



(An Institution of National Importance under MHRD, Government of India)  
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Advt. No: IIITDMK/PR/JRF/A02/2024(Ext)

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### **Advertisement for Junior Research Fellow – ECE Department**

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 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 programmed 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 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>	Design and Development of a Standalone Device for Early Detection of Plant Diseases using Machine Learning Techniques
<b>Duration of the Project</b>	3 years
<b>Name of the Principal Investigator</b>	Dr. Priyanka Kokil, Associate Professor, Department of Electronics and Communication Engineering, IIITDM Kancheepuram, Chennai – 600 127
<b>Funding Agency</b>	CSIR
<b>Name of the Project Position</b>	Junior Research Fellow (1 Position)
<b>Essential Qualification</b>	B.S. 4 years programme/ B. Pharma. /MBBS/Integrated BS-MS/M. Sc./ BE/ BTech/ or equivalent degree, with 55%marks and passing of NET LS/GATE test.
<b>Desirable Qualifications</b>	Bachelor's degree in Engineering/Technology with an exceptionally good academic record with the following conditions: a) BE/B. Tech degree holder from CFTI (Centrally Funded Technical Institute) with a minimum CGPA of 8.0 on a 10-point scale or with a valid GATE score. b) A Bachelor's degree holder in Engineering/Technology from any other University should be among the top 10 rank holders in the University and with a valid GATE score. c) A Bachelor's degree holder in Engineering/Technology and employed in a

	reputed R & D organization with an excellent research record recognized by Govt. of India. (Refer to R&D Brochure of DST).  OR  Candidates with a Master's degree in Engineering/Technology (ME / M. Tech / M Des) or a Master of Science (MS) degree by Research in Engineering/Technology or 5-year integrated Masters with a good academic record with GATE/NET qualification.
<b>Age Limit</b>	Below 28 Years; the upper age limit is relax able up to 5 years in the case of candidates belonging to schedules caste/tribes/OBC, women and physically handicapped candidates.
<b>Stipend / Fellowship</b>	Rs. 37,000 p.m (first 2 years) and Rs. 42,000 (third year); Payment of stipend is subject to the release of fund by the agency
<b>Job Description</b>	The selected candidate needs to work on the Data collection, Data processing, Image Analysis, Machine learning and Deep Learning Model development, report writing etc.
<b>Other Benefits</b>	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 application only accepted. No need to send a hard copy of the application.
2. Application form link: <https://forms.gle/XPcuhXQ798yxwSSL6>
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, for a maximum of three (03) years or up to duration of the project, whichever is earlier.
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 travelling 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 to apply on or before 31 MARCH 2024.**

Place of Written Test and Interview:

Indian Institute of Information Technology Design and Manufacturing, Kancheepuram Melakkottaiyur, Off Vandalur-Kelambakkam Road, Chennai-600127

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Dean (SR)  
IIITDM Kancheepuram