



Birla Institute of Technology & Science, Pilani
Pilani Campus
Grants Consultancy and Industrial Research (GCIR)

CALL FOR RESEARCH STAFF (JRF) POSITION

Date: 21 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. CRG/2023/001190)** for a temporary period purely on contractual basis as per the following details:

Position:	Junior Research Fellow (JRF)
Number of Vacancy:	01
Project Title:	Interaction of ultrathin films of functionalized graphene with proteins at air-water and solid-water interfaces
Funding Agency:	SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
Principal Investigator (PI):	Dr. Raj Kumar Gupta, Department of Physics
Project Tenure:	3 Years (2 Years JRF + 1 Year SRF after evaluation)
Job Description:	Graphene, known as a wonder material, holds immense promise for advancing the field of biosensors due to its remarkable properties. Through precise control over the physicochemical characteristics of graphene and its derivatives, particularly in the ultrathin film regime, significant advancements can be achieved. The project is very challenging requiring a good knowledge of solid state physics, thermodynamics, statistical mechanics, optics, instrumentation and computer interfacing skills.
Qualification:	MSc in Physics with at least 60% marks or equivalent. Desirable: NET/GATE qualified
Upper Age Limit:	Age not exceeding 35 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/- per month for NET/GATE qualified candidates . 25,000 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:

Please apply Online with CV, cover letter & your passport size photo (showing alignment and justification with the roles/responsibilities/requirements) using this form

Google form link: <https://shorturl.at/kuy46>

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: raj@pilani.bits-pilani.ac.in

