



**Dr. Santanu Das**  
Associate Professor

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**Ref NO: IIT(BHU)/CER/DRDO-SD/ 2024/03A**

**Recruitment of Project Associate in the  
Department of Ceramic Engineering,  
Indian Institute of Technology (BHU), Varanasi**

Applications are invited from Indian nationals for the following position for the research project titled **“Development of mesoporous hybrid carbonaceous support catalysts for high-performance electrocatalytic electrodes for PEM Electrolyzers”** sponsored by Defense Research Development Organization (DRDO), Government of India, for a total period of **two years**.

Name of the position: **Project Associate-I**

Number of positions: 01

**Last date of Application:** Applicants should apply by **04<sup>th</sup> February 2026 (Deadline)**.

**Duration of Position:** One year (Subjected to extendable as per the instruction from the DRDO).

**Emoluments (p.m.):** Rs. 25,000/- (Consolidated)+ 18% HRA (or as per the funding agency norms)

**Educational qualification:**

- a. Bachelor/Masters degrees in Sciences (Physics, Chemistry) or Engineering (from, any branch).
- b. Minimum 55% or equivalent CGPA in preceding degree.

**Desirable**

Experience on working with nanostructure synthesis through wet-chemical processes, nanostructure synthesis via CVD, and knowledge of materials characterization techniques such as XRD, SEM, AFM, RAMAN, TEM/HRTEM, electrochemical characterizations, etc. Demonstrated experience working with graphene, carbon nanostructures, electrochemical devices, catalysis, spectroscopic techniques, etc. would be given preferences.

**Age** 28 years maximum. Age relaxation applicable as per Government of India (GoI) rules.

The candidate will primarily work on "Development of mesoporous hybrid carbonaceous support catalysts for high-performance electrocatalytic electrodes for PEM Electrolyzers" under the supervision of **Dr. Santanu Das**; please see the research publications and recent research activities and other details at Dr. Das's research group websites in the link below:

<https://iitbhu.ac.in/dept/cer/people/santanudascer>

#### **General Terms and Conditions:**

1. The position is purely temporary and is coterminous with the project.
2. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
4. The candidate, when selected, is expected to join immediately.
5. No TA/DA will be paid for attending the interview.

Interested candidates should send their application with all the relevant academic documents (both soft copies and hard copies) in the attached application format (Page No. 3) to the Principal Investigator in the following address and email id by 04/02/2026 (Last Date of Application):

To,

**Dr. Santanu Das,**

**Associate Professor,**

**Room No: CR-215, Department of Ceramic Engineering**

**Indian Institute of Technology (BHU)**

**Varanasi 221005 (U.P.) INDIA**

**Email: [santanudas.cer@iitbhu.ac.in](mailto:santanudas.cer@iitbhu.ac.in)**

**Phone: 9918910417**

**APPLICATION FOR Project Associate-I POSITION in the Department of Ceramic Engineering,**

**IIT (BHU), Varanasi, 221005, UP India.**

**Application for Project Associate-I: (IIT(BHU)/CER/DRDO-SD/ 2024/03A)**

1. Full Name:

PHOTO

2. Date of Birth:

3. Sex: M/F 4. Category: GEN/SC/ST/OBC

5. Marital Status:

6. Nationality:

7. Physically handicapped: Y / N

8. Names of Father and Mother:

9. Address of Correspondence (including phone No):

10. E-mail Address:

11. Academic Record: (a) Qualifying Degree (starting from High School or equivalent):

| Examination with Specialization | Name of School, College, University/Institute, with city and state | Year of passing | Subjects | Percentage of marks/GPA obtained | Distinction/ Division |
|---------------------------------|--|-----------------|----------|----------------------------------|-----------------------|
|                                 |  |                 |          |                                  |                       |
|                                 |  |                 |          |                                  |                       |
|                                 |  |                 |          |                                  |                       |

12. Details of the project carried out (if any) with duration, place of work, area worked on, mentor/guide's name, description of the project and contribution to the project (in not more than 5 sentences), and publication details (if any) (Add an Additional sheet if required):

13. Working experience (if any) (Please use additional sheet, if required):

14. Whether currently employed:

15. Time required to join this position:

16. Names and addresses of one referee along with phone number and e-mail address:

**Declaration:** I hereby declare that I have carefully read and understood the instructions and particulars on this application and that all entries in this form as well as in the attached sheets are true to the best of my knowledge and belief.

Date:

Signature

Place:

## Application Instructions

1. All original certificates need to be presented before the interview for verification.
2. The self-attested copies of all the relevant certificates/documents need to submit during application (both soft and hard copies).
3. Provide at least one academic recommendation letters from previous mentor (s), supervisor(s) or professor.
4. Venue of Interview: Department of Ceramic Engineering, IIT (BHU), Varanasi 221 005 UP India.
5. For further clarification regarding the application process, the candidate can discuss with the PI over the phone (9918910417) or email: [santanudas.cer@iitbhu.ac.in](mailto:santanudas.cer@iitbhu.ac.in).
6. **The application must be sent along with all the relevant documents as per the attached format (Page No. 3) on or before the last date (04/02/2026).**
7. Please write "Application for Project Associate-I (Ref No: IIT(BHU)/CER/SD/DRDO/ 2024/01)" in the subject line of the email.
8. Shortlisted candidates will be intimated by email after the deadline.