Birla Institute of Technology & Science, Pilani

Pilani Campus

Grants Consultancy and Industrial Research (GCIR)

Call for JRF/ Project Associate-1 Position Date: 21 November 2026

About: Applications are invited from interested and motivated candidates for the post of **Junior Research Fellow (JRF)/ Project Associate-1** on the research project sponsored by the **Anusandhan National Research Foundation**. The position will be purely on contractual basis as per the following details:

Position	**Junior Research Fellow/Project Associate-1**	Number of Vacancy: 01
Funding Agency	**Anusandhan National Research Foundation (ANRF)**	
Project Title	Adaptive Wavelet-PIDNNs Fusion for Fractional Integro-PDEs with Multi-Singularities: A Next-Generation Computational Framework	
Principal Investigator	Prof. Sudarshan Santra, Department of Mathematics, BITS Pilani Pilani Campus	
Project Tenure	2 Years + Third year onwards as SRF after evaluation (Total 3 Years)	
Project/Job Description	The JRF will undertake original research under the project titled "Adaptive Wavelet-PIDNNs Fusion for Fractional Integro-PDEs with Multi-Singularities: A Next-Generation Computational Framework." The work will focus on characterizing multi-singular behavior, developing adaptive wavelet-based numerical methods integrated with Physics-Informed Deep Neural Networks (PIDNNs), and investigating their stability, convergence, accuracy, and computational efficiency. The JRF will also develop computational algorithms for forward and inverse problems, compare the proposed approaches with existing models, and formulate improved computational frameworks. The candidate will be expected to publish research findings in reputed indexed journals, present them at national and international conferences, and contribute to patent applications wherever applicable.	
Qualification	The candidate must hold Master's degree in Mathematics/Mathematics and Computing/Operation Research/Data Science; M.E. / M. Tech in Computer Science/ Data Science/ Analytics/AI-ML with minimum 60% marks in both Bachelor's and Master's degree. Candidates with some prior knowledge of programming/computational aspects in data science will be preferred. GATE/NET qualification is not mandatory, though preferred.	
Upper Age Limit	As per GOI Norms	
Fellowship/Stipend	Rs. 37,000/- + 10%HRA (as per rules) per month as JRF for NET/GATE Candidates Rs. 30,000/- + 10%HRA (as per rules) per month as Project Associate-I for Non Net/GATE Candidates and Rs. 42,000/- + 10% HRA/ Rs. 33,000/- + 10% HRA as SRF/PA-II (in the third year, subject to the favorable assessment of the candidate as per the rules)	
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	**Email the following documents to**: sudarshan.santra@pilani.bits-pilani.ac.in with Subject line as 'Application for JRF/PA- ANRF Project' Please keep ready the followings before filling the form. a. **CV** (Mention past education, technical skills, research experience, publications, etc.) b. **Cover letter** and contact details of at least two academic referees. c. Copy of the NET/GATE/National-level exam score card (**if applicable**).	
Selection Process	Candidates will be shortlisted based on their merit, experience, and as per the requirements of the project. Shortlisted candidates will be informed of the interview, which will be conducted through online mode. **Only qualified and suitable candidates will be called for an interview.**	

Application Deadline: 7th December 2026

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