



SCHOOL OF CHEMICAL SCIENCES

MAHATMA GANDHI UNIVERSITY

Priyadarshini Hills, Kottayam- 686560
Kerala, India

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14.07.2025

Advertisement for Junior Research Fellow (JRF)/ Project Assistant I - ANRF Early Career Research Fellowship (ANRF ECRF)

Applications are invited for a temporary position of JRF/ Project Assistant I to work on a ANRF ECRF project by SERB, Govt. of India, entitled "*Expanding The Chemical Space of Single Atom Photobiocatalysis: The Perovskite Halide Heterojunctions for Hard-To-Treat Lung Biofilm Infections (PeV_BioCat)*" at School of Chemical Sciences, Mahatma Gandhi University (MGU), Kottayam 686 560, Kerala, India.

The duration of the project is *three* years from 15-07-2025.

Principal **Dr. Noufal Kandoth**

Investigator: Associate Professor, School of Chemical Sciences,
Mahatma Gandhi University, Kottayam-686 560, Kerala, India
Email: noufalkandoth@mgu.ac.in; noufakandoth@gmail.com
Mobile: +91 9895129237

Position **Junior Research Fellow/ Project Assistant I**

No. of Posts 1

Age Below 28 years

Qualification M. Sc. in Chemistry (minimum 60% marks)
[Essential] [Candidates who have qualified with NET/GATE will be given preferences]

**Job
Description**

The project will involve synthesis and development of inorganic materials like metal halides perovskites & their supramolecular assemblies with synthetically tailored ligands with the final focus on catalytic and biological application in antimicrobial therapy. Their characterizations include state-of-the art optical spectroscopic and microscopic techniques. Thus, research experience in inorganic synthesis and /or self-assembly in aqueous phase will be given preference. The candidate will work in join collaborations with IISER Kolkata.

Fellowship As per ANRF ECRF guidelines

Rs. 356400 per annum with the possibility to extend next year following a mandatory assessment of performance after the completion of First year,

Eligible and interested candidates should send their application with a complete CV (having personal details, academic qualifications, research experience, publications, name, affiliation, and email address of two referees) and other relevant documents as a PDF attachment to following any one of the Email: noufalkandoth@mgu.ac.in; noufakandoth@gmail.com

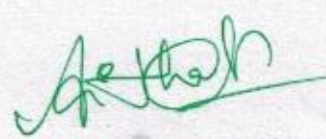
Due date: All documents should be mailed on or before 08st August 2025. The interview date and details will be informed to the shortlisted candidates via email.

Conditions:

- i. The decision of the selection committee will be final.
- ii. If the number of shortlisted candidates called for the interview is large, the selection committee may decide to restrict the number of candidates for the interview to a reasonable limit after considering qualifications and experience over and above the minimum prescribed in the advertisement.
- iii. The selected candidate will have to join duty immediately on receipt of the offer,
- iv. The fellowship is for **1 year** initially and will be renewed based on the performance of candidate.
- v. The selected candidate will be given the opportunity of pursuing full time PhD at MG University, Kottayam as per the institute norms.
- vi. The selected candidate will work in collaboration with IISER Kolkata and IIT Palakkad.

With regards,




Professor and Head
School of Chemical Sciences
Mahatma Gandhi University
Priyadarsini Hills P.O.
Kottayam, Kerala. 686 560