



Birla Institute of Technology & Science, Pilani
Pilani Campus
Grants Consultancy and Industrial Research (GCIR)

CALL FOR RESEARCH STAFF (JRF) POSITION

Date: 08 October, 2025

About: 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 **Avaada Energy Private Limited** (Avaada) for a temporary period purely on contractual basis as per the following details:

Position:	Junior Research Fellow (JRF)
Number of Vacancy:	02
Project Title:	15-Minute Interval Day-Ahead Solar generation Forecasting with ML-Driven Weather and Inverter Analytics
Funding Agency:	Avaada Energy Private Limited (Avaada)
Principal Investigator (PI): Co-Principal Investigators (Co-PIs)	Dr. Sumanta Pasari, Department of Mathematics, BITS Pilani Dr. Udayan Chanda, Department of Management, BITS Pilani Dr. Ashish Patel, Department of Electrical and Electronics Engg., BITS Pilani
Project Tenure:	3 Years (2 Years JRF + 1 Year SRF after evaluation)
Job Description:	The JRF will carry out the research work in quantitative forecasting and machine learning. The JRF will develop a robust and scalable, data-driven forecasting system for utility-scale solar energy plants, focused on delivering 15-minute intervals, day-ahead energy predictions. He/she will also compare the results with existing models and will propose new model as required. He/she will also write research articles for indexed journals, conferences and patents.
Qualification:	The candidate must hold Master's degree in Mathematics/Statistics/Mathematics and Computing/Operation Research/Data Science; B.E./ B.Tech / M.E. / M. Tech in Computer Science/ Data Science/ Analytics; MBA in Business Analytics/ Data Science with minimum 60% marks. Candidates with some prior knowledge of programming/computational statistics/data science will be preferred. GATE/NET qualification is not mandatory, though preferred.
Fellowship:	Rs. 37,000/- (JRF) per month (for initial first two years) + Rs. 42,000 (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:

You should fill the details through the google link: <https://forms.gle/jov8Mhzgz9mW8HpNA>.

Candidates will be shortlisted based on their merit and as per the requirements of the project. 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.

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

Application Deadline: October 30, 2025

Contact Email: sumanta.pasari@pilani.bits-pilani.ac.in

