

## Institute Of Physics, Bhubaneswar

### APPLICATIONS INVITED FOR A RESEARCH ASSOCIATE POSITION

Applications are invited for the post of Research associate in a DST-SERB funded project entitled “Role of Ion Irradiation induced Defects on the Morphological and Transport properties of Graphene” under the supervision of Prof. Shikha Varma, Institute of Physics, Bhubaneswar, 751005, India. [For more information please visit Prof. Shikha Varma’s home page: <http://www.iopb.res.in/members/shikha>].

**Essential & Desirable Qualification:** The applicant must have PhD degree (or submitted PhD thesis) in Experimental Physics/ Material Science/Experimental Chemistry/Engineering Physics from a recognized University. It is preferable that the candidate has experience in some of the following areas: Graphene based materials, making of Graphene (SLG, RGO etc.), Transport property measurement, Ion implantation.

**Duration:** Initial appointment of the candidate will be for 6 months, extendable on a biannual basis depending on the performance of the candidate, up to two year or upon termination of the project, whichever occurs earlier.

**Fellowship:** As per IOP and DST-SERB rules (Rs. 36,000/- p.m. HRA as permissible)

**Project Description:** The primary aim of the project is to understand the Role of Ion Irradiation induced Defects on the Morphological and Transport properties of Graphene.

**Nature of Study:** making graphene, introduction of defects, measuring and understanding structural, chemical and transport properties.

Applications with complete bio-data (with details of qualification i.e. examination passed, year, division, percentage of marks from 10th Board onwards, and photocopies of mark sheets/ testimonials/ certificates) along with PhD certificate (or PhD submission certificate) and a brief (1-2 page) write-up of the research work carried out in PhD should be sent by email to [dst-pdf-graphene@iopb.res.in](mailto:dst-pdf-graphene@iopb.res.in). Three recommendation letters should be sent by referees directly by email to [dst-pdf-graphene@iopb.res.in](mailto:dst-pdf-graphene@iopb.res.in) (name of applicant in subject heading).

Last Date of Receipt of complete application and all recommendation letters: **5 June 2017**.

Shortlisted candidates will be intimated by email and called for presentation-interview at the Institute of Physics, Bhubaneswar or by skype. No TA/DA will be provided for coming for presentation and interview.

**General Information about IOP** (<http://www.iopb.res.in>)