

Postdoctoral/Research Associate Positions in High Energy Physics Theory/Phenomenology Group at the Institute of Physics, Bhubaneswar

The Institute of Physics (IOP) in Bhubaneswar, India invites applications for multiple postdoctoral/research associate positions within the High Energy Physics (HEP) theory/phenomenology group. Candidates are expected to have expertise in one or more of the following fields: particle physics, astroparticle physics, and cosmology, encompassing all aspects of high-energy particle, astroparticle, and particle cosmology research. Particular areas of interest include dark matter, baryogenesis, inflation, dark energy, and gravitational waves in astroparticle physics and cosmology, as well as the Standard Model and physics beyond the Standard Model including neutrino physics, Higgs physics, QCD, collider physics, and related phenomenology. The positions are available under the DAE project “Research and development on cutting-edge topics in theoretical and experimental physics” at IOP (UID: NO. RIO 4004).

Eligibility:

Candidates who have submitted their Ph.D. thesis or have finished their Ph.D. in the area theoretical High Energy Physics may apply. Selected candidates must submit their Ph.D. degree/provisional Ph.D. degree certificate before joining.

Tenure of Fellowship:

The initial appointment will be for one year. Extension for the second year is subject to an evaluation after one year as per the rules of the Institute. The tenure can further be extended for the 3rd year depending upon the availability of funds and performance.

The fellowship will be provided as per the existing guidelines issued by IOP, Bhubaneswar, in accordance with the Department of Atomic Energy norms: **Rs. 58,000/- per month** immediately after Ph.D., **Rs. 61,000/-** with one year of postdoctoral experience, and **Rs. 67,000/-** with two or more years of postdoctoral experience, along with an **annual contingency grant** of **Rs. 60,000/-**. Campus accommodation will be provided subject to the availability. Candidates residing outside the campus will be eligible for House Rent Allowance (HRA) at the applicable rate, as per the Institute rules.

Deadline of application:

October 31st, 2026.

How to Apply:

Interested candidates should send their CV, publication list, and a research statement (not more than two pages), along with a cover letter to heppdf@iopb.res.in. The applicants should arrange at least two letters of recommendation, which should be sent to the above email ID within the given deadline. Apart from highlighting research expertise and research experience, the CV must contain the following additional information: status of the Ph.D. degree (awaited/obtained/thesis submitted).

Recommendation letters to be sent to: heppdf@iopb.res.in within October 31st, 2026.

The shortlisted candidates will be invited for an interview/presentation of their work.

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Contact email: heppdf@iopb.res.in