



# Rajiv Gandhi Institute of Petroleum Technology

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

Jais, Amethi – 229304

Dated: 17/03/2025

## **Requirement of Junior Research Assistant (JRA) for UPCST sponsored project**

Applications are invited from enthusiastic candidates to work on UPCST sponsored project as Junior Research Assistant in the areas of optical sensor designing and fabrication of sensor for smart sensing.

**Project No.:** P-2403

**Project Title:** Designing and Realization of D-shaped PCF-SPR Sensor for Blood Cancer Detection and Development of Novel Machine Learning Methods for Early Prediction

**Agency:** Council of Science and Technology, Uttar Pradesh (UPCST)

**Project Duration:** 24 Months

**Fellowship:** Rs. 25000/- per month

**No. of Position:** 01

### **Eligibility:**

- Bachelor's (BE/B. Tech) or higher degree (M. Tech/M.Sc.) from recognized Institute/University in Electronics and Communication Engineering/ Electronics and Instrumentation Engineering/ Applied physics and related branches with minimum 60% marks or 6.0 CPI.
- The upper age limit is 28 years on 1st April 2024.
- The candidate must have been born in Uttar Pradesh, India.
- Qualified NET /GATE score of any year is desirable.
- Knowledge of designing/fabrication of sensors along with COMSOL Multiphysics will be an advantage.

### **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 programme. However, selection will be based on qualification and interview.
- No TA/DA will be paid if called for interview.

### **Documents Required (in PDF):**

- Biodata
- Age Proof Certificate (10th Class certificate)
- Qualification Certificate
- Aadhar Card

Interested candidates are encouraged to submit application along with the above documents to **apandey@rgipt.ac.in** & **sagarwal@rgipt.ac.in** by **31<sup>st</sup> March 2025**. The Subject of the application shall be "Application for Junior Research Assistant\_(UPCST Project)".

**Dr. Ankur Pandey (Co-Principal Investigator)**

**Department: Electrical and Electronics Engineering**

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**Mobile: 9760614368/7795005360**