INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING, KANCHEEPURAM

भारतीय सूचना प्रौद्योगिकी, अभिकल्पना एवं विनिर्माण संस्थान कांचीपुरम

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

Melakkotaiyur, Off Vandalur-Kelambakkam Road, Chennai-600127

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Advt.No:IIITDMK/SRICCE/PR/JRF/33/2023 12th Oct 2023

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	NICU Neonatal Monitor: Smart textile-based sensor design, development and fabrication
Sponsoring agency	SERB
Position title	Junior Research Fellow (1 Position)
Duration of the project	3 years
Duration of Appointment	Initially for One year. May be extended
Essential qualification	Bachelor's degree in Engineering/Technology with an exceptionally good academic record with the following conditions: a) BE/B. Tech degree holder from CFTI (Centrally Funded Technical Institute) with a minimum CGPA of 8.0 on a 10-point scale or with a valid GATE score. b) A Bachelor's degree holder in Engineering/Technology from any other University should be among the top 10 rank holders in the University and with a valid GATE score. c) A Bachelor's degree holder in Engineering/Technology and employed in a reputed R & D organization with an excellent research record recognized by Govt. of India. (Refer to R&D Brochure of DST). (or) Candidates with a Master's degree in Engineering/Technology (ME / M. Tech / M Des) or a Master of Science (MS) degree by Research in Engineering/Technology or 5-year integrated Masters with a good academic record. (or) Candidates with a Master's degree in Sciences/Arts with a good academic record and of exceptional merit were eligible and with a valid GATE score or CSIR UGC NET/NBHM/DAE-JEST or equivalent qualification.
Age	Preferably below 32 Years (Age relaxation as per Govt. norms applicable)

Stipend	Rs. 31,000 p.m. (1st and 2nd Year) and Rs. 35,000 p.m. (3rd Year) plus HRA as per SERB & IIITDM norms
Job Description	The selected candidate needs to work on Fabrication, Sensor development, Data collection, Data processing, Signal Analysis, Machine learning and Deep Learning Model development. Research report/article writing and presentation should be made in collaboration with SERB.
Other benefits	The selected candidates can register for the PhD degree at IIITDM Kancheepuram as per institute rules. However, s(he) needs to apply for a PhD position when the advertisement is open.
Last date to apply	**03-11-2023 (11.59 pm)**
Name of the principal Investigator	Dr. Pandiyarasan Veluswamy and Dr Rohini P

General Conditions/Instructions for all posts:

1. Online application only accepted.
2. Application form link: https://forms.gle/7TQ1odJtxHA66Gpq8
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 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.
6. 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 the interview will be communicated later.
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. Tentative date for the written/interview on 06-11-2023

Place of Interview:

Indian Institute of Information Technology Design and Manufacturing, Kancheepuram
Melakkottaiyur, Off Vandalur-Kelambakkam Road,
Chennai-600127
Contact No: 044-27476393
Email: sricce@iiitdm.ac.in/pandiyarasan@iiitdm.ac.in

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IIITDM Kancheepuram