

## ADVERTISEMENT DETAILS

Applications are invited for one “Project Associate-II” position in 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:** Near-Field Enhanced Hybrid Metamaterial Devices for Spin-Orbit Photonic Weak Measurement Bio-Sensing

**Principal Investigator (PI):** Prof. Nirmalya Ghosh

**Name of the Position:** Project Associate-II

**Number of positions available:** 01 (One)

**Duration:** Initial appointment for 6 (Six) 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:** 50 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. 33,000/- 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](mailto:nghosh@iiserkol.ac.in)

**The last date for receipt of the application:**

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