

ADVERTISEMENT DETAILS

Applications are invited for one “Project Associate-II” position in project in Anusandhan National Research Foundation (ANRF) funded project in the Dept. of Physical Sciences (DPS), IISER Kolkata, Mohanpur, Nadia, West Bengal 741246. This position is purely temporary and coterminous with the project duration.

Project title: Probing near-field assisted spin-orbit interaction effects for fabricating novel spin-orbit interaction meta-devices.

Principal Investigator (PI): Prof. Nirmalya Ghosh

Name of the Position: Project Associate-II

Number of positions available: 01 (One)

Duration: Initial appointment for 12 (Twelve) months (Based on availability of funds)

Essential qualification: B.E. / B.Tech. in Mechanical Engineering or Bachelors/Master’s degree in sciences in relevant disciplines from a recognised University.

And

At least 02 years’ experience in Research and Development in Industrial or Academic Institutions or Science and Technology organizations and scientific activities or services

Desirable criteria:

- Preference will be given to the candidates having working experience in Quantum sensing and imaging using optical technologies or related projects.
- Experience in working with opto-mechanical components, mechanical design and simulation of various optical systems and their packaging.
- At least one-year working experience in leading industry-academia collaborations in the field of Photonics will be preferable.
- Demonstrated ability to provide administrative and technical support for purchases, tenders, and project documentation will be preferable.

Upper age limit: 35 years (Age relaxation for reserved and other categories will be as per Government of India rules)

Work assignment: Project Associate-II will be responsible for the development of Hybrid Metamaterial based miniaturised Spin-Orbit Photonic Weak Measurement device for Bio-Sensing. He/she will also provide support other responsibilities in this project.

Pay scale: Rs. 28,000/- plus 30% HRA per month (as per rule)

How to apply: Eligible candidates should send a soft copy of their application (Cover letter, detailed CV, work experience, if any, in a single PDF) to nghosh@iiserkol.ac.in

The last date for receipt of the application:

Date of Interview: The shortlisted candidates will be notified in due course.