



Birla Institute of Technology & Science, Pilani

Pilani Campus

Grants Consultancy and Industrial Research (GCIR)

CALL FOR RESEARCH STAFF (JRF) POSITION

Date: 18 March 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 Science & Engineering Research Board (Project No. EEQ/2023/000264) - for a temporary period purely on contractual basis as per the following details:	
Position:	Junior Research Fellow (JRF)
Number of Vacancy:	01
Project Title:	Shock wave governed high velocity forming of tailor welded blanks for automotive applications
Funding Agency:	SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
Principal Investigator (PI):	Dr. Amit Kumar, Department of Mechanical Engineering
Project Tenure:	3 Years
Job Description:	JRF will work on a shock tube-forming setup to test welded sheets, prepare tailor-welded blanks and their characterization, perform finite element analysis, conduct forming experiments, and characterize residual stresses. The candidate will be involved in preparing manuscripts for SCI indexed journals, conferences and patents.
Qualification:	First class Master's Degree (M.E./M.Tech./M.S.) in Mechanical/Manufacturing/Production/Metallurgy and Materials/Design Engineering or any other relevant specialization; Required skills: Fundamental knowledge of manufacturing processes, metal forming, material characterization, design for manufacturing, and finite element analysis. Desirable: NET/GATE qualified
Upper Age Limit:	Age not exceeding 32 years as of the date of the interview. Age relaxation is allowed up to 5 years for SC/ST/PH/OBC/WOMEN candidates.
Fellowship:	37,000/- (initially first two years) and 42,000/- (afterward till the end of the project) per month for NET/GATE qualified candidates . 25,000/-(initially first two years) and Rs 28,000/- (afterward till the end of the project) per month for non- NET/GATE qualified candidates .
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 amit.kumar@pilani.bits-pilani.ac.in. 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: 8 April 2024

Contact Email: amit.kumar@pilani.bits-pilani.ac.in

