



## NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHUBANESWAR

Advt.No: NISER/ACAD/Ph.D/2016-17(1)

### Notice for Admission to Ph.D. Programme – 2016 (Summer Session)

Applications are invited from Indian citizens for admission to Ph.D. Programme scheduled to commence from 25<sup>th</sup> July, 2016 in the following schools of basic sciences at NISER, Bhubaneswar:

1. School of Biological Sciences.
2. School of Chemical Sciences.
3. School of Physical Sciences.
4. School of Mathematical Sciences.
5. School of Humanities and Social Sciences

#### Eligibility

1. **Age:** Not more than 28 years on 1<sup>st</sup> April 2016 (Born on/after 2<sup>nd</sup> April, 1988).
2. **Educational Qualification:**

Stream	Minimum Educational Qualifications
<b>Biological Sciences</b>	60% in Masters in any branches of Biology, Life Sciences, Pharmaceutical Sciences, Agricultural Sciences, Veterinary Sciences, Computer Sciences and Bioinformatics. Students with Masters in Physics, Chemistry and Mathematics with an interest in pursuing a research career in life sciences are also encouraged to apply.
<b>Chemical Sciences</b>	60% in Masters in Chemistry or allied fields. Student with masters in any branches of Natural or Computer Sciences with interest in pursuing career in Chemistry.
<b>Physical Sciences</b>	60% or equivalent GPA cumulatively till the last year/semester examination appeared in M.Sc majoring in Physics OR M.E./M.Tech in Applied Physics.
<b>Mathematical Sciences</b>	60% in Masters in Mathematics or Statistics or Computer Science
<b>Humanities and Social Sciences<sup>#</sup></b>	60% in Masters in Social Sciences and allied disciplines

<sup>#</sup> PhD program in School of Humanities and Social Sciences (SHSS), NISER, is conducted in affiliation with TATA Institute of Social Sciences (TISS), Mumbai. Areas of research at SHSS include Economics, Psychology, Sociology and English.

3. Candidates should have qualified the CSIR-UGC NET/GATE/GPAT/JEST/NBHM/INSPIRE (Doctoral fellowship under AORC Scheme)/JGEEBILS or any other equivalent national level examination, valid for the current year in the relevant area of research.
4. UGC-CSIR or any other JRF qualified candidates have to avail the fellowship directly from that organization whereas, students selected for Ph.D. program based on GATE/GPAT/JEST or any other scores, are eligible for fellowship from NISER, Bhubaneswar, if selected.
5. The scholarship given by NISER is ₹25,000/- for first two years, which will subsequently be enhanced to ₹28,000/- for remaining three years, subject to the condition that he/she fulfills all the requirements of the Institute that will be stipulated from time to time.

#### Selection Procedure

- The selection committee of the respective schools will short-list the candidates among those who meet the minimum educational qualifications and satisfy additional criteria which each school may set as deemed necessary.
- The short-listed candidates will be called for an interview, supplemented by a written test, if necessary, for the admission.
- 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 Ph.D. program.

- All candidates called for the Test / Interview will be paid to and from single, second-sleeper class railway fare by the shortest route from their place of residence to the Institute / venue of the Test and Interview. They have to produce evidence (railway ticket) in support of their claim.

### **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 in favor of eligibility criteria as a single pdf file (maximum upload limit 2MB).
- Candidates intending to apply for more than one school should fill up online application forms for each school and submit separate forms with appropriate supporting documents.
- Two sealed letters of reference in the prescribed format with signature of the referee on the envelope should be produced at the time of interview. The copy of the reference letter is available in page 3 & 4 of this document.
- NISER does not demand any entrance fee from the candidates who apply for Ph.D program.

### **Important dates:**

- **Online application process starts - 1<sup>st</sup> March (Tuesday)**
- **Last date for filling up online application - 1<sup>st</sup> April 2016 (Friday)**
- List of short-listed candidates will be uploaded on NISER website latest by 15<sup>th</sup> April, 2016
- Tentative dates for test/interview, at Jatni campus are as follows:
  - School of Mathematical Sciences: May 05-06, 2016
  - School of Biological Sciences: May 19-20, 2016
  - School of Chemical Sciences: May 24-25, 2016
  - School of Physical Sciences: June 01-02, 2016
  - School of Humanities and Social Sciences: June 06-07, 2016
- Each school will send the call letters to the candidates separately.
- Kindly refer to the website for the date of announcement of the selected candidates.
- The registration will be done on **25<sup>th</sup> July** (Monday).
- All the selected students will be provided hostel accommodation.
- For any further query, mail to [cpsbs@niser.ac.in](mailto:cpsbs@niser.ac.in), [cpsps@niser.ac.in](mailto:cpsps@niser.ac.in), [cpscsc@niser.ac.in](mailto:cpscsc@niser.ac.in), [cpsms@niser.ac.in](mailto:cpsms@niser.ac.in), [cpsshs@niser.ac.in](mailto:cpsshs@niser.ac.in) for Biology, Physics, Chemistry, Mathematics and Humanities & Social Sciences respectively.
- **Applicants are encouraged to visit individual school web pages for information on research activities.**

### **Address for communication and more details:**

**Faculty-In Charge (Academic Affairs),  
National Institute of Science Education and Research (NISER),  
PO: Bhipur-Padanpur, Via: Jatni, Dist: Khurda – 752 050  
Phone: 0674-2494013, Fax: 0674-2494004  
Email: [phdadm@niser.ac.in](mailto:phdadm@niser.ac.in)**

### **CHECK LIST**

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
- **Single 'pdf' file (not exceeding 2MB; use scan-to-PDF and add pages until done)** containing soft copies of the following documents/certificates:
  - i) 10<sup>th</sup> / matriculation certificate in support of date of birth.
  - ii) Certificate in support of category claimed under Sl. No. 2 of the application, only if applicable.
  - iii) Certificate in support of passing qualifying examination i.e Master's degree.
  - iv) Certificate(s)/document(s) in support of qualifying national level examination(s) viz. CSIR-UGC NET/GATE/GPAT/JEST/NBHM/INSPIRE (Doctoral fellowship under AORC Scheme)/JGEEBILS or any other.



# NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH

(Jatni, Khurda – 752 050)

## Ph.D LETTER OF REFERENCE

### NOTE TO THE REFEREE

*This form is given to you by an applicant of the Ph.D. programme at NISER, Bhubaneswar. We would appreciate an authentic and frank assessment of the candidate as that would facilitate our evaluation procedure. Your report will be kept confidential.*

1. I have known the applicant Mr./Ms. \_\_\_\_\_ for \_\_\_\_\_ years.

My knowledge of this student is based on: (*check as many*)

- Having him/her in one or more courses
- Knowing him/her personally
- Supervision of his/her thesis/project
- Inquiry and discussion with my colleagues
- Some other sources

### 2. Performance in my courses:

Course Title	No. of Students	Grade and Rank	Remarks

3. Overall ranking of the candidate among your students in the last three years :

*A = top 5%, B = top 25%, C = below top 25%*

4. Please indicate the levels of the candidate's abilities with regard to the following.

*A = Outstanding, B = High, C = Medium, D = Low*

- |  |  |
|--|--|
| <input type="checkbox"/> Knowledge of the subject          | <input type="checkbox"/> Interest in experiments   |
| <input type="checkbox"/> Capacity of hard work             | <input type="checkbox"/> Interest in theory        |
| <input type="checkbox"/> Capacity for independent thinking | <input type="checkbox"/> Communication skills      |
| <input type="checkbox"/> Motivation for research           | <input type="checkbox"/> Ability to work in a team |

5. Would you consider the applicant good enough to be your own Ph.D. student? Yes / No

6. Please give your remarks about the applicant (add an extra sheet, if necessary). In addition to your general remarks, please address the following questions : Are the abilities of the candidate better than as indicated by his/her marks/grades? What are, if any, the special strengths/aptitudes of the applicant in your opinion?

---

---

---

---

---

---

---

---

**7. My recommendation:**

I recommend him/her without any reservations

I recommend him/her

I do not recommend him/her

Name of the referee : \_\_\_\_\_

Designation/Position : \_\_\_\_\_

***Full Signature with official seal***

Date : \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

PIN : \_\_\_\_\_

E-mail : \_\_\_\_\_ Phone : \_\_\_\_\_ FAX : \_\_\_\_\_

Please write **“Ph.D. Reference Letter”** on the envelope, seal the envelope and hand it over to the applicant.