



# Birla Institute of Technology & Science, Pilani

Pilani Campus

Sponsored Research and Consultancy Division (SRCD)

## CALL FOR RESEARCH STAFF POSITION

Date: 24 March 2023

<b>About:</b> 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:	
<b>Position:</b>	Junior Research Fellow (JRF)/Project Associate-1
<b>Number of Vacancy:</b>	01
<b>Project Title:</b>	Study of renewable photocatalytic water splitting for hydrogen generation and storage in hydrogen fuel cell
<b>Funding Agency:</b>	SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
<b>Principal Investigator:</b>	Dr. Debashis Bandyopadhyay, Department of Physics
<b>Project Tenure:</b>	3 Years
<b>Job Description:</b>	The project aims to identify the easy route and to model materials for hydrogenation reaction under photocatalytic water splitting followed by hydrogen storage under the framework of DFT theoretical. The candidate is expected to work in an interdisciplinary field of materials chemistry, physics, and renewable energy. The candidate is expected to write a manuscript of the scientific research, computations, and writing script mainly in the python platform.
<b>Qualification:</b>	M. Sc. in Physics with minimum 60% marks/ 6.0 C.PA. It is desirable that the candidate should have a sound physics background and an excellent academic record. Good knowledge of programming languages such as Python, Matlab, C/C++ or Fortran is desired, installing software and research related official paper work. <i>Desirable:</i> GATE/NET qualified.
<b>Upper Age Limit</b>	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.
<b>Fellowship:</b>	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.
<b>Registration for PhD.:</b>	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 [bandy@pilani.bits-pilani.ac.in](mailto:bandy@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: 5<sup>th</sup> April 2023**

**Contact Email:** [bandy@pilani.bits-pilani.ac.in](mailto:bandy@pilani.bits-pilani.ac.in)

