

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
Jadavpur, Kolkata - 700032

Adv No: Adv No:PK/SMS/056

Date: 05.09.2022

Research Associate Selection in the School of Materials Science

An online-Interview will be held at the School of Materials Science on **October 28, 2022**, at 11.30 AM for the recruitment of one **Research Associate-I**. Interested candidates with the following qualifications must send their application along with their updated CV to iacs.praveen@gmail.com and msprk@iacs.res.in before October 23, 2022. The short-listed candidate for the interview will be informed by October 26, 2022 for the interview.

Essential Qualifications: Ph.D. degree in Physics/Electronics/ Nanotechnology/Materials from a recognized University or Institute. The candidate should also have hands-on expertise in the synthesis of 2D materials, semiconductor nanostructures and follow-up characterizations for optoelectronic devices (Broadband Photodetectors)

Desirable Expertise: Apart from materials synthesis and device fabrication, a candidate should also have the following hands-on experience:

- Expertise in DSP lock-in amplifier for noise measurement; especially for the case of the photodetector (**noise equivalent power or NEP ratio**)
- Expertise in DSP lock-in amplifier for different electrical component measurements; measurement of complex electrical impedance as a function of test frequency.
- Expertise in Lab view programming; capable of interfacing different instruments through GPIB @ RS-232 cable; able to create different graphical user interfaces for different instruments like DSP lock-in amplifier, Impedance analyzer, DSO etc.

No. of the post: One (1)

Duration: Initial appointment will be done for six months, which is subject to an extension of up to two years based on the candidate's performance review (after every six months) and position availability.

Age limit: 35 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)

The post is purely temporary and it would, therefore, not confer any right/claim implicit or explicit for any attending the interview. **No TA will be admissible for attending the offline interview.**

For the PhD holder, the original or provisional certificate and for the candidate who has submitted the thesis, the relevant document like the acknowledgement 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

Date of Walk-in-Interview: October 28, 2022, at 11.30 AM in online mode. The shortlisted candidates will be informed via given email in their application.

For any queries please contact at iacs.praveen@gmail.com

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