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

भारतीय सूचना प्रौद्योगिकी,
अभिकल्पना एवं विनिर्मान संस्थान, कांचीपुरम

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

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Advt. No: IIITDMK/PR/PA-I/A18/2023                                                06.07.2023

## Advertisement for Project Associate - I

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:

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| **Name of the Research Project** | **Development of Energy Efficient Wireless Sensor Network and Communication Platform for Precision Agriculture** |
| **Name of the Principal Investigator** | Dr. Sanjeet Kumar Nayak, Assistant Professor, Dept. of CSE, IIITDM Kancheepuram, Chennai |
| **Name of the Co-principal Investigator** | Dr. Ramnarayan Yadav, Assistant Professor, Dept. of E&CSE, IITRAM, Ahmedabad |
| **Funding Agency** | TIH Foundation for IoT and IoE (TIH-IoT) at IIT Bombay |
| **Name of the Project Position** | Project Associate - I (1 Position) |
| **Duration of Appointment** | Initially for 6 months, likely to be extended for 6 more months |
| **Age** | Preferably below <u>32</u> Years |
| **Stipend/Qualification** | **(i)**      **Rs. 31,000 per month** <br> 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.) <br><br> **OR** <br><br> 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 |

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|---|---|---|
| | **(ii)** **Rs. 25,000 per month** <br> B.E/B.Tech in Computer Science/Engineering (or related areas, such as IT, Networking, IoT, Cloud Computing, Cyber Security/Information Security etc.) | |
| **Desirable Skills** | ● Understanding of basics algorithms and network protocol design <br><br> ● Basic knowledge of wireless communications, IoT, Cloud Computing <br><br> ● Work/Project development experience using Micro controllers (e.g. Arduino or Raspberry-pi) and software such as NS-3, Python etc. <br><br> ● Basic knowledge of Mobile and Web application development. <br><br> ● Good English and Report Writing Skills. | |
| **Other Benefits** | ● The selected candidate may apply for the PhD degree at IIITDM Kancheepuram if he/she fulfills all the requirements prescribed by the Institute. | |

**General Conditions/Instructions for all posts**:

1. Online applications are only accepted.

2. **Application form link:** https://forms.gle/kPrVTL5e3jh33HAy7

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 written test/ 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 **July 23, 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

Sd/x

Dean (SR)

IIITDM Kancheepuram