

## ADVERTISEMENT

### **Project Technical Support-III in the ICMR-funded Research Project**

April 29, 2024

**Applications are invited from interested and motivated candidates for the post of Project Technical Support-III in a time-bound research project for a temporary period, purely on a contractual basis as per the following details.**

Position	Project Technical Support-III
Number of Vacancies	ONE
Project Title	<u>Investigating the effects of tyrosine phosphorylations in inducible nitric oxide synthase (iNOS) in lung cancer</u>
Principal Investigator	Prof. Mohammad Mahfuzul Haque
Department and Institution	Department of Biotechnology, Jamia Millia Islamia, New Delhi-110025
Project Tenure	One year (May be extendable up to three years based on yearly performance)
Project Description	Applications are invited from qualified candidates for the position of Project Technical Support-III to work on a project that focuses on the biology and chemistry of Nitric Oxide and its role in lung cancer. It aims to investigate structural alterations, functional changes, and pathway disruptions caused by specific iNOS mutations associated with lung cancer. Further, it will explore the impact of phosphorylation on iNOS catalytic efficiency, enzyme uncoupling, and reactive oxygen species (ROS) generation, and their collective contribution to lung cancer development. The study will employ biochemical and biophysical methods along with <i>in vitro</i> cell culture models to investigate tyrosine phosphorylation events in iNOS and their functional implications.
Essential Qualification	Three years graduate in any stream of Life Sciences/Biotechnology/Biochemistry/Microbiology with three years of research experience in the relevant field <b>OR</b> Postgraduate degree in any stream of Biotechnology/ Life Sciences/Biochemistry/Microbiology.
Desirable Experience	Candidates with prior experience in molecular cloning, <i>in vitro</i> experiments, biochemical and biophysical assays, protein expression and purification, enzyme kinetics, and mammalian cell culture will be given preference. Strong oral and written communication skills in English will be considered an additional asset.
Age Limit	Maximum 35 Years (Age relaxation for SC/ST/Physically Handicapped/Female candidates will be as per the Govt. of India rules).
Consolidated Emoluments	Rs. 28,000/-p.m + 30% HRA = Rs. 36,400 per month

**How to apply:** Please submit a cover letter, attached application form, and self-attested, scanned copies of certificates/documents/degrees/awards along with the latest CV combined into a single PDF file and send it by e-mail to [haquelabjmi@gmail.com](mailto:haquelabjmi@gmail.com) before **May 12, 2025**.

**General Instructions:**

- Incomplete applications will not be accepted.
- Only shortlisted candidates will be communicated to appear for the interview.
- Guidelines of funding agency to recruit manpower will be applicable.
- Appointment and payment will be strictly as per JMI rules and guidelines
- Original certificates need to be presented before the interview for verification.
- Interviews will be conducted through offline mode only.
- No TA/DA will be paid to candidates appearing for the interview.
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*Candidates are requested to carry their CV, certificates, mark sheets, and other relevant documents in original and photocopies at the time of the interview.*

**Principal Investigator**

Dr. Mohammad Mahfuzul Haque  
Professor  
Department of Biotechnology  
Jamia Millia Islamia, Jamia Nagar  
New Delhi 110025, INDIA

## **Application for Senior Research Fellow (SRF)**

**Name:**

**Father's Name:**

**Date of Birth:**

**Address:**

**Mobile No.**

**E-mail:**

**Education:**

Course Name	Major subject	Year	University	Grade

**NET/GATE Score:**

**Title of Dissertation:**

**Experience:**

Name of Organization	Designation	From	To	Role

Description of Research Project(s) Handled:

Technical Expertise:

Date

Place

Signature

