Department of Computer Science & Engineering and IT,
Jaypee Institute of Information Technology, Noida

Advertisement for Recruitment of Junior Research Assistant (RA)

Applications are invited for the position of Junior Research Assistant (JRA) to work on the following:

Council of Science & Technology, U.P. (CSTUP) sponsored project (File No CST/D-1204, PID: 5173; Dated: 22.08.2025) as per the details given below:

Project Title:	Development of a remotely accessible application for Virtual Reality-based Gamification of Senior Fitness Routine for Enabling Physical and Mental well-being of Geriatric population and Studying its Impact on Cognitive Functions and Behavioural Changes.
Post:	Junior Research Assistant (JRA)
Number of Positions:	01 (one)
Tenure of Appointment:	The appointment will be made for a duration of 02 years, provided satisfactory performance is maintained.
Eligibility:	The candidate must be resident of Uttar Pradesh and t h e upper age limit is 28 years as on 1st April, 2025.
Emoluments per Month:	Consolidated ₹28,000/- per month.
Essential Qualifications:	M.Sc. / B.E. / B.Tech. in CSE/IT or equivalent degree of other relevant branch of Engineering with First class in graduate and/or post-graduate programmes.
Desirable Skills:	**1.** Proficiency in programming, working knowledge of Gaming Platforms, and Machine Learning (ML) for medical image analytics. **2.** Experience with ultrasound equipment and medical imaging techniques or computational diagnostics. **3.** Strong analytical and problem-solving skills. **4.** Knowledge of data management practices and database maintenance. **5.** Commitment to ethical research practices and confidentiality.
Job Description:	The selected candidate is expected to assist in designing and developing AR/VR-based exercises related to senior citizen fitness. Analyze behavioural changes by collecting relevant data from the test and control groups. Develop relevant ML/DL algorithms for data analysis, conduct literature reviews, collaborate on experiments, maintain research records, contribute to reports and publications, and ensure ethical compliance and data confidentiality.

Applications comprising a cover letter, detailed Curriculum Vitae (containing your Programming and/or Game Designing-based Research & Development experience/ publications, etc.) must be sent by email to **Dr. Suma Dawn**, Department of Computer Science & Engineering and IT, Jaypee Institute of Information Technology, Noida, on or before **30th September 2025**.

Email: suma.dawn@mail.jiit.ac.in
And CC to: deanAR@jiit.ac.in, manish.thakur@mail.jiit.ac.in, k.rajalakshmi@mail.jiit.ac.in, monali.bhattacharya@mail.jiit.ac.in

Note:
1. UP CST guidelines shall govern the appointment.
2. The candidate will be shortlisted based on merit and the need for the project.
3. The shortlisted candidate will be informed by email about the interview schedule.
4. Shortlisted candidates must be present physically for the interview along with their original certificates.
5. No TA/DA will be paid for appearing in the interview.