



Advertisement for the Post of Junior Research Fellow

Advt. No.: IIITDMK/PR/JRF/A20/2025

Date: 24.06.2025

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

Name of Position	JUNIOR RESEARCH FELLOW
Number of Positions	One
Nature of Work	The JRF will be involved in interdisciplinary research combining virtual reality, physiological signal processing, and mental health intervention. Responsibilities include assisting in the development of VR environments, conducting experimental sessions with participants, data collection and analysis, and coordinating with psychologists and technical experts.
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. May be extended for 2 more years.
Other Benefits	The selected candidates can register for the PhD degree in Jan 2026 at IIITDM Kancheepuram as per Institute rules.
Stipend	Rs. 37,000- pm + 30% HRA <i>Note: 30% HRA will be paid if no accommodation is provided by the Institute.</i>
Title of the Sponsored Project	Design and Development of an Immersive VR- Biofeedback Therapy System for Anxiety and Affective Disorders in Indian Adults
Funding Agency	ANRF- PMECRG
P.I / Co-P.I	Dr. Kannadasan K
Department	Computer Science and Engineering

Educational Qualification	B.E/B.Tech in CSE/IT/ECE with valid GATE score (or) M.E/M.Tech in CSE/IT/ECE or relevant streams
Additional Qualification (Desirable, if any)	Strong programming skills in Python/MATLAB and experience with data acquisition or signal processing Prior knowledge / involvement in human subject research, including ethical clearance procedures. Knowledge of machine learning or statistical analysis. Good communication and documentation skills; ability to coordinate with interdisciplinary teams.
Age Limit	35 years as on Last date of receiving the application (Age relaxation is applicable as per Gol norms)
Last date of closing	18.7.2025

How to Apply and Selection Procedure:

1. Interested candidates are requested to submit their applications online (<https://forms.gle/xb8Tkfg42WXYUhkDA>)
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 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: kannadasankk@iiitdm.ac.in

Sd/x
Dean (SR)

Topics for Written Test

Data Structures and Algorithms: Elementary Data structures, Trees, Heaps, (Balanced) Binary Search Trees, Sorting, Searching, and Time Complexity Analysis.

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

Digital Electronics: Number systems and codes, Logic gates, Boolean algebra, Combinational circuits (Adders, Multiplexers, Encoders, Decoders), Sequential circuits (Flip-flops, Counters, Shift Registers).

Signals and Systems: Classification of signals and systems, Linear Time-Invariant (LTI) systems, Convolution, Fourier Series and Fourier Transform, Basics of Filters.



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: