



# SATYENDRA NATH BOSE NATIONAL CENTRE FOR BASIC SCIENCES

Block – JD, Sector – III, Salt Lake, Kolkata – 700106

No. SNB/AP-5-515/A- 18

Date: April 21<sup>st</sup>, 2023

## Detailed Advertisement for **Admission into the Integrated Ph.D. Programmes in Physical Sciences** *(in collaboration with University of Calcutta)* **Academic Year: 2023-2024**

The **S. N. Bose National Centre for Basic Sciences (SNBNCBS)** invites applications with consistently good academic record (First Division/Class) to apply for Admission into the Integrated Ph.D. Programme in Physical Sciences for the academic year 2023-2024. The programme is done in collaboration with the **University of Calcutta**.

- ✓ The applicants 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 students in the Integrated PhD programme have to undertake a prescribed course work for M.Sc.
- ✓ The students, who successfully complete these courses, receive an M.Sc. Degree in Physical Sciences 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 Ph.D. degree with the University.

The details of the Admission Programme are furnished below:

### [A] Admission Criteria

Integrated Ph.D. Programme	
<b>Basic qualification:</b>  B.Sc. either in <b>Physics</b> Honours or combination of <b>Physics</b> and <b>Mathematics</b> with First Class / Division i.e. <u>minimum 60%</u> marks.  (55% for SC/ST/OBC (non creamy layer) / EWS / PWD candidates)  ( <b>Physics</b> cannot be an allied / subsidiary / minor subject in B.Sc.)	<b>Further Qualifications:</b>  JEST 2023 : All qualified candidates (with valid JEST score card)  <b>OR</b>  NGPE 2023: All India Top 25 Rank  [NGPE qualified students should clear one National Level Test (CSIR-UGC-NET- JRF/JEST/GATE) within 2 years of M.Sc. duration. This is mandatory for their up- gradation into the PhD Programme ]

**[B] Date of Interview for Integrated PhD:** 12<sup>th</sup> and 13<sup>th</sup> June, 2023

**[C] Age Limit:**

None. However, the last qualifying University examination (Bachelor in Science) should have been taken not earlier than 2022.

**[D] Monthly Stipend:**

Currently 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 Junior Research Fellow. They will get Stipend at par with Centre's JRF if upgraded to the PhD. programme. The programme is strictly residential – all students will be provided on campus accommodation.

**[E] Tuition Fee:**

Currently Rs. 12,000/- each year is payable in two equal instalments at the beginning of the Autumn and Spring Semester.

**[F] Application Fee:**

There is a non refundable application fee of Rs. 500/- for General category candidates & Rs. 250/- for reserved categories (including Women).The fee to be paid through NEFT / RTGS / UPI Mode only. The account details are as follows:

Name of Account Holder	: S. N. Bose National Centre for Basic Sciences
Account Number	: 08930200000220
Bank Name and Branch	: Indian Overseas Bank, Salt Lake City Branch
Account Type	: Current Account
IFSC Code	: IOBA0000893

**[G] Application Portal:**

- Online Application Portal Starts on : 22/4/2023
- Online Application Portal Closes on : 21/5/2023

**[H] General Information:**

- Only online applications will be accepted. Please log on to <http://www.bose.res.in> or <http://newweb.bose.res.in/AcademicProgrammes/Admission.jsp> for further details.
- In matters of admission, the decision of the Director of the Centre is final and binding
- For any issue or technical query related to online application portal, please write to: [admission-help@bose.res.in](mailto:admission-help@bose.res.in)
- For any academic/official query, please write to: [admission@bose.res.in](mailto:admission@bose.res.in) .

Sd/-  
**DEAN (ACADEMIC PROGRAMME)**

### **About The Centre:**

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. Students joining the centre get contingency grants to meet research contingency expenses that include expenses for attending conferences and training programmes in India. The students also get generous support to attend International Conferences outside India. 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.

For research profiles of the members of the Faculty and for the facilities available, for more details please visit <http://www.bose.res.in>