

ADVERTISEMENT FOR THE POST OF JRF

Date: 6-03-2025

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project for a temporary period, purely on contractual basis as per the following details.

Position	Junior Research Fellow (JRF)
Number of Vacancy	1
Project Title	Retention of droplets during impact on superhydrophobic surfaces with application in agricultural sprays
Department	Mechanical Engineering
Project Tenure	2 years
Job Description	<p>The project involves fabrication of non-wetting substrates, surface characterization, preparing and characterizing emulsions, conducting evaporation and highspeed droplet impact experiments, microscopy, and analyzing data including development of analytical models.</p> <p>The applicant must have a good understanding of fluid mechanics, surface science, and have prior experience with conducting experiments.</p>
Essential Qualification	<p>As per CSIR Guidelines for Research Scheme/Sponsored Schemes/ Emeritus Scientist Pl. refer to CSIR-HRDG website: www.csirhrdg.res.in B.S. 4 years programme /BPharm/MBBS/Integrated BS-MS/MSc/BE/BTech or equivalent degree (in Mechanical or Chemical Engineering), with 55% marks and passing of NET/GATE test.</p>
Age Limit	JRF-28Yrs.,
Age relaxation	The upper age limit is relaxable up-to 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.
Fellowship	Junior Research Fellow (JRF)- Rs.37,000/-p.m.