



**RECRUITMENT OF RESEARCH STAFF POSITION (JUNIOR RESEARCH FELLOW)
IN DEPARTMENT OF BIOTECHNOLOGY (DBT) PROJECT**

Date: 6th May, 2021

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project for a temporary period (3 years) purely on contractual basis as per the following details:

Position:	Junior Research Fellow (JRF)
Number of Vacancy:	02 (TWO)
Project Title:	Development of a Real Time Crop Advisory System Exploiting Nanotechnology based Nitrogen Sensor with Internet of Farming (IoF) Framework
Principal Investigator:	Dr. Puneet Mishra
Project Tenure:	3 years
Job Description:	JRF 1 will be assisting in project related activities particularly in the area of sensor development and its integration. JRF 2 will be assisting in project related activities particularly in the area of machine learning/artificial intelligence and IoT.
Essential Qualification:	First class Master's Degree in any domain related to Electrical Engineering/ Electronics Engineering/Computer Science/Instrumentation Engineering from a recognized university or in related disciplines + GATE/NET qualified. Desirable: JRF 1: Prior knowledge and experience in semiconductors/electronics devices and design of analog/digital circuits. JRF 2: Prior experience in development of machine learning models with adequate programming language proficiency in MATLAB/Python etc.
Fellowship:	Rs. 31,000/- per month (initially first two years) + Rs. 35,000/- per month (after two years till the end of the project).
Registration for Ph.D.:	Selected candidates will be given the opportunity for a full time PhD program at BITS, Pilani as per the institute norms.

How to Apply:

- The candidates should compulsorily fill in their details at <https://forms.gle/DuxJnwDBFDRJJyo76> (candidate should log into his Gmail account and then open this link in a new tab to fill in details) by **15th June, 2021**.
- Candidates should email their CV to the PI (puneet.mishra@pilani.bits-pilani.ac.in) by **15th June, 2021**, with subject of the mail as 'Application for JRF position 1 or 2 – DBT project' after filling the form.
- Shortlisted candidates will be informed through email for the online interview (Google meet).
- For any queries regarding the positions, please feel free to email the PI (Dr. Puneet Mishra).

Dr. Puneet Mishra

Email – puneet.mishra@pilani.bits-pilani.ac.in