

**INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY DESIGN AND
MANUFACTURING, KANCHEEPURAM**



भारतीय सूचना प्रौद्योगिकी
अभिकल्पना एवं विनिर्माण संस्थान कंचीपुरम

(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/A06/2022

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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 the 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 programs 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 a 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	Development of Energy Efficient Wireless Sensor Network and Communication Platform for Precision Agriculture
Duration of the project	24 Months
Name of the principal Investigator	Dr. Sanjeet Kumar Nayak, Assistant Professor, Dept. of CSE, IIITDM Kancheepuram, Chennai
Funding Agency	TIH Foundation for IoT and IoE (TIH-IoT) at IIT Bombay
Name of the Project Position	Junior Research Fellow (1 Position)
Age	Preferably below <u>32</u> Years
Stipend	Rs. <u>31,000</u> per month

Qualification	<p>Career first class with B.E/B.Tech and M.E/M.Tech in Computer Science/Engineering (or related areas, such as IT, Networking, IoT, Cloud Computing, Cyber Security/Information Security etc.)</p> <p>(or)</p> <p>Career first class with B.E/B.Tech in Computer Science/Engineering (or related areas, such as IT, Networking, IoT, Cloud Computing, Cyber Security/Information Security etc.) and valid GATE Score</p>
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. • Basic knowledge of Mobile and Web application development.

General Conditions/Instructions for all posts:

1. Online applications are only accepted.
2. **Application form link:** <https://forms.gle/kNp6oibUu5ySXeuUA>
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 the 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 **May 06, 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@iitdm.ac.in

sd/x

Dean (SR)

IITDM Kancheepuram