



**NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH  
BHUBANESWAR**

**Advt. No: NISER/ACAD/Integrated MSc - Ph.D /2023-24**

**Date: 10<sup>th</sup> April, 2023**

**Notice for Admission to Integrated MSc - Ph.D Program: 2023-24**

Online applications are invited from Indian citizens for admission to Integrated MSc-Ph.D program scheduled to commence from August, 2023 in the following schools of NISER, Bhubaneswar.

- 1. School of Biological Sciences (SBS)**
- 2. School of Chemical Sciences (SCS)**
- 3. School of Mathematical Sciences (SMS)**
- 4. School of Physical Sciences (SPS)**

**1. Eligibility #**

<b>Biological Sciences</b>	A bachelor's degree in any branch of Biology/Life Sciences or any equivalent professional degree such as B.Pharm / B.V.Sc / B.Sc (Ag) / M.B.B.S / B.E. / B.Tech., from a university recognized by UGC with minimum 60% marks aggregate or 6.0 CGPA.
<b>Chemical Sciences</b>	A bachelor's degree in Chemical Sciences or an equivalent degree with Chemistry as one of the main subjects from a University recognised by UGC with minimum 60% marks aggregate or 6.0 CGPA.
<b>Mathematical Sciences</b>	A bachelor's degree or an equivalent degree from a University recognized by UGC with minimum 55% marks in aggregate or its equivalent GPA.
<b>Physical Sciences</b>	A bachelor's degree in Physical Sciences or an equivalent degree with Physics as one of the major subjects or B.E/B.Tech from a University recognized by UGC with minimum 60% marks in aggregate or its equivalent GPA.

# Candidates who are appearing in their Final Examination for Bachelor's Degree can also apply, provided they submit an undertaking that they will submit the Qualifying degree certificates by the time of the Interview.

## 2. Requirement of Qualifying in National Level Examinations for pursuing Integrated MSc - Ph.D program

**School of Biological Sciences** - The candidate has to qualify in any one of the following national-level examinations: JAM 2023/GATE/CSIR-UGC NET JRF or equivalent. The shortlisting of candidates for test/interview will be based on marks/rank/score obtained in the national-level qualifying examination.

**School of Chemical Sciences** - The candidate has to qualify in the JAM 2023 examination. The shortlisting of candidates for test/interview will be based on JAM 2023 mark.

**School of Mathematical Sciences** – The candidates have to qualify in one of the following examinations: JAM 2023, NBHM M.Sc/Ph.D. Scholarship written examination (a copy of the call letter from NBHM to appear for Interview has to be produced).

**School of Physical Sciences** – The candidate has to qualify in the JAM 2023/JEST 2023 examination. The shortlisting of candidates for test/interview will be based on JAM 2023 / JEST 2023 mark.

## 3. **Major Research Areas**

### **School of Physical Sciences**

For information on the areas of research and faculty profiles visit the School of Physical Sciences, NISER website (<https://www.niser.ac.in/sps/page/research>).

### **School of Biological Sciences**

For information on the areas of research and faculty profiles visit the School of Biological Sciences, NISER website (<https://www.niser.ac.in/sbs/page/faculty-and-area-research>).

### **School of Chemical Sciences**

For information on the areas of research and faculty profiles visit the School of Chemical Sciences, NISER website (<https://www.niser.ac.in/scs/content/faculty>).

### **School of Mathematical Sciences**

For information on the areas of research and faculty profiles visit the School of Mathematical Sciences, NISER website (<https://www.niser.ac.in/sms/professors>).

## 4. **Selection Procedure**

- The selection committee of the respective schools will short-list the candidates among those who meet the above mentioned eligibility criteria.
- The short-listed candidates will be called for a test followed by an interview. Based on the academic record and the performance of the candidates in the

selection process, the selection committee of the school will recommend candidates to the Chairman, Academic Council for admission to the Integrated MSc-Ph.D. program.

- All candidates called for the Test / Interview will be paid to and fro single, second-sleeper class railway fare by the shortest route from their place of residence to the Institute. They have to produce evidence (railway ticket) along with a copy of their call letter and bank details in support of their claim.
- Candidates with GPA in qualifying degree may need to produce the conversion note (in case it is not mentioned in their mark sheet) from their institution towards calculation of percentage.

## 5. How to Apply

- The application form has to be filled up online at <http://www.niser.ac.in> and candidates should follow stepwise instructions mentioned to complete the application submission process. At the time of application, along with this online form, the candidate should upload soft copy of the supporting documents as per the eligibility criteria.

## 6. Important dates

- Online application portal will be activated on - 10<sup>th</sup> April, 2023
- Last date for filling up online application - 30<sup>th</sup> April, 2023
- Short-listed candidates list will be uploaded on NISER website - 5<sup>th</sup> – 16<sup>th</sup> May, 2023

## School of Mathematical Sciences (for students qualified in NBHM MSc/PhD written test 2023 ONLY)

- Online Application portal will re-open on - 20<sup>th</sup> May, 2023
- Last date for filling up online application - 28<sup>th</sup> May, 2023
- Short-listed candidates list will be uploaded on NISER website - 31<sup>st</sup> May, 2023

### Tentative dates for test/interview will be as follows

1. School of Biological Sciences : 25<sup>th</sup> -26<sup>th</sup> May, 2023
  2. School of Chemical Sciences : 22<sup>nd</sup> – 24<sup>th</sup> June 2023
  3. School of Mathematical Sciences (Phase 1) : 14<sup>th</sup> – 16<sup>th</sup> June, 2023.  
School of Mathematical Sciences (Phase 2) : 10<sup>th</sup> -12<sup>th</sup> July, 2023  
(Phase 2 - for NBHM candidates only)
  4. School of Physical Sciences : 1<sup>st</sup> -2<sup>nd</sup> June, 2023
- Each school will send the call letters to the candidates separately. Kindly refer to the website for the announcement of the selected candidates.
  - The registration is scheduled to be held in July, 2023. The exact date will be intimated in due course of time.

- If you have any further query, kindly send an email to cpsbs@niser.ac.in, cpscs@niser.ac.in, cpsms@niser.ac.in, cpsps@niser.ac.in for Biological Sciences, Chemical Sciences, Mathematical Sciences and Physical Sciences respectively.
- Applicants are encouraged to visit school web page for more information on research activities.

### **Checklist for application submission**

During online submission, you will need to have the following ready with you for uploading;

- JPEG file of your passport size photo.
- JPEG file of your valid signatures.
- Birth Certificate/10th pass certificate in support of date of birth.
- Certificate in support of category (SC/ST), only if applicable.
- Certificate and mark sheets in support of passing qualifying examination. In case the original pass certificate is not issued by University then a certificate from the University on its letterhead with seal of the concerned authority certifying the completion of degree should be submitted.
- Certificate/document in support of qualifying national level examination(s) viz. CSIR-UGC NET JRF/GATE/JAM/JEST/NBHM or any other as applicable.
- For students applying for Integrated MSc-PhD in Mathematics through NBHM MSc / PhD written test-2023 need to upload the interview call letter received from NBHM.

**Dean, Academic Affairs**