



Birla Institute of Technology & Science, Pilani

Pilani Campus

Grants Consultancy and Industrial Research (GCIR)

CALL FOR RESEARCH STAFF(JRF) POSITION

Date: 04 July 2024

About: Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project sponsored by the CSIR (Grant No F. No. 22WS(0007)/2023-24/EMR-II/ASPIRE) for a temporary period purely on contractual basis as per the following details:	
Position:	Junior Research Fellow (JRF)
Number of Vacancy:	01
Project Title:	Catalytic Reforming of Simulated Bio Oil for Hydrogen Production
Funding Agency:	Council of Industrial and Scientific Research (CSIR)
Principal Investigator (PI):	Prof. Banasri Roy, Department of Chemical Engineering
Project Tenure:	2 Years + 1 Year SRF thereafter after evaluation
Job Description:	The JRF is expected to carry independent literature study, Catalytic activity study using custom reactor set up, characterizations (XRD, XPS, SEM, TEM, FTIR, DTA-TGA, RAMAN, etc) of the catalysts and data analysis. He/She will compare these results with the existing relevant literature and apply scientific/engineering knowledge to analyze those and write paper/patent.
Qualification:	Minimum Qualification: BS 4 years programme/ MSc/BE/BTech or equivalent degree in Chemical Engineering/Material Science/ Nano Technology or relevant areas, with 55% marks and passing of NET/GATE test. Desirable Qualifications: M.E./M.Tech. (with at least 60% marks) in Chemical Engineering/Material Science/ Nano Technology or relevant areas. Desirable: GATE/NET qualified
Upper Age Limit:	Age not exceeding 28 years. The upper age limit is relax-able up-to 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.
Fellowship:	37,000/- (initially first two years) per month for GATE/NET-qualified candidates . 42,000/- Per month for third year as SRF
Registration for PhD.:	Selected candidates may be permitted to register for the PhD program of BITS Pilani subject to fulfilling the requirements of the PhD qualification process as per the institute norms.

How to Apply:

Applications along with updated CV should be sent through mail to banasri.roy@pilani.bits-pilani.ac.in with subject line as – ‘**Application for JRF- CSIR Project**’

Shortlisted candidates will be informed of the interview which will be conducted through online mode. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirements of the project.

Please note that only qualified and suitable candidates will be called for an interview.

Application Deadline: 15 July 2024

Contact Email: banasri.roy@pilani.bits-pilani.ac.in

