

Aliah University

IIA/27, New Town, Kolkata-700 160

Notification No.: AU/Apptt./RA/CHM-3/24

Date: 13-11-2024

Research Associate (RA) Position under a SERB Funded Project at Aliah University

Deadline of application: 23 November, 2024 until 5 P.M.

Date of offline interview: 27 November, 2024 at 3 P.M.

A position for a **Research Associate (RA)** is available in the research group of **Dr. Md. Hedayetullah Mir, Assistant Professor, Department of Chemistry, Aliah University**. The project is aimed to develop photo responsive metal-organic framework (MOFs) crystals that can hop, split and jump under UV light. Incorporating them into polymer host objects will let us control movement from molecules to millimetres, and their changing structures will allow us to control gas uptake and release, all opening up a new world of light-switched smart materials.

Title of project: Hopping MOFs: Development of Photoactive Metal-Organic Frameworks (MOFs) for the Fabrication of Next Generation Smart Materials

Funding agency: SERB, Govt. of India.

Principle Investigator: Dr. Md. Hedayetullah Mir, Assistant Professor, Department of Chemistry, Aliah University

Remuneration: Rs. 38,000/- per month (Consolidated).

Tenure: A period of 1 year or till the completion of the project whichever is earlier.

Eligibility Criteria: PhD in Chemistry/Material Science or equivalent degree with minimum 60% marks in M.Sc degree or equivalent degree.

Desirable Criteria: Preference will be given to the candidates with a prior research experience in synthesis of MOFs/crystal engineering/ smart materials.

Age limit: Age limit and relaxation in age for SC/ST/OBC etc. as per Govt. of India rules.

How to Apply: A detailed CV along with the scanned copies of the qualification documents and other relevant documents must be emailed to chmmir@gmail.com latest by 23rd November 2024 until 5 P.M.

Interview: Shortlisted candidates are requested to appear in the interview personally (offline) on 27th November, 2024 at 03:00 P.M. in the Department of Chemistry, Aliah University to be organised by Dr. Md Hedayetullah Mir, Assistant Professor, Department of Chemistry, Aliah University.

Terms and Conditions:

- i) The decision of the selection committee will be final.
- ii) If the number of candidates appearing for the interview is large, the selection committee may 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 upon receiving the offer.
- iv) The fellowship may be terminated with a 30 day notice before completing the tenure if performance to date is not deemed satisfactory.

Contact

Dr. Md Hedayetullah Mir

Assistant Professor, Department of Chemistry

Aliah University, IIA/27, Action Area II, New Town, Kolkata-700160, India

Email: chmmir@gmail.com

Sd/-
Registrar (Officiating)