



(An Institution of National Importance under MHRD, Government of India)

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No:IIITDMK/PR/JRF/A16/2020

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**Advertisement for Junior Research Fellow (JRF) Positions in Sponsored Project**

Indian Institute of Information Technology Design and Manufacturing, Kanchipuram, Chennai 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. The institute is at a distance of 25 KM from Chennai international airport, 15 KM from Tambaram railway station and 40KM from Chennai central. It is a Centre of Excellence for pursuing Design and Manufacturing oriented Engineering Education and Research for promoting competitive advantage of Indian products in global markets.

IITDM Kanchipuram, Chennai is presently offering undergraduate, postgraduate, dual-degree programmes in the areas of Computer, Electronics, Mechanical Engineering and inter-disciplinary Ph.D programmes in core and applied areas of basic sciences 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. IITDM Kanchipuram invites online application for the following project positions:

<b>Name of the Research Project</b>	<b>“Design and development of a dual band RF Energy Harvester for Wireless Sensor Networks using Aerosol Jetting Technology”.</b>
<b>Duration of the project</b>	<b>One year (12 Months)</b>
<b>Name of the Principal Investigator/ Co-PI</b>	Dr. S. S. Karthikeyan / Dr. Senthilkumaran kumaraguru (skumaran@iitdm.ac.in), Phone+91 44 2747 6364
<b>Funding Agency</b>	SERB, Imprint 2
<b>Name of the Project Position</b>	Junior Research Fellow
<b>Number of Positions</b>	One (1 Position)
<b>Qualification</b>	Master’s degree in Mechanical Engineering/Mechatronics/Production Engineering/Smart Manufacturing with exceptionally good academic record minimum of 65% marks or 7.5 CGPA from recognized University/ Institute.
<b>Age Limit</b>	Upto 35 Years
<b>Stipend</b>	<b>As per revised SERB rules</b> Rs. 31,000 per month + HRA (24%)
<b>Desirable Qualification</b>	<ul style="list-style-type: none"><li>• Ability to apply interdisciplinary Mechatronics knowledge to product development</li><li>• Good knowledge of sensors and Mechatronics systems integration and ability to code in python and MATLAB</li><li>• Good written and oral communication skills, and the ability to do multi-task, effectively.</li></ul>

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

1. Only Indian Nationals need to apply.
2. The candidates are required to work for the success of the project.
3. Candidates should bring self-attested copies of the relevant certificates/testimonials along with the original certificates/documents at the time of interview.
4. No travelling or any other allowances is admissible for attending the interview.
5. The Institute reserves the right not to fill up the position, if it so decides.
6. The Institute reserves the right to terminate the appointment at any time before completion of the period, if it so decides.
7. No interim correspondence will be entertained.
8. Canvassing in any form will lead to disqualification.
9. Last date for submission of online application is **20-12-2020**.

**Test:** Candidates have to appear for a written test of one hour duration followed by personal interview. The syllabus for both written and oral is basic Mechatronics.

Last date for submission of online application: **20-12-2020**.

Tentative date for written test and interview on: **28-12-2020**.

**Mode of Test & Interview:** online

**Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai**

*(An Institute of National Importance, Fully funded by Govt. of India)*

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Sd/x

Dean (SR, IC &CE)

IIITDM Kancheepuram