



# University of Calcutta and Bose Institute Announcement

## Integrated M.Sc.-Ph.D. Program in Physical Sciences 2019-20

Website: [www.jcbose.ac.in/integrated-phd-physical-sciences](http://www.jcbose.ac.in/integrated-phd-physical-sciences)

**ADVT. NO.: BI/M.Sc./01/PS/2019-20**

### **About the program :**

An Integrated M.Sc.-Ph.D. Program (duration 2+4 years) has been introduced at Bose Institute in collaboration with the University of Calcutta. The program has been designed to train students to develop their analytical abilities, critical thinking and effective communication skills and orient the students towards research.

### **Areas of specialization :**

- Nuclear and Particle Physics
- Condensed Matter Physics and Material Science
- Statistical Physics and Complex Systems
- Quantum Computation and Information
- Atmospheric Science, Fluid Mechanics and Solar Physics

### **Qualifications :**

Essential qualifications for admission to the Integrated M.Sc.-Ph.D. Program (2019-20) are:

- (i) Qualified in JEST 2019 for M.Sc./Integrated Ph.D.
- (ii) 60% (55% for SC/ST/OBC/women) and above in undergraduate examination.

### **Dates :**

- (i) Last date for on-line application submission is May 03, 2019, before 18:00 hrs.
- (ii) List of candidates called for interview will be put online on May 08, 2019.
- (iii) Interview dates are May 28-29, 2019.
- (iv) List of candidates called for admission will be put online on May 31, 2019.
- (v) The date of admission will be notified later.
- (iv) The session is scheduled to start from August 1, 2019.

**Selection :**

1. Not more than ten (10) students will be admitted on the basis of academic record and performance in interview.
2. Candidates whose final results of the examination are awaited may still apply on the basis of the results of their last examination. However, their admission will be subject to securing qualifying marks in the final undergraduate examination.
3. Reservation of seats for candidates belonging to SC/ST and Other Backward Classes (OBC) shall be in accordance with the reservation policy of the Government of India.
4. Canvassing or bringing influence in any form will disqualify the candidature.
5. The Institute Authority reserves the right to reject any/all applications without assigning any reason whatsoever.

**Application Procedure :**

1. Candidates need to [apply online](#) before 18.00 hrs. IST on May 03, 2019.
2. There is a non-refundable application fee of Rs. 1000/- for general candidates and Rs. 500/- for reserved categories (including women). The account details are as follows:

Name of Account Holder: Bose Institute, Kolkata  
Account Number: 11152797736  
Bank Name and Branch: SBI, Manicktolla Branch, Kolkata 700009  
Account Type: SB GEN  
IFSC Code: SBIN0001715

3. Details of the application fee are to be inserted in the application form as follows:

Payer Bank Name:  
Payer Account No.  
Amount Transferred:  
Date of Transfer  
Reference No./ Transaction Id.

4. Copies of Certificates/Testimonials are not needed at the time of application.

**Interview :**

1. The names of candidates called for interview will be posted on May 08, 2019 in the website. The interviews will take place on May 28 and 29, 2019 at Bose Institute, EN 80, Sector 5, Bidhan Nagar, Kolkata 700091.
2. Copies of Certificates/Testimonials are to be submitted at the time of the interview. All the original certificates and testimonials should be produced for verification at the time of the interview.
3. No TA/DA, accommodation or support will be available for attending the interview.

**Admission :**

1. The names of candidates called for admission will be posted on May 31, 2019 in the website.
2. A security deposit has to be made at the time of admission. This amount will only be refunded at the end of 4th semester.
3. Students leaving the programs before completion of two years have to refund the entire scholarship money received. Each student has to sign a bond in this regard.

**Rules and Regulations :**

1. The students admitted in the program shall abide by the Rules and Regulations of Bose Institute and University of Calcutta as prescribed from time to time.
2. On successful completion of 2-years of M.Sc. course, students may be admitted to the Ph.D. program under the supervision of faculty members of Bose Institute upon fulfilling the eligibility criteria set by the Board of Studies for the Ph.D. program following the guideline of University Grants Commission, Government of India.
3. Students failing to fulfill the eligibility criteria for Ph.D. program after successfully completing the M.Sc. curriculum will receive M.Sc. degree in Physical Science.
4. M.Sc. degree certificates will be given under the joint signatures of Director, Bose Institute and Vice-Chancellor, Calcutta University.

**Fellowship :**

During the first two years (M.Sc.) all students will be offered a fellowship of Rs. 12000/- per month. Beyond the first semester the fellowship will continue provided that the student secures a minimum of 60% marks in aggregate and pass with 40% marks in each individual module of the previous semester. At least 75% attendance of the classes is mandatory in each semester.

Fellowship during the Ph.D. period will be according to the rules and regulations of the Department of Science and Technology, Government of India.

**Contact:**

**Dean, Student Affairs,  
Bose Institute  
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Email : [dean\\_office@jcbose.ac.in](mailto:dean_office@jcbose.ac.in)**