian Nationals need to apply.
3. The candidates are required to work mainly for the success of the project.
4. The position is temporary and renewable each year subject to satisfactory performance, for a maximum of three (03) years or up to duration of the project, whichever is earlier.
5. Candidates should bring self-attested copies of the relevant certificates/testimonials along with the original certificates/documents at the time of interview. The mode (online/offline) of interview will be communicated later.
6. No travelling or any other allowances is admissible for attending the interview.
7. The Institute reserves the right not to fill up the position, if it so decides.
8. The Institute reserves the right to terminate the appointment at any time before completion of the period, if it so decides.
9. No interim correspondence will be entertained.
10. Canvassing in any form will lead to disqualification.
11. Shortlisted candidates will be intimated through email
12. Application form link:
13. Tentative date for the written/interview on 06-05-2022

Place of Interview:

Indian Institute of Information Technology Design and Manufacturing, Kancheepuram

Melakkottaiyur, Off Vandalur-Kelambakkam Road,

Chennai-600127

Contact No: 044-27476393

Email: srcce@iiitdm.ac.in

Sd/x

Dean (SR)

IIITDM Kancheepuram