



(An Institution of National Importance under MHRD, Government of India)  
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Advt. No: IIITDMK/PR/INTERN/A26/2022

12th Oct 2022

### Advertisement for Project Intern

Indian Institute of Information Technology Design and Manufacturing (IIITDM), Kanchepuram 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 Kanchepuram 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 Kanchepuram invites **online application** for the following research project position:

<b>Name of the Research Project</b>	<b>Design and Development of Microservice-Based Fog-Enabled Infrastructure for Smart Agriculture</b>
<b>Duration of the project</b>	12 Months
<b>Name of the Principal Investigator</b>	Dr. Sanjeet Kumar Nayak, Assistant Professor, Dept. of CSE, IIITDM Kanchepuram, Chennai
<b>Name of the Co-principal Investigator</b>	Dr. Ramnarayan Yadav, Assistant Professor, Dept. of E&CSE, IITRAM, Ahmedabad
<b>Funding Agency</b>	TIH Foundation for IoT and IoE (TIH-IoT) at IIT Bombay
<b>Name of the Project Position</b>	Project Intern (4 Positions)
<b>Duration of Appointment</b>	Initially for 4 Months, likely to be extended for 6 more months
<b>Age</b>	Preferably below 24 Years
<b>Stipend/Qualification</b>	<b>Rs. 7500/- per month</b> Carrier First Class and Pursuing B.E/B.Tech in Computer Science and Engineering, Electrical Engineering, ECE (or related areas, such as IT, Networking, IoT, Cloud Computing, Cyber Security/Information Security etc.). He/She must have completed at least first year of their degree program.

<b>Desirable Skills</b>	<ul style="list-style-type: none"><li>• Understanding of basics algorithms and network protocol design</li><li>• Basic knowledge of wireless communications, IoT, Cloud Computing, Docker, Container</li><li>• Work/Project development experience using Micro controllers (e.g. Arduino or Raspberry-pi) and software such as NS-3, Python etc.</li><li>• Basic knowledge of Mobile and Web application development.</li><li>• Good English and Report Writing Skills.</li></ul>
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**General Conditions/Instructions for all posts:**

1. Online applications are only accepted.
2. **Application form link:** <https://forms.gle/mwCQhQR6rjWzoGQQ7>
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.
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 **October 29, 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: [srcice@iiitdm.ac.in](mailto:srcice@iiitdm.ac.in)

Sd/x

Dean (SR)

IIITDM Kancheepuram