

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

Adv No: AIS/KDMR/011

Date: 12. 02. 2020

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Research-Associate (RA): Field-effect transistors, Resistive memory devices and related Nano-electronic devices (one)

Minimum Qualifications: The position requires (a) a Ph.D. degree in Physics (Experimental Condensed Matter Physics) from a recognized University or Institute. The candidate should have experience in fabrication of Field effect transistor (FETs), resistive memory devices, semiconductor device fabrication and thin film deposition techniques etc, or synthesis of 2D-materials, liquid exfoliation of 2d materials, synthesis of organic/inorganic perovskites. The candidates who has the knowledge and experience in synthesis of 2D-materials, liquid exfoliation of 2D materials, Organic/inorganic perovskite synthesis, will also be considered. (b) minimum average marks of 55% in B.Sc./B.Tech. and M.Sc./M. Tech./M.S. degree.

Desirable qualifications/ Experience: In addition to the minimum qualifications, candidates with experience in XRD, FESEM, PL, TEM characterizations, optical and electrical characterization of thin films, and nano-electronic device fabrication techniques/tools will be highly preferred.

Duration: Initial appointment will be done for six months, which subjected for extension up to one year or more based on the candidate performance review.

Candidates who have submitted their Ph.D. thesis and are awaiting 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 Ph.D 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 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, trckdmr@iacs.res.in).

Last date for applying: ~~16-03-2020 11-06-2020~~ 17-06-2020

REGISTRAR