



Satyendra Nath Bose National Centre for Basic Sciences

Satyendra Nath Bose National Centre for Basic Sciences is an Autonomous Research Institute established under Department of Science and Technology, Govt. of India in 1986 to honour the life and work of Professor Satyendra Nath Bose, key figure in the development of modern Quantum Mechanics and Quantum Statistics.

A relatively young Institution (~38 years) for research and development in Basic Sciences, specifically in the area of physical, chemical sciences and related disciplines.

The Centre, while focusing on basic research, has also made a new move to contribute in application driven basic research.

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bose.res.in

Scan the QR code to visit the Admission web page



Admission Programme 2024

DEPARTMENTS



Astrophysics and High Energy Physics

Theoretical, observational and experimental research on Astrophysics, Cosmology, High Energy Physics, and Quantum Information.



Chemical and Biological Sciences

Kinetics, structure and dynamics of biologically important molecules and properties of artificial macromolecules.



Condensed Matter and Materials Physics

Behaviour of materials at various length scales as a function of various parameters.



Physics of Complex Systems

Bio-molecular and active matter, mass aggregation, frustrated magnets, topological phases, entanglement, superposition principle, nonlocality, mesoscopic system.

PROGRAMMES OFFERED

PhD in Physical, Chemical and Biological Sciences

Eligibility Criteria Masters in the subjects Physics / Applied Mathematics / Chemistry / Biophysics / Biochemistry / Bioinformatics / Applied Optics / Photonics / Applied Physics / Electronics / Engineering Physics / Electronics / Nanotechnology / Material Sciences with First Class / Division i.e., minimum 60% (55% for SC / ST / OBC (non-creamy layer) / EWS / Differently-abled candidates).

Intake Procedure Candidates having minimum eligibility and valid (#) JEST / GATE rank/score or CSIR/UGC NET-JRF / INSPIRE award letter will be eligible to directly apply through the admission portal.

Fellowship As per norms of the funding agency

Candidates with guaranteed external funding such as valid CSIR-JRF/UGC-JRF/DBT-JRF etc. can gain admission by a separate interview process as well. Interested students should contact the prospective supervisor(s).

Integrated PhD in Physical Sciences

Eligibility Criteria First Class/Division i.e., minimum 60% in aggregate (55% for SC / ST / OBC candidates) in B.Sc. with Physics and Mathematics (or as per timely declaration).

Intake Procedure Candidates having minimum eligibility and valid (#) JEST / NGPE rank/score will be eligible to directly apply through the admission portal.

Fellowship Currently Rs. 12000/- per month (to be revised)

(# please see the detailed advertisement for the cut-off rank/score/percentile for the current year)

APPLICATION PROCEDURE

Please follow our website (bose.res.in) for the further notification for admission. The admission portal is likely to be activated immediately after the publication of JEST examination result.

In case of any queries regarding admission, please write to admission@bose.res.in