

Rajiv Gandhi Institute of Petroleum Technology

(An Institute of National Importance established under an Act of Parliament)

Jais, Amethi – 229304, Uttar Pradesh

Dated: 27/08/2026

Advertisement for the Position of JRA under CSTUP Research Grant (P-2613)

Applications are invited from eligible and motivated candidates for **one (01) JRA to work in the CSTUP-funded** research project under the supervision of **Dr. Hemant Kumar Singh (Principal Investigator)**. The selected candidate will contribute to research on AI-Assisted Characterization and Predictive Modeling of Bundelkhand Hot Dry Rock Geothermal Reservoirs for Cost-Effective and Sustainable Energy Development in Uttar Pradesh

Title of the Project	AI-Assisted Characterization and Predictive Modeling of Bundelkhand Hot Dry Rock Geothermal Reservoirs for Cost-Effective and Sustainable Energy Development in Uttar Pradesh
Project Code	P-2614
Sponsoring Agency	Council of Science & Technology U.P (CSTUP)
Name of the Post	JRA
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.
Essential Qualification	RA: 1. B.E./B.Tech./M.Sc. with a strong academic record and First Class at the graduate level from a recognized University/Institute. SRA: 2. M.Sc./M.Tech./Integrated M.Tech. with a strong academic record and First Class at the postgraduate level from a recognized University/Institute. i. For both JRA and SRA, the qualifying degree should be in Earth Sciences/Geosciences/Geology/Geophysics/Exploration Geosciences/Engineering Geology, or any closely related allied discipline. ii. Candidates having a valid NET/GATE qualification will be given preference during the selection process. iii. The upper age limit shall be 28 years as on 1 April 2026, with age relaxation applicable as per CST-UP norms. Eligibility Condition: Only Indian citizens who are residents of Uttar Pradesh are eligible to apply.

Desirable Qualification	1. Knowledge of AI/ML, Python, and MATLAB 2. Proficiency in English/Hindi
Research Responsibilities	The selected candidate will participate in research related to AI-Assisted Characterization and Predictive Modeling of Bundelkhand Hot Dry Rock Geothermal Reservoirs for Cost-Effective and Sustainable Energy Development in Uttar Pradesh
Fellowship	₹25000 (JRA) per month (Consolidated, as per CSTUP norms) for the first two years, and ₹ 28000 after completion of 2 years.
Terms & Conditions	Relaxation in the minimum qualifying percentage of marks and age limit will be applicable as per the Government of India and CST-UP rules for SC/ST/OBC/PWBD candidates. 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. Program at RGIPT, subject to fulfilling the Institute's eligibility criteria and selection procedure.
How to Apply	Interested candidates should send a 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 hemanths@rgipt.ac.in on or before 20th September 2026 (06:00 PM) . The subject of the email should be "Application for JRA/SRA (P-2614)" . Original documents must be produced at the time of the interview.

Dr. Hemant Kumar Singh
Principal Investigator (P-2613)

Assistant Professor

Department of Petroleum Engineering and Geoengineering

Rajiv Gandhi Institute of Petroleum Technology (RGIPT)

Jais, Amethi – 229304, Uttar Pradesh, India

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