

INDIAN INSTITUTE OF INFORMATION  
TECHNOLOGY DESIGN AND  
MANUFACTURING, KANCHEEPURAM



भारतीय सूचना प्रौद्योगिकी,  
अभिकल्पना एवं विनिर्माण संस्थान, कांचीपुरम

(An Institution of National Importance under MHRD, Government of India)  
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Advt. No: IIITDMK/PR/INTERN/A10/2023

24th April 2023

### **Advertisement for Project Intern**

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:

<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 Kancheepuram, 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 (1 Position)
<b>Duration of Appointment</b>	3 Months
<b>Age</b>	Preferably below <u>24</u> Years

<b>Stipend/Qualification</b>	<p><b>Rs. 7500/- per month</b></p> <p>Carrier First Class and Pursuing B.E/B.Tech in Computer Science and Engineering (or related areas, such as IT, Networking, IoT, Cloud Computing, Cyber Security/Information Security etc.). He/She must have completed at least the second year of their degree program.</p>
<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, Drones</li> <li>● Work/Project development experience using Micro controllers (e.g. Arduino or Raspberry-pi), Drones etc.</li> <li>● Basic knowledge of Mobile and Web application development.</li> <li>● Good English and Report Writing Skills.</li> </ul>

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

1. Online applications are only accepted.
2. **Application form link:** <https://forms.gle/sYAsvWEbkdH4t8P7>
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 **May 7, 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](mailto:sricce@iiitdm.ac.in)

Sd/x

Dean (SR)

IIITDM Kancheepuram

Internship at IIITDM Kancheepuram  
(to be submitted by Students from outside IIITDM Kancheepuram)

1. Title of the project/event under which internship is sought at IIITDM Kancheepuram:
  
2. Period of the internship: From \_\_\_\_\_ To \_\_\_\_\_ No. of Days:
  
3. Student Details:
  - (a) Student's Name: \_\_\_\_\_
  - (b) Year of study: \_\_\_\_\_
  - (c) Name of Degree Programme: \_\_\_\_\_
  - (d) Roll/Registration Number: \_\_\_\_\_
  - (e) Department: \_\_\_\_\_
  - (f) Name of the Institute with Complete Address: \_\_\_\_\_
  
4. Fees to be paid by the student (if any):
  
5. Stipend / fellowship expected to be received by the student during this internship (if any):

I am interested to participate in the above mentioned event at IIITDM Kancheepuram and I certify that the information I have written on the application are true and accurate.

Signature of the Student

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The student is permitted to join the internship, if selected at IIITDM Kancheepuram.

Head of the Institution

(Signature with Designation and Date)

INSTITUTE/UNIVERSITY/COLLEGE SEAL



Application form to be submitted by IIITDM Students  
for Joining as Intern within the Institute

1. (a) Student's Name:  
(b) Roll Number: (c) Department:
2. Academic details: (a) CGPA: (b) Number of backlogs (if any):
3. Title of the project/educational/training event:
4. Period of the event: From \_\_\_\_\_ To \_\_\_\_\_ No. of Days:
5. Time-slot in a day:
6. Fees to be paid by the student (if any):
7. Stipend / fellowship expected to be received by the student during the internship (if any):
8. Details of other fellowship(s) currently availing by the student (if any):

I am interested to participate in the above mentioned event and I certify that the information I have written on the application are true and accurate.

\*Signature of the Student

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Recommendations

Faculty Advisor

HoD

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PERMITTED / NOT-PERMITTED

JR-Academics

Dean-Academic

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\*After getting permission from Dean-Academics, student shall submit this form to the event organizer