

Faculty Position at Institute of Physics (IOP), Bhubaneswar, India.

1. Institute of Physics (IoP), Bhubaneswar, India is an autonomous research institution within the Department of Atomic Energy, Government of India. The Institute was established in 1972 by Government of Odisha and subsequently taken over by the Department of Atomic Energy, Govt. of India. The Institute has a vibrant research programme in the fields of theoretical and experimental condensed matter physics, theoretical high energy physics and string theory, theoretical nuclear physics, ultra-relativistic heavy-ion collisions and cosmology, quantum information and experimental high energy physics.

2. The Institute has a large number of experimental facilities including a low energy Particle Accelerator. The accelerator facilities include a 3MV Pelletron accelerator and a low-energy implanter. These are being used for studies in low energy nuclear physics, ion beam interactions, surface modification and analysis, trace elemental analysis, materials characterization and radiocarbon dating studies. One of the important areas in the Institute is in the field of Nanoscience and Nanotechnology in general and surface and interface studies in particular. The Institute has several advanced facilities for sample preparation and for the study of various physical and chemical properties of nanostructures and bulk condensed matter systems. The Institute is actively involved in the international collaboration at CERN (Switzerland), BNL (USA), GSI (Germany) and other laboratories abroad.

As an autonomous research Institute of the Department of Atomic Energy, Government of India, IoP offers excellent opportunity in career growth, research facilities and on campus housing.

Institute of Physics invites applications from suitable candidates for the faculty position in the Institute in the following area:

(a) **Experimental High Energy Physics:**

Preferably in the area of high energy collider based experiments. Candidate should have interest to participate in the CMS experiment at CERN-LHC and in particular, Physics of Proton-Proton Collisions at LHC.

3. **Positions available:** One position in the rank of Assistant Professor(E).

Sl.No.	Position	Level in the (7 th Pay
1	Assistant Professor(E)	Level - 12

In addition to above, He/She will also be eligible for other allowances as per Central Government rules as applicable to the Institute.

4 **Qualification, Experience and Age**

To be considered for appointment at this grade, a person should have at least two years of post-doctoral experience. He should have good quality publications in refereed journals and his work should show his ability to carry out independent research. The candidate is required to provide names of three referees who will be able to assess his/her work. In addition, the Institute will seek letters of reference from at least two independent referees, for those candidates who are shortlisted after screening. It is expected that the candidate is below the age of 35 years when appointed to this grade. Suitable number of increments (maximum up to 4) may be granted depending upon the amount of post-

doctoral experience and based on the evaluation of the quality of research output by the Selection Committee.

5. **Applications**

Interested Indian nationals with appropriate background and capabilities and strong aptitude for independent research may e-mail their application (in pdf format) to: **director@iopb.res.in**,

There is no prescribed format for application but it should contain a covering letter, a detailed CV with educational and research background, full list of publications, statement of purpose for research and names and addresses of at least three referees, who can certify about the candidate's credentials and their achievements confidentially.

6. We strongly encourage you to visit and spend time with us as part of your application process. (While we cannot cover the costs of international air travel, we may be able to contribute to your travel within India to visit the Institute). During your visit, we will arrange a seminar, as well as individual meetings with several Institute members, in particular those whose interests overlap maximally with yours. To arrange such a visit, you may write or e-mail to the Director, IoP.

7. **Application Deadline:** The application should reach on or before 31st July 2020. Appointments will be made only when suitable candidates are found depending on requirement.

Applications and correspondence should be addressed to:

The Director,
Institute of Physics,
P.O. Sainik School,
Bhubaneswar-751005,
Odisha, India.

For any further queries, candidates are free to contact Director, Institute of Physics, Bhubaneswar in the e-mail address: **director@iopb.res.in**