



BITS Pilani
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CALL FOR RESEARCH STAFF (Junior Research Fellow)

Application Deadline: 01st November 2026

Date: 12th October 2026

Applications are invited from highly motivated candidates for the position of Junior Research Fellow (JRF) in the Department of Chemical Engineering , BITS Pilani, K. K. Birla Goa Campus, Goa, to work on a DST – Hydrogen Valley Innovation Cluster (HVIC) project , on the topic “Bio-Oil to Green Hydrogen Production and Scale-Up Demonstration”. The appointment will be purely on a contractual basis .			
Position	Junior Research Fellow (JRF)	Vacancy	1
Duration			2 years
Fellowship	Rs. 37000 + HRA (as per norms and experience of the candidate)	Investigators	Prof. Abhishek Sharma (PI) Prof. Pratik Sheth (co-PI)
Project Description	The project aims to develop and demonstrate an integrated thermo-chemical pathway for producing green hydrogen from biomass-derived bio-oil at a scalable level. It involves designing and optimizing oxy-steam gasification systems for efficient bio-oil-to-hydrogen conversion, supported by detailed techno-economic and life cycle assessments to ensure commercial and environmental viability.		
Desired Skillset	Interest in waste upcycling and decarbonization research; Knowledge of process design and development and acquaintance with process modelling tools such as ASPEN.		
Qualification	Post Graduate Degree in Basic Science OR Graduate/Post Graduate in Degree in Professional Course selected through a process described through any one of the following:- 1. Scholars who are selected through National Eligibility Tests- CSIR –UGC NET including lectureship (Assistant Professorship) and GATE. 2. The Selection process through National level examinations conducted by central Government departments and their agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, IIT, IISc, IISER etc.		

How to Apply: Interested candidates may apply via the link

(<https://docs.google.com/forms/d/e/1FAIpQLSeOjnzaqPttZOLSS0taezeflAaQKB0vByth-ssuB9SwlT6sqg/viewform?usp=publish-editor>) or email to abhisheksharma@goa.bits-pilani.ac.in / pratik@pilani.bits-pilani.ac.in by **01st November 2026, 23:59 IST**. Candidates must attach their recent curriculum vitae with details of research experience(s) while filling the form. For queries, contact PI/co-PI via email. Candidates will be shortlisted based on merit and as per the project requirement. Only shortlisted candidates will be contacted via e-mail for an online/personal interview to be held at BITS Pilani Campus. No TA/DA will be paid for the Interview.

Accommodation: Hostel accommodation will be provided subject to availability and will be governed by the rules and regulations of the Institute prevailing at the time of joining of the candidate.

