

**DEADLINE FOR SUBMISSION OF APPLICATION**  
**EXTENDED UP TO APRIL 20, 2023**

**Department of Applied Sciences & Humanities**  
**Jamia Millia Islamia, New Delhi-110025**

**Advertisement for the post of Post Doctoral Fellow and**  
**Junior Research Fellow**

Applications are invited from the Indian citizens for filling up one post of Post-Doctoral Fellow (PDF) & one post of Junior Research Fellow (JRF) sponsored by Ministry of New and Renewable Energy (MNRE), Govt. of India, in the research area of **perovskite/lead free perovskite/double perovskite/perovskite-silicon tandem solar cells from lab scale to large area.**

**A. ELIGIBILITY**

**1. JUNIOR RESEARCH FELLOW (JRF) (One Post)**

**Essential Qualifications:**

M.Sc./M.Tech. in Applied Physics/Applied Chemistry/polymer chemistry / Electronics /Electronic Science/Nanotechnology/Energy Studies/Energy Science/Renewable Energy with National Eligibility Test (NET)/GATE in the relevant subject.

**Age Limit:**

The upper age limit for JRF shall be 28 years as on 31.03.2023, which is relaxed upto 5 years in the case of candidates belonging to Schedule Castes/Schedule Tribes, Women, Physically Handicapped and OBC applicants as per Govt. of India rules & regulations.

**Tenure:** The above position is purely contractual and initially for a period of 1 year. The fellowship is extendable up to 3 years subjected to satisfactory performance and review at the end of the year.

## 2. POST-DOCTORAL FELLOW (PDF)

### Essential Qualifications:

Ph.D. in Physics/Chemistry/Applied Physics/Electronic Science/Material Science/Nanotechnology /Chemical Engineering with M.Sc. at least 55% or equivalent grade.

**Desirable Qualifications: Research experience of at least 2-3 years on perovskite solar cells in the form research publications.**

### Age Limit:

The upper age limit for PDF shall be 35 years, which is relaxed upto 5 years in case of candidates belonging to Schedule Castes/Schedule Tribes, Women, Physically Handicapped and OBC applicants.

### Tenure:

The above position is purely contractual and initially for a period of 1 year. The fellowship is extendable up to 3 years subjected to satisfactory performance and review at the end of the year.

## B. STIPEND/ Fellowship Amount

Category	Fellowship
Junior research fellow	Rs. 31,000/- per month with HRA (as per Govt. rules)
Post-Doctoral Fellow	Rs. 47,000/- per month with HRA (as per Govt. rules)

## C. INSTRUCTIONS

The candidates should carefully read these instructions before submitting the application.

1. The candidate must furnish about 500 words abstract of the R&D works he/she plans to pursue on the research topics proposed in the advertisement along with the application and detailed CV focusing research work (especially for the candidates applying for PDF).

2. The candidates applying for PDF are required to do 5-10 minutes presentation based the proposed work and the work undertaken during the Ph.D.
3. Misrepresentation or hiding of facts, canvassing in any form shall lead to disqualification/termination. No interim enquiries will be attended by the Institute.
4. Application will be accepted only via e.mail ([zishanhk@jmi.ac.in](mailto:zishanhk@jmi.ac.in)).
5. No TA/DA or any claim will be reimbursed/paid to candidate for attending the interview.
6. **The date of interview will be intimated to the candidate by e-mail only. The candidates are instructed to mention their e-mail id/id's carefully in CV.**
7. **The last date for application is extended to April 20, 2023.**

#### **D. PROCEDURE FOR APPLYING FOR THE SCHEME**

The candidates fulfilling the eligibility conditions should apply via mail only. Please send your CV and SOP on [zishanhk@jmi.ac.in](mailto:zishanhk@jmi.ac.in)

(Prof. Zishan Husain Khan)  
Head & Principal Investigator