

INO Graduate Training Programme

Sequence of events from selection of INO PhD students to getting PhD degree

1. Advertisement in major newspapers, INO website
2. National level written test for students satisfying minimum norms (usually conducted at 3-4 centers or using existing written tests such as TIFR)
3. Interview of shortlisted students based on defined criteria by faculty from HBNI constituent institutions, TIFR, IIT(M), IIT(B) and Universities
4. Registration of students in HBNI (application form + Rs 5,000 demand draft) through BARC
5. Monitoring Committee for PhD students
6. To clear 1 year course average of 60% (overall) but minimum of 50% in all subjects. Else one more chance to redo failed course.
7. At the end of course work, PhD problem, guide from HBNI constituent institution or those with which HBNI has an MoU viz. TIFR, IIT(B), IIT(M) and Doctoral Committee to be put up to Standing Committee for Physical and Mathematical Sciences (SCPMS), BARC for approval (includes presentation by student). Part B form to be filled and given to Dean- Academic, Physical and Mathematical Sciences, BARC-HBNI for forwarding to Dean, HBNI and Director, HBNI. Document of approval of Doc. Comm. to be sought from HBNI.
8. Oral Comprehensive Exam (to test student in areas of Physics other than the one chosen for PhD) to be conducted by Doc. Comm., preferably soon after course work.
9. Presentation by student to Doc. Comm. once a year. Report of Doc. Comm. (signed by members) to be kept by PhD guide who is also the Convener of Doc. Comm
10. Minimum period between starting to work on PhD problem (and formation of Doc. Comm.) and submission of synopsis is 2 years. Maximum, including course work, is 5 years. Additional period (max. 1 year) requires approval of Doctoral Committee, with adequate reasons, and Director, HBNI. Further extension, if needed, requires the approval of concerned Board of Studies (Physical Sciences) citing valid reasons. However, as per the UGC notification no fellowship is payable beyond 5 years even in case of SC/ST students
11. It is expected that there should be at least 2 publications in international refereed journals (at least accepted for publ.) at the time of submission of synopsis. The synopsis submission is on the basis of a presentation by the student to the Doc. Comm. The recommendation of the Doc. Comm., along with supporting documents (marks sheet of courses taken, report of Oral Comprehensive exam, all Doc. Comm. reports, synopsis including list of publications, list of 6 referees) is sent to the Dean-Academic who in turn seeks the approval of the Board of Studies (Physical Sciences).
12. Once approved, the thesis can be submitted within 2 months to Dean-Academic who contacts the first 2 of the shortlisted 4 referees (by BoS, and in the sequence approved by Director, HBNI).
13. The requested period of obtaining the two referee reports is 6 weeks. If positive a viva voce exam is arranged by the guide in consultation with Dean-Academic. The external examiner for viva will be the one higher up in priority as decided by Director, HBNI and the viva can be conducted under intimation to Dean, HBNI with the associated details viz. date, external examiner, venue, time etc. No formal approval is required. The final presentation is made by the student before the Doc. Comm. And the external examiner and can be thrown open to other faculty and members of the institute. The viva voce report recommending the student for award of the PhD degree is then sent by the Dean-Academic to the Dean, HBNI. If required for purposes of getting a PDF an Interim PhD certificate may be requested of HBNI