

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

**Advertisement for one post of Post Doctoral Fellow/Research Associate and one post of
Junior Research Fellow**

Applications are invited from the Indian citizens for filling up one post of Research Associate (RA) & 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 /biomass /biocoal/biofuel.**

A. ELIGIBILITY

1. JUNIOR RESEARCH FELLOW (JRF)

Essential Qualifications (as per CSIR/MHRD/DST/MNRE Norms):

M.Sc. or M.Tech. in Physics, Applied Physics, Chemistry, Applied Chemistry, Electronics, Materials Science, Nanotechnology, Energy Science & Technology, or Chemical Engineering, with a valid National Eligibility Test (UGC/CSIR-NET) or GATE qualification in the relevant subject.

Age Limit:

The upper age limit for JRF shall be 28 years as on **21.10.2025**, which is relaxed up to 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 position is purely contractual, initially for one year, and may be extended based on satisfactory performance and annual review. The total fellowship duration will be up to five years as per CSIR guidelines. Candidates will initially be appointed as Junior Research Fellows (JRF) and may be upgraded to Senior Research Fellow (SRF) after two years, based on the recommendation of an assessment committee. The SRF tenure will be for three years or until submission of the Ph.D. thesis, whichever is earlier. **The selected candidate will be required to enroll for a Ph.D. program in Department of Applied Sciences & Humanities, Jamia Millia Islamia, New Delhi.**

2. POST-DOCTORAL FELLOW (PDF)/RESEARCH ASSOCIATE (RA)

Essential Qualifications (as per CSIR/MHRD/DST/MNRE Norms):

- a) Ph.D. in Physics/ Applied Physics/ Chemistry/Applied Chemistry /Electronics/Material Science /Nanotechnology/Energy Sc. & Technology/Chemical Engineering with M.Sc. in Physics/ Applied Physics/ Chemistry/Applied Chemistry /Electronics/Material Science /Nanotechnology/Energy Sc. & Technology/Chemical Engineering at least 55% or equivalent grade.

or

M.Tech. in Physics/ Applied Physics/ Chemistry/Applied Chemistry /Electronics/Material Science /Nanotechnology/Energy Sc. & Technology/Chemical Engineering at least 55% or equivalent grade with three years R&D experience as on the last date of application, evidenced from Raship or associateship or from date of registration of PhD.



Alkhanis
09.10.2025

- b) The candidate applying for Post Doctoral Fellow/Research Associateship must have at least one research publication in standard referred journal as listed in Journal Citation Reports (JCR).

Age Limit:

The upper age limit for PDF shall be 35 years, which is relaxed up to 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 continuation of the fellowship is subjected to satisfactory performance and review at the end of the year. On satisfactory performance, the tenure of the fellowship may further be extended.

B. STIPEND/ FELLOWSHIP AMOUNT

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

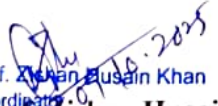
C. INSTRUCTIONS

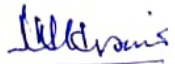
The candidates should carefully read these instructions before submitting the application.

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/RA).
2. The candidates applying for PDF/RA are required to do 5-10-minute presentation based on 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).
5. **The last date for application is extended up to Oct. 21, 2025.**
6. No TA/DA or any claim will be reimbursed/paid to candidate for attending the interview.
7. **The date of the 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.**

D. PROCEDURE FOR APPLYING FOR THE SCHEME

The candidates fulfilling the eligibility conditions should apply via e-mail only. Please send your CV and SOP on zishanhk@jmi.ac.in


Prof. Zishan Husain Khan
Coordinator
National Renewable Energy Programme
Principal Course Director
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09.10.2025
Head
(Prof. Mohd. Mudassir Husain)
Faculty of Engg. & Tech.
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