

Advertisement for a Postdoctoral position in Experimental Condensed Matter Physics

Applications are invited for a postdoctoral position in experimental condensed matter physics to work in the broad area of optoelectronic properties of semiconducting thin films at Institute of Physics, Bhubaneswar.

Eligibility: Candidates should have a Ph.D. degree in Condensed Matter Physics. Those who have submitted their thesis are also eligible to apply. Shortlisted candidates will be asked to present a seminar and arrange letters of recommendation before final selection is made.

Expertise: Candidates should have experience in thin film fabrication by physical vapor deposition (Pulsed Laser Deposition/sputter deposition), thin film XRD, photovoltaics, and electrical transport measurements. Besides, they should have a sound understanding of the fundamentals of the electronic structure of solids, ion-matter interaction, defect engineering, optical properties of materials, and electronic transport in materials.

Number of positions: One

Fellowship: Fellowship will be as per the Institute norm.

Tenure: The position is initially for one year and subject to extension for another year, depending on the availability of funds and the candidate's satisfactory performance.

Application procedure: Interested candidates are required to send their applications with a Cover Letter expressing their research interest, Research Statement (Max. 2 pages), and a CV comprising publications, research expertise along with educational details (M.Sc. and B.Sc.) to: tsom@iopb.res.in.

The last date for application is August 31, 2023.