

Rajiv Gandhi Institute of Petroleum Technology
(An Institute of National Importance established under an Act of Parliament)
Jais, Amethi – 229304, Uttar Pradesh

Dated: 12/08/2026

**Advertisement for the Position of Junior Research Fellow (JRF) under Institute
Research Grant (IRG-2604)**

Applications are invited from eligible and motivated candidates for **One (01) Junior Research Fellow (JRF)** to work in the Institute Research Grant (IRG) funded research project under the supervision of **Dr. Bheemaiah Chikondra (Principal Investigator)**. The selected candidate will contribute to research on Automation framework for smart and sustainable zero-waste plant. The details of the project are given below.

Title of the Project	Smart and Sustainable Automation Framework for Zero-Waste Recycling and Biogas Production Plant
Project Code	IRG-2604
Sponsoring Agency	Institute Research Grant (IRG), Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais
Name of the Post	Junior Research Fellow (JRF)
No. of Post	01
Project Duration	Three Years
Duration of Appointment	Initially for Six Months, extendable based on satisfactory performance and continuation of the project.
Principal Investigator/Co-Investigator	Dr. Bheemaiah Chikondra (PI), Prof. Harish Hirani (Co-PI)
Essential Qualification	1. M.Tech/Integrated M.Tech in Electrical Engineering/Electronics Engineering/Control Engineering/Energy Engineering/Instrumentation and Measurements Engineering/Automation and Robotics Engineering or equivalent with minimum 60% marks (or equivalent CGPA) from a recognized University/Institute. 2. Or B.E/B.Tech with 75% marks or equivalent CGPA from a recognized University/Institute. 3. Qualified NET/GATE will give more advantages in selection.
Desirable Qualification	1. Knowledge of sensors, actuators, PLCs, microcontrollers, embedded systems, IoT, data acquisition, and automation. 2. Programming skills in Python/MATLAB/C/C++ are desirable. 3. Experience with AI/ML-based monitoring, computer vision, robotics, or industrial communication protocols would be an added advantage.

Bhushan

Research Responsibilities	The selected candidate will participate in research related to Smart and Sustainable Automation Framework for Zero-Waste Recycling and Biogas Production Plant.
Fellowship	₹37,000/- per month (Consolidated, as per IRG norms).
Terms & Conditions	Relaxation in the minimum qualifying percentage of marks and age limit will be applicable as per Government of India rules for SC/ST/OBC/PwBD candidates. Institute Research Grant (IRG) rules and RGIPT regulations shall be applicable. The appointment is purely temporary and co-terminus with the project. Only shortlisted candidates will be informed through Email/Phone . No TA/DA will be paid for appearing in the interview. RGIPT reserves the right not to fill the position if suitable candidates are not found or to modify the selection process without assigning any reason.
Silent Point	Based on satisfactory performance, the selected candidate may be considered for admission to the Ph.D. Programme at RGIPT, subject to fulfilling the Institute's eligibility criteria and selection procedure.
How to Apply	Interested candidates should send a cover letter, detailed Curriculum Vitae, self-attested copies of educational certificates, mark sheets, NET/GATE score card, research publications (if any), and experience certificates (if any) in a single PDF file to bchikondra@rgipt.ac.in on or before 30th August 2026 (06:00 PM) . The subject of email should be "Application for Junior Research Fellow (IRG-2604)" . Original documents must be produced at the time of the interview.

Dr. Bheemaiah Chikondra

Principal Investigator (IRG-2604)

Assistant Professor

Department of Electrical and Electronics Engineering

Rajiv Gandhi Institute of Petroleum Technology (RGIPT)

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