

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

Jadavpur, Kolkata – 700032

Advt. No:-KDMR/SAIS/060

Dated: 05/10/2023

Research-Associate (RA): Synthesis and characterization of perovskites and 2D-Materials for optoelectronic devices (one)

Minimum Qualifications: The successful candidate should possess the following qualifications

- A Ph.D. degree in Chemistry or Physics (Experimental) from a recognized University or Institute.
- Experience in the synthesis of 2D materials and nanostructures with organic/inorganic perovskites.
- Proficiency in semiconductor device fabrication and thin film deposition techniques.
- Minimum average marks of 55% in B.Sc./B.Tech. and M.Sc./M.Tech./M.S. degrees.

Desirable Qualifications: In addition to the minimum qualifications, candidates with the following experience will be highly preferred

- Proficiency in XRD, FESEM, PL, TEM characterizations.
- Competence in optical and electrical characterization of thin films.
- Familiarity with nano-electronic device fabrication techniques and tools.

Duration: The initial appointment will be for a period of six months, with the possibility of extension up to one year or more based on the candidate's performance review.

Candidates who have submitted their Ph.D. thesis and are awaiting the award of the same may also apply subject to receiving their Ph.D. degree. Such candidates are eligible to draw fellowship at par with RA only after their Ph.D. degree.

Age limit: 34 years, Age relaxation is applicable as per Govt. rule.

Emoluments: As per rules of the Association.

(http://iacs.res.in/waterways/admin/ckeditor/ckfinder/userfiles/files/General-Rules-Regulations-of-the-Institute_02_12_2016.pdf)

For the Ph.D. holder, the original or provisional certificate, and for the candidate who has submitted the thesis, the relevant document like the acknowledgment copy from the respective university or the authorized letter from the respective supervisor with signature and stamp mentioning the title of the thesis, university registration number, date of submission is mandatory to produce during the interview.

Emoluments: As per rules of the Association.

If you are interested in working with us, please get in touch by email at Dr. K. D. M. Rao, (mallik2arjun@gmail.com, saiskdmrao@iacs.res.in).

Last date for applying: 31-10-2023

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