



Birla Institute of Technology & Science, Pilani

Pilani Campus

Sponsored Research and Consultancy Division (SRCD)

CALL FOR RESEARCH STAFF POSITION

Date: 24 May 2023

About: Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF)/ Project Associate-1 in a time bound research project for a temporary period purely on contractual basis as per the following details:	
Position:	Junior Research Fellow (JRF)/Project Associate-1
Number of Vacancy:	01
Project Title:	Development of Semi-Analytical Methodology as a Design Aid for Small Scale Structures using Non-Classical Continuum Mechanics
Funding Agency:	SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
Principal Investigator:	Dr. Rajesh Kumar, Department of Civil Engineering
Project Tenure:	3 Years
Job Description:	The candidate will carry out this work in a computational framework. He/she will develop the governing differential equation of nanostructures using nonclassical continuum mechanics. Finally, he /she will compute the static and dynamic responses of nanostructures using developed governing differential equation. He/she will also write the research papers in indexed journals, conferences and patents.
Qualification:	M.Tech/M.E. in Civil Engineering with a specialization in Structural Engineering, M.Tech/M.E. in Applied Mechanics, M.Tech/M.E. in Aerospace Engineering (Structures), M.Tech/M.E. in Naval Engineering (Structures). <i>Desirable:</i> GATE/NET qualified.
Upper Age Limit	Age not exceeding 35 years as on the date of interview. Age relaxation is allowed up to 5 year for SC/ST/PH/OBC/WOMEN candidates.
Fellowship:	31,000/- (initially first two years) and Rs 35,000 (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 will be given the opportunity for a full time PhD program at BITS, Pilani as per the institute norms.

How to Apply:

Applications along with updated CV should be sent through mail to rajesh.kr@pilani.bits-pilani.ac.in. Shortlisted candidates will be informed for the interview. 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 requirement of the project. Please note that only qualified and suitable candidates will be called for an interview.

Application Deadline: 30th June 2023

Contact Email: [rajesh.kr @pilani.bits-pilani.ac.in](mailto:rajesh.kr@pilani.bits-pilani.ac.in)

