



Rajiv Gandhi Institute of Petroleum Technology

(Institute of National Importance established under the Act of Parliament)

Dated: 16/07/2026

Requirement of Junior Research Fellow (JRF) for ISRO sponsored project

Applications are invited from enthusiastic candidates to work on a ISRO sponsored project as a Junior Research Fellow in the areas of signal processing and communication with a knowledge of algorithm deployment on FPGA boards.

Project No.: P-2607

Project Title: Design And Development of Adaptive Kalman Filter Based BPSK Demodulator for Deep Space Mission

Agency: Indian Space Research Organisation (ISRO), Department of Space, Government of India

Project Duration: 12 Months

Fellowship: Rs. 37000/- per month + 10% HRA

No. of Position: 01

Location: RGIPT Jais Campus, Amethi-229304, Uttar Pradesh, India

Eligibility:

Essential Qualification(s):

- **PG Degree** in Basic Science **OR Graduate/Post Graduate Degree** in Professional Course selected through a process described through any one of the following:
 - (a) Scholars who are selected through National Eligibility Tests - **CSIR-UGC NET** including lectureship (Assistant Professorship) or **GATE**.
 - (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.

Desirable:

- Candidates having experience in the areas of estimation theory, communication engineering, control theory, algorithms deployment on FPGA boards are encouraged to apply.

Salient Points:

- The offer is co-terminus with the project.
- Based on satisfactory performance, the selected candidate may be given chance to apply for Institute's PhD program. However, selection will be based on qualification and interview.
- No TA/DA will be paid if called for interview.

Interested candidates are encouraged to submit application at the link [Application Form](#) by 15th August 2026. For any queries, you may contact the undersigned.

Dr. Ankur Pandey (Principal Investigator)

Designation: Assistant Professor

Department: Electrical and Electronics Engineering

Email: apandey@rgipt.ac.in