

INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY DESIGN AND
MANUFACTURING, KANCHEEPURAM



भारतीयसूचनाप्रौद्योगिकी,
अभिकल्पनाएवंविनिर्मानसंस्थान, कांचीपुरम

(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/A11/2023

27.04.2023

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 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 programmed in the areas of Computer, Electronics, Mechanical Engineering and inter-disciplinary Ph.D. programmers 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	HiFi GENIE-High precision Fire detection system using smart decision support with GEO assisted Navigation for Industry 4.0 Establishment
Name of the principal Investigator	Dr. Preeth R, Assistant Professor, Dept. of CSE, IIITDM Kancheepuram
Funding Agency	Science and Engineering Research Board (SERB) – Department of Science and Technology (DST)
Name of the Project Position	Junior Research Fellow (1 Position). Total Duration – 24 months
Duration of Appointment	3 months, likely to be extended for another 5 months
Qualification	Career first class with B.E/B.Tech and M.E/M.Tech in Computer Science/Electronics and Communication/ Engineering (or related areas, such as IT, Networking, IoT, Cloud Computing, Wireless Communication/ Information Security etc.) (or) Career first class with B.E/B.Tech in Computer Science/Electronics and Communication /Engineering (or related areas, such as IT, Networking, IoT, Cloud Computing, Wireless Communication / Information Security etc.) and valid GATE Score

Name of the Research Project	HiFi GENIE-High precision Fire detection system using smart decision support with GEO assisted Navigation for Industry 4.0 Establishment
Age	Preferably below 32 Years
Stipend	Rs.31,000/-per month.
Other Benefits	The selected candidate can apply for the PhD programme at IIITDM Kancheepuram subject to fulfilling the criteria prescribed by the institute.
Desirable Skills	<ul style="list-style-type: none"> • Understanding of basics algorithms and network protocol design • Basic knowledge of wireless communications, IoT, Cloud Computing • Work/Project development experience using Micro controllers (e.g. Arduino or Raspberry-pi) and software such as NS-3, Python etc.

General Conditions/Instructions for all posts:

1. Online applications are only accepted.
2. **Application form link:** <https://forms.gle/37WTuYQvC5pwK4Yg7>
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.
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 interview will be communicated later.
7. No traveling 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. Last date for submission of online application is **20-05-2023**

Place of Interview: Online / Face to face

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

Sd/x

Dean (SR)

IIITDM Kancheepuram