

DEPARTMENT OF PHYSICS & ASTROPHYSICS

UNIVERSITY OF DELHI

DELHI – 110007, INDIA

Advertisement for the post of Project Associate in DST-Inspire Project

Applications are invited from Indian Nationals for the post of **Project Associate** in a DST-Inspire faculty project with the following details:

Title of Project: Effect of Nitrogen on industrially important ZnO/Cu Catalyst: Structure, Interface and Activity for Methanol Production from CO₂+H₂.

Principal Investigator (PI): Dr. Krishnakanta Mondal, Assistant Professor, Department of Physics and Astrophysics, University of Delhi, Delhi-110007

Name of Position: Project Associate

Fellowship: Rs. 38440/- per month

Number of Position: 01

Essential Education Qualifications: M.Sc. (Physics/Computational Physics/Materials Science/Computational Chemistry/Chemistry) with a minimum of 55% aggregate score (5.5-grade points on a scale of 10) from a recognized university/Institution.

Desirable: Basic knowledge of Density Functional Theory (DFT) based methods, fluency in softwares like Quantum Espresso, Gaussian and GPAW and Linux based operating systems, research experience in the modeling of transition metal based catalysts for energy harvesting applications (CO₂ to methanol production, hydrogen evolution Reaction (HER) and oxygen evolution Reaction (OER)).

Age Limit: Below 35 years on the date of application

Duration: Till 31st March 2025.


How to apply: Interested candidates must send their detailed resume (CV) to the e-mail address kmondal@physics.du.ac.in on or before **April 23, 2024**. Only shortlisted candidates will be called for an interview. We will intimate **the date and time of the interview via e-mail**. Shortlisted candidates should appear for an interview in person/online at Department of Physics and Astrophysics, University of Delhi, Delhi-110007 with original academic and supporting documents. No TA/DA will be paid for attending the interview. Candidates should make their arrangement for travel and accommodation. Specific queries, if any, can be addressed to Dr. Krishnakanta Mondal, Department of Physics and Astrophysics, University of Delhi (kmondal@physics.du.ac.in).

Last date of application: April 23, 2024

Expected Joining: Within a week after getting joining letter (position is available for joining immediately)

Terms & Conditions: i) The appointment of the candidates will be governed by rules and regulations of University of Delhi/DST-Inspire whichever applicable.

- i) The PI shall not be responsible for any email error, technical glitch in applying or late receipt of your application. No application will be considered after the due date specified in the advertisement.
- ii) The decision of the selection committee will be final.
- iii) For any queries regarding position, please write to PI.


Dr. Krishnakanta Mondal
(Principal Investigator)

डॉ. कृष्णाकान्त मंडल/Dr. Krishnakanta Mondal
सहायक प्रोफेसर/Assistant Professor
भौतिकी एवं खगोल भौतिकी विभाग
Department of Physics & Astrophysics
दिल्ली विश्वविद्यालय/University of Delhi
दिल्ली-110007/Delhi-110007