



## INDIAN INSTITUTE OF PETROLEUM AND ENERGY, VISAKHAPATNAM

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Form PS- 01

### Junior Research Fellow Under SERB-CRG Project

Application are invited under the Sponsored project at Indian Institute of Petroleum and Energy, Visakhapatnam. The details of the position are given below:

Name of the Position	Junior Research Fellow		
Number of Position (s)	01		
Project Title	Development of A Machine Learning Model Based on Experimental Investigations to Quantify Formation Damage Caused by Drilling and Completion Fluids in Indian Oilfields		
Name of the Principal Investigator and email-id	Rajat Jain <rajatjain.petro@iipe.ac.in>		
Sanction Number / Project Number	CRG/2023/005970		
Tenure of the Project	03 years		
Job Description (in 100 words)	Experimental work on drilling and completion fluids; Design and analysis of fluid systems; Development of numerical methodology; Programming in C/C++/Python for Machine Learning and Deep Learning		
Essential Qualification(s)	<ol style="list-style-type: none"><li>1. BE/B.Tech./BS in Petroleum Engineering/Chemical Engineering/Mathematics and Computing/CSE/IT OR M.Sc. in Mathematics/Physics OR ME/M.Tech./MS in Petroleum Engineering/Chemical Engineering /Mathematics and Computing/CSE/IT</li><li>2. Marks above 60% (or equivalent in CGPA) in all qualified examinations.</li><li>3. Valid GATE/UGC/CSIR-NET/NBHM/National Level Exam score.</li></ol>		
Desirable Qualification(s)/Experience	Programming skill in C/Python and knowledge of Machine Learning and Deep Learning. Numerical modelling and experimental design in petroleum engineering		
Age limit and Relaxation (if any)	Upper age limit is 28 years (age relaxation as per GOI norms)		
Fellowship	Rs. 31000/-	HRA	16%
Application deadline date and Time, time, venue	22/04/2024, 6 PM.; Venue: IPE New-building; Interview: offline/online mode		
Shortlisted Candidates will be informed regarding the date and time of Interview by the PI/CI. Mere possession of essential qualification doesn't guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Visakhapatnam, if required. No TA/DA will be paid to attend the interview. If felt, interview may be conducted in Online mode.			

**How to Apply:** Eligible and interested candidates are requested to send the copy of filled application form with a copy of self-attested certificates/documents to the Principal Investigator via Online application form (<https://forms.gle/HuTsVhQLkq5Nk4Pg7>) on or before application deadline. **Refer Annexure-I (Terms and Conditions governing project staff)**

**Dr. Rajat Jain**

## **Annexure – I**

### **Terms and Conditions**

1. Scrutiny/selection committee of IPE Visakhapatnam reserves the rights to fix suitable criteria for short listing of eligible candidates
2. Candidates will be shortlisted for the interview based on merit and suitable experience of the available candidates. Short listed candidates will be notified for interview and decision of selection committee will be final.
3. The date, time, venue and mode of interview (online/offline) will be informed by email only to short listed candidates. Hence, a valid email ID should be provided by the candidate in the application
4. Qualification should be from a recognized university. Mere fulfilling of essential qualification does not guarantee for interview call or selection.
5. Eligibility and age will be considered as on the last date of application.
6. Incomplete application form without requisite information, certificates/documents, is liable to be rejected.
7. Candidates should furnish all original certificates, signed application form, accompanied with selfattested photocopies of all the requisite certificates, mark sheet in support of age, educational qualifications, experience (if any), at the time of interview and joining
8. False or fake information detected at any point of time will lead to cancellation/termination of the candidature without assigning any reason.
9. The post to be filled up only purely on temporary basis and is co-terminus with the SERB-DST project. Initial appointment for 02 year(s) as JRF and possible extension as SRF for one more year subject to availability of funds and performance.
10. The appointment can be terminated with one-month notice or one-month salary from either side without assigning any reason
11. The appointment against this post is temporary and the incumbent selected shall have no claim for terminal benefits/regular appointment under institute or contention of her/his in any other project
12. Benefits of PF, CCA, TA/DA etc., are not applicable
13. No TA/DA shall be paid to attend interview or joining post and candidates should have to make her/his own arrangement for stay for interview/joining
14. Hostel facilities can be opted subject to availability and applicable charges/norms.
15. Selected candidate will have an opportunity to enrol in Ph.D. programme at IPE as per applicable norms.