



Advertisement for the Post of Junior Research Fellow

Advt. No.:IIITDMK/PR/JRF/A10/2025

Date:07.05.2025

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

Name of Position	Junior Research Fellow (JRF)
Number of Positions	One
Nature of Work	Research in Graph Theory and Algorithms. Also, expected to register for PhD in Jan 2026 with fellowship support from the project. Visit www.cse.iiitdm.ac.in to know more about the department and the research work.
Duration of the Project	Three Years
Duration of the Position	The post is purely on a contractual basis and initially, the post is for 1 Year, extendable to 2 more years.
Stipend	Rs. 37,000/- + HRA <i>Note: 24% HRA will be paid if no accommodation is provided by the Institute.</i>
Title of the Sponsored Project	Impact of Convexity, Chordality, Planarity on Domination Problems - Computing and Complexity Study
Funding Agency	DST - SERB (ANRF) under CRG Scheme, a prestigious scheme sponsored by DST.
P.I / Co-P.I	Dr. Sadagopan N (Dr. Sadagopan N IIITDM Kancheepuram)
Department	Computer Science & Engineering
Educational Qualification	B.E / B.Tech in CSE/IT with a valid GATE or PG - M.Tech in branches related to CSE/IT/Mathematics and Computing or
Additional Qualification (Desirable, if any)	M.Sc (CS) with a valid GATE Score (CSE/IT/MA)/NBHM-CSIR-UGC score CGPA of at least 8.0. Candidates graduating in 2025 are also eligible to apply.
Age Limit	35 years as on Last date of receiving the application (Age relaxation is applicable as per Gol norms)

Last Date and Link	May 31, 2025. Link: https://forms.gle/kBWUAY8EsRhLbGk57
Interview Schedule: Date, Time & Venue	Shortlisted candidates shall be informed through email on June 1, 2025. Test and Interview: June 19, 2025, 9.30 AM.

How to Apply and Selection Procedure:

1. Interested candidates are requested to submit their applications online. While uploading resume, 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.
7. JRF can register for a PhD in Jan 2026 session subject to clearing the test/interview conducted by the department. Fellowship during Ph.D will be supported by DST/Institute subject to satisfying the guidelines stipulated by the agency/institute.

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

Sd/x

Dean (SR)

भारतीय सूचना प्रौद्योगिकी अभिकल्पना,
एवं विनिर्माण संस्थान, कांचीपुरम



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, KANCHEEPURAM

An Institute of National Importance Specialized in IT Enabled Design and Manufacturing
Chennai - 600127

Topics for Written Test

*Syllabus for the written test (a sample question paper is available at www.cse.iiitdm.ac.in).

Discrete Mathematics: Sets, Relations, Functions, Graphs, Basic Proof Techniques.

Data Structures and Algorithms: Elementary Data structures -Trees, Heaps, (Balanced) Binary Search Trees, Sorting, Searching, Graph Algorithms (Minimum Spanning tree, shortest path) and Time Complexity Analysis.

C-programming: Standard questions using for loop, recursion, questions on Arrays

Duration of the Written Test: 10.00am - 11.30am



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: