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Postdoctoral Fellow position in Graphene based membranes

Indian Institute of Technology Gandhinagar (IITGN) invites applications for Postdoctoral Fellow position in graphene intercalation based membranes for a research project funded by Indian Institute of Technology Gandhinagar.

Job Description: The candidate will be required to synthesis graphene membranes with liquid exfoliation method. Prior experience of synthesising graphene oxide is highly desirable. The candidate will also perform ion transport measurement with electrochemical cell. The candidate will also learn water transport measurements, data acquisition with LabView programs and also a chance to learn simulation tool COMSOL. The candidate will work on the cutting edge problems in nanotechnology and beyond. Successful candidates will have a chance to undertake foreign collaboration visits also. The candidate should be highly motivated, academically sound, willing to accept challenges and who is able to work independently.

Eligibility: Candidates must hold a good academic record of accomplishment during their M.Sc/M.Tech. in Material Science/Physics/Chemistry and a PhD degree in any of these subjects from reputed institutes with good scientific publication record. Candidates who have submitted their thesis are equally eligible for the position.

Duration: The appointment is for 1 year

Remuneration: 45,000 to 60,000 INR per month based on experience

Application Procedure: Candidates must send their applications **via e-mail** to Prof. Gopinadhan Kalon (gopinadhan.kalon@iitgn.ac.in). The following documents must be sent as a **single pdf attachment** to the email:

1. Current CV with list of publications
2. A one-page summary of previous research/work experience

3. Name and address of 3 potential referees.

Last date of application: 14th January 2019

Queries may be directed to Prof. Gopinadhan Kalon.