



**BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE PILANI,
PILANI CAMPUS**

Grants Consultancy and Industrial Research (GCIR)

CALL FOR RESEARCH STAFF (JRF) POSITION

28th 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 Id. No. CRG/2023/000285) for a temporary period purely on contractual basis as per the following details:	
Project Position	Junior Research Fellow (JRF)
Number of Vacancies	01
Title of the Project	Exploring the Mechanism of Aggregation Induced Emission (AIE) and Aggregation Enhanced Emission (AEE) Phenomena Through DFT and Wave Function Based Methods
Funding Agency	SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
Principal Investigator (PI)	Dr. Ram Kinkar Roy, Department of Chemistry
Duration of the Project	3 Years
Job Descriptions	The JRF will carry out ground and excited states electronic structure calculations both in wave function and DFT based methods. He/she may need to closely collaborate with experimentalists working on photoluminescent materials and their behavior in aggregate state.
Fellowship Amount	(i) 37,000/- (initially first two years) and 42,000 (afterwards till the end of the project) per month for GATE/NET/NET(LS) qualified candidates. (ii) 25,000/-(initially first two years) and Rs 28,000 (afterwards till the end of the project) per month for non-GATE/NET/NET(LS) qualified candidates
Eligibility Requirements	(i) First Class in M.Sc. (Chemistry) with Physical Chemistry specialization (i.e., Major) and mathematics as one of the minor subject up to B.Sc. level. NET/GATE qualification is desirable but not mandatory. The applicant should have successfully completed some courses on quantum chemistry in B.Sc./M.Sc. level. (ii) Age not exceeding 28 years as of the date of interview. However, candidates completed M. Sc. within a year or two is desirable.
Registration for Ph.D.:	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 rkroy@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.

Email: rkroy@pilani.bits-pilani.ac.in

Webpage: <https://www.bits-pilani.ac.in/pilani/ram-kinkar-roy/>

Application Deadline: 07th April, 2024

