

Advertisement for the Post of Junior Research Fellow

Advt. No.:IIITDMK/PR/JRF/A40/2025

Date: 16th Dec 2025

Applications are invited for the following post. The post is purely on a contractual basis.

Name of Position	Junior Research Fellow (JRF) / PhD Scholar
Number of Positions	One
Nature of Work	Full time research involving design and development of AI and Vision Integrated Autonomous Mobile Robotic System
Duration of the Position	The post is purely on a contractual basis and initially for 1 year and may be extended for another 1 year.
Stipend	Rs.37,000/- + 30% HRA <i>Note: 30% HRA will be paid if no accommodation is provided by the Institute.</i>
Title of the Sponsored Project	<i>AI and Vision Integrated Autonomous Mobile Lignite Dust Collecting System for Cleaning Bunker Floors</i>
Funding Agency	NLC INDIA LIMITED
P.I / Co-P.I	Prof. Sreekumar M / Dr. J Umarani & Dr. C Gurunath
Department	Department of Mechanical Engineering
Educational Qualification	<i>M.E. / M.Tech from a reputed university / institution with specialization in Mechanical, Mechatronics, Electrical, Electronics and Communication, Computer Vision, Artificial Intelligence, Data Science.</i> <i>Minimum Marks: 70% or 7 CGPA (both UG / PG).</i>
Additional Qualification (Desirable, if any)	<i>Experience in robotics system integration, embedded systems, or autonomous navigation.</i> <i>Familiarity with sensor integration, microcontrollers (Arduino, Raspberry Pi), and basic programming (Python, C/C++).</i> <i>Experience in mechanical fabrication, assembly, and</i>

	<i>maintenance of electromechanical systems.</i> <i>Knowledge of ROS/ROS2, instrument interfacing, or CAD design tools (SolidWorks/AutoCAD) will be an advantage.</i>
Age Limit	35 years as on Last date of receiving the application (Age relaxation is applicable as per GoI norms)
Date of Closing	05.01.2026

How to Apply and Selection Procedure:

1. Interested candidates are requested to submit their applications online (<https://forms.gle/yHB57H2gMSR8b8xS6>). Last date: 05.01.2026. While uploading, attach as per the format given in the Annexure.
2. Also, take print of the application form, fill, sign, and submit the hard copy at the time of Interview.
3. Candidates should be present physically at IIITDM Kancheepuram located at Chennai - 600127 for the written test and/or interview.
4. Candidates should produce all educational and experience certificates at the time of interview for verification.
5. No TA/DA will be paid for attending the interview.
6. The selection process consists of written test followed by Interview. The topic for written test along with syllabus is enclosed.

For any clarification regarding the application process, the candidate may contact the PI. email: msk@iiitdm.ac.in

Sd/x

Dean (SR)



Appl. No.:
(will be filled by Office)

APPLICATION FOR THE POSITION OF PROJECT STAFF

Candidates Photo
to be pasted here

1. Advertisement Number:
2. Name of the Post:
3. Candidate's Full Name (As per SSLC Mark sheet):
4. Father's Name of the Candidate:
5. Date of Birth of the Candidate:
6. Nationality:
7. Gender:
8. Category (Gen / OBC / SC / ST):
(For age relaxation only)
9. Address for Communication:
10. Permanent Address:
11. Contact Phone / Mobile Number(s):

12. Email Address:

13. Educational Qualifications Starting from Xth / SSLC:

Sl. No.	Degree & Branch	Institute / University	Year of Entry & leaving	Percentage / CGPA & Class	Mode (Regular / Part-time / etc.)

14. Academic Record: GATE/ CSIR - NET qualification details with percent marks / Rank, year of qualifying, etc.:

15. Names and addresses of two referees along with phone numbers and e-mail addresses:

a)

b)

16. Are you currently working in Central / State / Semi-Govt / PSU / Autonomous Bodies of the Govt.? (If yes, please submit NOC issued by your present employer):

17. Present Position / Designation:

18. Work Experience (in reverse chronological order including post held at present):

Sl. No.	Organization	Designation	Start Date & End Date	Pay Scale / Total Pay

19. If selected, time required to join:

20. Any other information you wish to mention:

UNDERTAKING

I hereby declare that I have carefully read and understood the instructions given in the Advertisement. All information furnished in this form as well as the attached documents are true and correct to the best of my knowledge and belief. I fully understand that if it is found at a later date that any information given in the application is incorrect / false or if I do not satisfy the eligibility criteria, my candidature / appointment is liable to be canceled / terminated.

Signature of the Applicant

Date: