

Postdoctoral/Research Associate Positions in Nuclear Physics Theory at the Institute of Physics, Bhubaneswar

The Institute of Physics (IOP), Bhubaneswar, India, invites applications for Postdoctoral/Research Associate position(s) in the Nuclear Physics Theory (NPT) Group. Candidates are expected to have expertise in one or more of the following research areas: **Nuclear Astrophysics** (Compact Stars; Dense Nuclear Matter; Exotic Particles & Dark Matter) and **Computational Nuclear Physics** (Computational Modelling for Nuclear Structure; Uncertainty Quantification; Machine Learning Applications). The positions are supported under the Department of Atomic Energy (DAE) Project, entitled “Research and Development on Cutting-Edge Topics in Theoretical and Experimental Physics” (UID No. RIO 4004).

Eligibility: Candidates who have submitted their Ph.D. thesis, or have finished their Ph.D. may apply. Selected applicant must submit their Ph.D. degree/provisional certificate at the time of joining.

Tenure of Fellowship: The appointment will initially be offered for one year, with the possibility of extension for an additional one year, subject to a performance evaluation after completion of the first year and in accordance with the rules of the Institute. The tenure may be further extended to a third year, depending on the availability of funds and the candidate's performance.

The fellowship will be provided as per the prevailing guidelines of the Institute of Physics (IOP), Bhubaneswar, in accordance with the norms of the Department of Atomic Energy (DAE), as follows: **Rs. 58,000** per month for candidates immediately after Ph.D., **Rs. 61,000** per month after one year of postdoctoral experience, and **Rs. 67,000** per month after two years of postdoctoral experience. In addition, an annual contingency grant of **Rs. 60,000** will be provided. Institute accommodation may be provided subject to availability. Candidates staying outside the campus will be eligible for House Rent Allowance (HRA) at the permissible 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 three pages), along with a cover letter to npt_iopb@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/submitted).

Recommendation letters to be sent to: npt_iopb@iopb.res.in on/before October 31st, 2026.

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

Contact email: npt_iopb@iopb.res.in