

**Junior Research Fellow (JRF) Under Aeronautics R&D Board (AR & DB) DRDO,
Ministry of Defence Project**

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

Name of the Position	JRF
Number of Position (s)	02
Project Title	To predict film effectiveness of cooled HPNGV external surface under cascade flow conditions
Name of the Principal Investigator/Consultant In-charge and email-id	Dr. Arun Kumar Pujari Email: arun.pujarimec@iipe.ac.in
Sanction Number / Project Number with date	ARDB/PP/4132/2104
Tenure of the Project	03 years from the date of start of project.
Job Description (in 100 words)	The candidates are expected to carry out these activities. 1. Preparing the experimental set up. 2. Carrying out the experimental works & numerical simulations 3. Report writing The selected research fellow will have the opportunity to register for PhD program at IPE if satisfies the PhD eligibility requirements of IPE.
Essential Qualification(s)	BE/B.Tech in Mechanical /Aeronautical /Civil/Chemical Engineering ME/M.Tech in Mechanical/Aeronautical/Energy Engineering Specialization. Valid GATE score in Engineering Specializations.
Desirable Qualification(s)	Basic understanding of Engineering Mathematics, Thermodynamics, Fluid Mechanics, Heat Transfer, Turbomachinery, and Computational Fluid Dynamics is desirable. Expertise or experience in ANSYS Fluent simulation tool is preferred.
Age limit and Relaxation (if any)	35 years (Age relaxation as per GOI norms)
Fellowship	Rs.37000/- per month
Application deadline date and Time	20 th March 2024, 05:30 PM.

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 scan copy of filled application form with a copy of self-attested certificates to the Principal Investigator via e-mail with

subject line “<Funding Agency Name>-<Project Position>-<Name of Candidate>” on or before application deadline.

Refer Annexure-I (Terms and Conditions governing project staff) and Annexure-II (Terms and Conditions of Sponsoring Agency/Industry) before applying for the Position

Dr. Arun Kumar Pujari

Signature of PI/CI with date