



**S.N.BOSE NATIONAL CENTRE FOR BASIC SCIENCES
BLOCK-JD, SECTOR-III, SALT LAKE CITY, KOLKATA-700106**

Admission 2016

Integrated Ph.D Programme in Physical Sciences

(In Collaboration with 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 Integrated Ph.D Programme in Physical Sciences for the year 2016. 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 accommodations and boarding facilities. The Centre charges no fee for the programme. The programme is conducted in collaboration with 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, Biological and Mathematical Sciences. The research programme in biological sciences focuses on the areas of overlap with chemical and biophysical problems. 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 PhD and Integrated PhD (IPhD) programmes. 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 Qualification required in addition to (1):**
JEST: All qualified candidates
OR
NGPE: Top 25 Rank
3. **Date of Interview:** 30th – 31st May 2016
4. **Age Limit:** None. However, the last qualifying University examination (B.Sc.) should have been taken not earlier than 2014.
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. **Online Application:** Starts on 01st April. 2016 and Closes on 07th May 2016.

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)
21st MARCH 2016