



## Bose Institute, Kolkata Admission to Ph.D. programme

Bose Institute was set up in 1917 by Sir J. C. Bose, the father of modern science in the Indian subcontinent. It is Asia's first research centre devoted to interdisciplinary research and bears a century-old tradition of research excellence.

Bose Institute has an established Ph.D. programme in the research domains of Atmospheric Sciences, Applied Biosciences, Chemical Sciences, Life Sciences and Physical Sciences. Many of our alumni have become reputed experts in their chosen fields of research. The institute is a national pioneer in research on astroparticle physics and cosmic rays, foundations of quantum physics and interdisciplinary physics. Path-breaking research in the fields of plant sciences, structural biology, molecular biology, biomedical sciences and biotechnology has been conducted at the Institute.

### Doctoral Research Opportunities

Bose Institute desires to admit Ph.D. fellows, via the common admission process, to its PhD programme for the **Autumn 2021** session. Selected candidates will pursue doctoral research in any one of the broad research areas given below. Further details are available on the Institute website (<http://www.jcbose.ac.in/vacant-positions> )

**Broad areas of research :** Atmospheric Sciences, Applied Biosciences, Chemical Sciences, Life Sciences, and Physical Sciences.

Being a century-old multidisciplinary research organization, Bose Institute provides an opportunity to highly-motivated and research-oriented students with masters degree in subjects such as, *Atmospheric Sciences, Botany, Biochemistry, Biophysics, Biotechnology, Chemical Sciences, Computer Sciences, Engineering, Environmental Sciences, Life Sciences, Mathematics, Microbiology, Physical Sciences, Statistics, and Zoology.*

For further details see [http://www.jcbose.ac.in/uploads/ADVT/21/p\\_3.pdf](http://www.jcbose.ac.in/uploads/ADVT/21/p_3.pdf)

### **Important dates:**

- ✓ Last Date for online Registration: **18:00 hrs. November 30, 2021**
- ✓ Date of display of short-listed candidates and instructions on the Institute website: **December 10, 2021**
- ✓ Tentative date of online interview: **3<sup>rd</sup> week of December, 2021**. The final dates of interview will be intimated when the list of short-listed candidates is displayed on the Bose Institute website.

### **Eligibility Criteria**

Candidates should have a valid award of JRF (CSIR-UGC-JRF/ DBT-JRF/ ICMR-JRF/ DST-INSPIRE/ DBT-BINC or equivalent).  
Master's degree in Engineering/ Science/ Technology in any branch of Science or Engineering.  
(Students in final year can also apply upon satisfying necessary criteria)

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