INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING, KANCHEEPURAM

भारतीयसूचनाप्रौद्योगिकी౽
अभिकल्पनाएवंविनिर्मानसंस्थान౽ 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/PS/A25/2022   07 Oct 2022

Advertisement for Project Scientist -1

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	**Safety Critical Scenario Identification in Self-driving Cars using Machine Learning**
Name of the principal Investigator	Dr. Ram Prasad Padhy, Assistant Professor, Dept. of CSE, IIITDM Kancheepuram
Funding Agency	NMICPS Technology Innovation Hub on Autonomous Navigation Foundation (TiHAN), IIT Hyderabad
Name of the Project Position	Project Scientist - 1 (1 Position)
Duration of the Project	18 Months
Duration of Appointment	Initially for 6 months; likely to be extended for 12 more months
Essential Qualification	Career first class with B.E/B.Tech and M.E/M.Tech in Computer Science/Engineering (or related areas, such as IT, Data Science, AI etc.)
Desirable Qualification	i. Sound knowledge on Artificial Intelligence, Machine Learning, Deep Learning, Image Processing and Computer Vision

	algorithms (with good coding) for handling heterogeneous sensor data (Camera, LIDAR, Radar etc.) ii. Knowledge on Robot Operating System (ROS) iii. Knowledge on robotics related projects (e.g. Autonomous ground vehicles, underwater vehicles and unmanned aerial vehicles) iv. Candidates who have completed their Ph.D. or submitted the thesis
Age	Preferably below 35 Years
Stipend (Consolidated)	Rs. 56000 p.m. + HRA (as applicable)

General Conditions/Instructions for all posts:

1. Online applications are only accepted. No need to send a hard copy of the application.

2. **Application form link:** https://forms.gle/EDBsX9ZgkN3vBR916

3. Indian Nationals need to apply.

4. The candidates are required to work mainly for the success of the project.

5. Minimum qualification doesn't guarantee automatic shortlisting. The selection committee might set a higher criteria during the shortlisting phase of selection.

6. The position is purely on a temporary basis.

7. Candidates should bring self-attested copies of the relevant certificates/testimonials along with the original certificates/documents at the time of interview.

8. No traveling or any other allowances is admissible for attending the interview.

9. The Institute reserves the right not to fill up the position, if it so decides.

10. The Institute reserves the right to terminate the appointment at any time before completion of the period, if it so decides.

11. No interim correspondence will be entertained.

12. Canvassing in any form will lead to disqualification.

13. Shortlisted candidates will be intimated through email.

14. Shortlisted candidates will have to appear for a written test and interview.

15. Last date for submission of online application is **October 20, 2022**

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