



Birla Institute of Technology & Science, Pilani

Pilani Campus

Grants Consultancy and Industrial Research (GCIR)

CALL FOR RESEARCH STAFF POSITION

Date: 27 October 2023

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 – State University Research Excellence (SERB, F. No. SUR/2022/001519) for a temporary period purely on contractual basis as per the following details:	
Position:	Junior Research Fellow (JRF)
Number of Vacancy:	01
Project Title:	Excited state (anti)aromaticity-guided charge transfer fluorophore research for biological imaging
Funding Agency:	SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
Principal Investigator (PI):	Dr. Avik Kumar Pati, Department of Chemistry (PI- BITS Pilani, Pilani Campus)
Project Tenure:	3 Years
Job Description:	The candidate is required to perform fluorophore synthesis, photophysical, photochemical and computational pursuits in a goal to develop photostable charge transfer probes for biological imaging. The candidate will also work collaboratively with our national and international collaborators to achieve specific mechanistic goals for these research initiatives. The candidate's additional responsibility will be to work with other members of the group to expedite the progress of the current research area. Correspondingly, the candidate is expected to serve in an active role seeking to publish primary research manuscripts and plenary review articles at the frontiers of fluorescence imaging research.
Qualification:	<ul style="list-style-type: none">• Master of Science (M.Sc.) degree in Chemistry with at least 60% marks having strong interest in Physical Chemistry• Self-motivated, keen to learn new methods, ability to solve problems independently• Good proficiency in technical writing Desirable: GATE/NET qualified
Upper Age Limit:	Age not exceeding 30 years as of the date of the interview. Age relaxation is allowed up to 5 years for SC/ST/PH/OBC/WOMEN candidates.
Fellowship:	31,000/- (initially first two years) and 35,000 (afterward till the end of the project) per month for GATE/NET-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 avik.pati@pilani.bits-pilani.ac.in. You can also fill in the google form (<https://forms.gle/4JpY6EY8S7oa4nrxr6>). Shortlisted candidates will be informed of the interview which will be conducted online mode. Mere possession of the 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 November 2023

Contact Email: avik.pati@pilani.bits-pilani.ac.in

