



# SCHOOL OF CHEMICAL SCIENCES

## MAHATMA GANDHI UNIVERSITY

Priyadarshini Hills, Kottayam- 686560  
Kerala, India

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Phone: 0481 2731036

08.08.2025

### **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](mailto:noufalkandoth@mgu.ac.in); [noufakandoth@gmail.com](mailto:noufakandoth@gmail.com)  
Mobile: +91 771962224

**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**

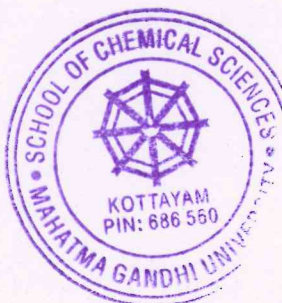
Rs. 356400 per annum with the possibility to extend next year following a mandatory assessment of performance after the completion of First year,

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](mailto:noufalkandoth@mgu.ac.in); [noufakandoth@gmail.com](mailto:noufakandoth@gmail.com)

**Due date:** All documents should be mailed on or before **15<sup>th</sup> August 2025** (Extended Deadline). 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