



National Institute of Technology Durgapur

DEPARTMENT OF CHEMICAL ENGINEERING

Advt. No.: NITD/SRCC/DD/CHE/PA/2025/02

Date of Advt.: 26/09/2025

Applications are invited from Indian citizens for the following post to work in an ANRF PM Early Career Research Grant project in the Department of Chemical Engineering, NIT Durgapur.

Name of the Project: Design of a Two-Dimensional (2D) Paper-Based CRISPR/CAS Integrated LAMP (Loop-Mediated Isothermal Amplification Reaction) Device for Point-of-Care Applications

Principal Investigator (PI): Dr. Debayan Das, Assistant Professor, Chemical Engineering

Post: Project Assistant (PA)

No. of Post: 01 (one)

Duration: 12 months (initially) and extendable based on performance and fund availability. Performance will be reviewed every six months.

Essential Qualification: B.E./B.Tech in Chemical Engineering, Biotechnology, Biomedical Engineering or allied disciplines, M.Sc. in Biotechnology, Biochemistry, Microbiology, Life Sciences, Molecular Biology, or allied disciplines with a minimum of 6.5 CGPA or 60% marks from a recognized Institute/University.

Desirable Qualifications/Experience:

- Familiarity with paper-based diagnostics, CRISPR-based assays, or molecular diagnostics
- Hands-on skills in wet-lab work or fabrication techniques

Fellowship:

- INR 27,000/- per month (consolidated; no HRA)
- Accommodation in hostel as per Institute norms

How to apply: Interested candidates may apply for this post by sending their respective CV's along with a statement of purpose (SOP) via email to ddas.che@nitdgp.ac.in with a subject line: **"Application for Project Assistant under ANRF Project"** within **1 month** from the date of advertisement. The date and time of interview will be communicated via email to the shortlisted candidates. The application should contain (in a single PDF):

Queries, if any, may be addressed to the PI:
Dr. Debayan Das
Assistant Professor
Department of Chemical Engineering
NIT Durgapur