

Applications for Postdoctoral Position(s)

Applications are invited from all the eligible candidates for the position of Postdoctoral Fellow in the “*Energy and Environment Laboratory*” at Institute of Physics, Bhubaneswar.

Essential and Desirable Qualification:

Applicant must have obtained Ph.D. degree in Physics / Chemistry / Materials Science with focus in Nanotechnology related research with a good track record of publications in peer-reviewed journals. Prior knowledge and experience over the nanocrystal growth and characterization techniques are highly desirable. Fundamental understanding of the optoelectronic properties of quantum sized nanomaterials will be preferred.

Roles and Responsibilities:

1. Development of novel nanostructures with rigorous structural, optical and electrical characterization.
2. Demonstrating the functionality of the nanostructures in the form of a device towards targeted applications such as gas sensing, photo detection, catalytic activities etc. leading to energy and environment solutions.

Fellowship: As per rules of the Institute.

Duration: Initial appointment of the candidate will be for one year, extendable for the second year depending on the performance of the candidate.

Accommodation: Accommodation will be provided inside the IOP campus subject to the availability. Else, HRA will be granted at the applicable rate.

How to apply: Applications with complete CV comprising of academic achievements, research interest, list of publications, expertise on the desired topics aforementioned and any other necessary information should be sent by email to sachin@iopb.res.in on or before 30/11/2022.