



**SATYENDRA NATH BOSE NATIONAL
CENTRE FOR BASIC SCIENCES
BLOCK JD, SECTOR III, SALT LAKE, KOLKATA – 700 098**

Admission 2015

Integrated Ph.D. Programme in Physical Sciences

(In Collaboration with the University of Calcutta)

The S. N. Bose National Centre for Basic Sciences invites students with consistently excellent academic record (First Division/Class) to apply for admission into the Post B.Sc Integrated Ph.D Programme in Physical Sciences 2015. The students who apply are expected to be motivated to make a career in Research. The programme is fully residential and the students are offered on-campus accommodation and boarding facilities. The Centre charges no fee for the programmes. The programme is done in collaboration with the University of Calcutta.

The Centre is a premier autonomous research institute under the Department of Science and Technology, Government of India. In addition, the Centre receives extramural funding from various funding agencies of India and abroad for its different research programmes. The Centre has extensive collaborative programmes with other premier institutions in India and abroad through bi-lateral exchanges in which the PhD research scholars take active part. The Centre is fully equipped with the state-of-the art infrastructure (experimental and computational) including a digital library for advanced research in chosen areas of Physical, Chemical, Mathematical and Biological Sciences. For research profiles of the members of the Faculty and for the facilities available, please visit the URL: www.bose.res.in.

At present the Centre has nearly 160 students in its Post M.Sc PhD programme and Post B.Sc Integrated PhD (IPhD) programme. The Alumni of the Centre have gone on to work in academic and research sectors in India and abroad. The Centre offers an excellent atmosphere for academic development of students.

The students in the programme have to undertake a prescribed course work for M.Sc and have to abide by the basic rules and regulations. The students who successfully complete these courses receive an M.Sc Degree from the University of Calcutta. For continuation in the Integrated Ph.D Programme and the fellowship, a minimum scholastic standard and research output have to be maintained. The students after a proper screening process will register for PhD degree with the University of Calcutta. The details of the admission are furnished below:

1. **Basic qualification:** First Class/Division i.e., minimum 60% in aggregate (55% for SC/ST/OBC candidates) in B.Sc with Physics and Mathematics.

2. **Further Qualifications required in addition to (1):**

- **JEST(2015)** – Upto rank 356
or
- **NGPE(2015)** – Top 25 Rank

3. **Date of Interview:** 15-16 June 2015.

4. **Age Limit:** None. However, the last qualifying University examination (B.Sc.) should have been taken not earlier than 2013.

5. **Monthly Stipend:** Rs 12,000 during the first two years. The successful completion of the Course Work will lead to an M.Sc Degree by the University of Calcutta, and thereafter, upon meeting the eligibility criteria, the students will be inducted as JRF. They will get stipend at par with Centre's JRF if admitted to the JRF programme.** **The programme is strictly residential – all students will be provided on campus accommodation.**

6. **On-line Application:** Starts on 13th April, 2015 Closes on 13th May, 2015.

** However, students with NGPE qualification have to qualify in one of the following examinations, viz., CSIR-NET/UGC-NET or JEST or GATE in order to become eligible for JRF fellowship as per DST guidelines.

Only online applications will be accepted. Please log on to **<http://www.bose.res.in>** for further details. In matters of admission, the decision of the Director of the Centre is final and binding.

For any academic/official query, please write to: **admission@bose.res.in**

For any technical query, please write to: **admission-help@bose.res.in**

DEAN (ACADEMIC PROGRAMME)
13th APRIL 2015