



Birla Institute of Technology & Science, Pilani

Pilani Campus

Grants Consultancy and Industrial Research (GCIR)

CALL FOR RESEARCH STAFF(JRF) POSITION

Date: 03 July 2024

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project sponsored by the BITS Pilani under CDRF scheme for a temporary period purely on contractual basis as per the following details:	
Position:	Junior Research Fellow (JRF)
Number of Vacancy:	01
Project Title:	Quantum Biometrics for Age-Invariant Facial Recognition using Fractional Calculus Based Manifold Learning
Funding Agency:	BITS Pilani, India.
Principal Investigator (PI):	Prof. Kamlesh Tiwari, Department of CSIS, BITS Pilani, Pilani Campus. Prof. Trilok Mathur, Department of Mathematics, BITS Pilani, Pilani Campus.
Project Tenure:	24 Months
Job Description:	Conduct research to develop a robust age invariant facial recognition system, integrating manifold learning techniques to enhance feature extraction and recognition using fractional-order neural networks (FONN). Implement quantum computing algorithms for improved processing and security. Evaluate and demonstrate system performance, exploring practical applications, and document findings through reports and presentations.
Qualification:	Essential Qualification: MSc/BE/BTech or equivalent degree in CS/IT/Data Science/AI/Mathematics/Computing or relevant areas, with 60% marks. Desirable Qualifications: M.E./M.Tech. (with at least 60% marks) in CS/IT/Data Science/AI or relevant areas. Strong background in Mathematics. Desirable: GATE/NET qualified
Fellowship:	Rs. 37,000/- per month
Registration for PhD.:	Selected candidates may be permitted to register for the PhD program of BITS Pilani subject to fulfilling the requirements of the PhD qualification process as per the institute norms.

How to Apply:

Applications along with updated CV should be sent through mail to kamlesh.tiwari@pilani.bits-pilani.ac.in with subject line as – ‘**Application for JRF- CDRF2024**’

Shortlisted candidates will be informed of the interview which will be conducted through online mode. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirements of the project.

Please note that only qualified and suitable candidates will be called for an interview.

Application Deadline: 20 July 2024

Contact Email: kamlesh.tiwari@pilani.bits-pilani.ac.in

