



## **Notice for inviting applications from the students interested for Summer Internship at School of Mathematical Sciences in NISER, Bhubaneswar**

The School of Mathematical Sciences, NISER invites applications for the Summer Internship program from the students registered/enrolled in the science-related UG/PG degree course in the recognized Universities/ Collages/ Institutions. This program aims to provide hands-on training to the UG/PG science students interested in Mathematical Sciences, as a short-term project. The intern/student will work under the guidance/supervision of a faculty member from SMS. On successful completion of the project assignment, the intern shall be issued a "Project Completion Certificate". Other details of the program are given below:

1. Summer Internship students will be allowed for 2 months (during from 13<sup>th</sup> May to 31<sup>th</sup> July 2024).
2. No extension for a longer stay will be considered in this program.
3. Students who have availed this program earlier at SMS-NISER will not be considered again.
4. Applicants need to mention the concerned PI.
5. Students interested in multiple PI may apply separately to the respective Principal Investigators (PI).
6. The selection of students will be done by the respective PI / Faculty.
7. Selected students will be given financial support as per the rule of the institute.

**Table – 1: Details of the Faculty/Principal investigators with research area & available seats:**

Sl. No.	Name of PI / Faculty & E-mail ID to apply for	Research Areas	Seats for Internship / Short-term Project work
1	Dr. Anupam Pal Choudhury <a href="mailto:anupampcmath@niser.ac.in">anupampcmath@niser.ac.in</a>	Differential Equations	1
2	Dr. Binod Kumar Sahoo <a href="mailto:bksahoo@niser.ac.in">bksahoo@niser.ac.in</a>	Incidence Geometry	1
3	Prof. Brundaban Sahu <a href="mailto:brundaban.sahu@niser.ac.in">brundaban.sahu@niser.ac.in</a>	Number Theory	1
4	Dr. Deepak Kumar Dalai <a href="mailto:deepak@niser.ac.in">deepak@niser.ac.in</a>	Cryptography Discrete Mathematics	1
5	Dr. Dinesh Kumar Keshari <a href="mailto:dinesh@niser.ac.in">dinesh@niser.ac.in</a>	Functional Analysis	1
6	Dr. Jaban Meher <a href="mailto:jaban@niser.ac.in">jaban@niser.ac.in</a>	Number Theory	1
7	Dr. K. Senthil Kumar <a href="mailto:senthil@niser.ac.in">senthil@niser.ac.in</a>	Number Theory	1
8	Dr. Kamal Lochan Patra <a href="mailto:klpatra@niser.ac.in">klpatra@niser.ac.in</a>	Algebraic Graph Theory Discrete Mathematics	1
9	Dr. Kaushik Majumder <a href="mailto:kaushikmajumder@niser.ac.in">kaushikmajumder@niser.ac.in</a>	Discrete Mathematics	1
10	Dr. Krishanu Dan <a href="mailto:krishanu@niser.ac.in">krishanu@niser.ac.in</a>	Algebraic Geometry	1
11	Dr. Manas Ranjan Sahoo <a href="mailto:manas@niser.ac.in">manas@niser.ac.in</a>	Differential Equations	1
12	Dr. Nabin Kumar Jana <a href="mailto:nabinjana@niser.ac.in">nabinjana@niser.ac.in</a>	Probability Theory	1
13	Dr. Panchugopal Bikram <a href="mailto:bikram@niser.ac.in">bikram@niser.ac.in</a>	Functional Analysis	1
14	Dr. Ramesh Manna <a href="mailto:rameshmanna@niser.ac.in">rameshmanna@niser.ac.in</a>	Harmonic Analysis	1
15	Dr. Ritwik Mukherjee <a href="mailto:ritwikm@niser.ac.in">ritwikm@niser.ac.in</a>	Differential Geometry	1

16	<b>Dr. Sanjay Parui</b> parui@niser.ac.in	<b>Harmonic Analysis</b>	1
17	<b>Dr. Sudhir Pujahari</b> spujahari@niser.ac.in	<b>Number Theory</b>	1
18	<b>Dr. Sumana Hatui</b> sumanahatui@niser.ac.in	<b>Algebra</b>	1
19	<b>Dr. Sutanu Roy</b> sutanu@niser.ac.in	<b>Functional Analysis</b>	1
20	<b>Dr. Tushar Kanta Naik</b> tushar@niser.ac.in	<b>Algebra</b>	1

**How to apply:** Interested students may apply for the above programs using the prescribed application form given in Annexure – 1 to this notice. Applications will be received through e-mail only. Applicants need to send the scanned copy of the filled-in application form & “*Bonafide-Cum-No Objection Certificate*” in a single PDF file to the E-mail ID of the respective PI / Faculty. The details of the current research areas of PIs/ Faculty & their E-mail ID to apply are given in the above Table-1. The last date to apply for these programs is **April 20, 2024**. Applications received after the last date & without “*Bonafide-Cum-No Objection Certificate*” will not be considered.

### **General Terms & Conditions:**

**Students will be allowed in the above programs subject to the following conditions: they shall have to sign an undertaking at the time of joining the institute if selected.**

- a) The data or any intellectual property generated from the students' summer Internship/short-term project work shall be owned by NISER with full rights to its use for academic & research purposes.
- b) The Summer Interns/Short-term dissertation project students shall have no rights to the data generated during their project work at NISER. The use of the said data by them for any purpose, including authorship in publications, patents, or any other commercial, non-commercial, academic research without prior approval/consent of the competent authority of NISER, is completely prohibited. However, the data can only be used to prepare the project report/dissertation thesis under the supervision of the respective faculty guide/PI. Students may deposit a copy of the **stated project report/dissertation thesis** to their parent institution if required for academic purposes.
- c) The Summer Interns/Short-term project students shall have to maintain strict confidentiality & utmost care while disclosing or dealing with the data/information pertaining to the Institute/school/lab/instrumentation etc.
- d) In the event of any infringement of the above conditions, appropriate disciplinary/legal action shall be taken by the authorities of NISER against the erring person.
- e) Students shall follow the instructions of their respective faculty/Pis strictly & the concerned faculty/Pis will be supervising & monitoring their activities inside the lab & campus.
- f) Students are expected to maintain proper discipline/decorum all the time during their stay on campus. In the event of any misconduct, disciplinary action as deemed fit will be taken by the school authorities against the student.
- g) Students must abide by the relevant rules and deposit caution money if required while availing the hostel accommodation, central library, or any other facility at NISER.
- h) No NISER e-mail ID will be given to the summer interns/short-term project students.
- i) Students will have to use their own laptops for any personal work; however, departmental guest Wi-Fi login may be shared to access the internet only for project work. If the NISER-Computer Center reports any misuse of the internet facility, then disciplinary action as deemed fit will be taken by the NISER authorities against the student.
- j) Hostel accommodation may be provided on a chargeable basis, subject to availability.



**राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर**  
**National Institute of Science Education and Research, Jatni**  
**गणितीय विज्ञान विद्यालय / School of Mathematical Sciences**  
**Application Form for Internship / Short-Term**  
**Project Work at SMS - NISER**

<b>Applying for: <u>Internship/Short-Term Project Work</u></b>					<b>Paste your recent passport size photograph</b>
1	Name of the Student				
2	Date of Birth (DD/MM/YY)	_ _ / _ _ / 20 _ _			
3	Age	_ _ Years			
4	Father/Mother's Name				
5	Gender	Male/ Female			
6	Address for Communication	<hr/> <hr/> <hr/> Pin code: _____ Phone No. _____ E-Mail ID _____			
7	Permanent Address	<hr/> <hr/> <hr/> Pin code: _____ Phone No. _____			
8. Details of University/ Institution studied (Bachelor's level and above). Attach copies of certificates & mark sheets.					
Degree	Discipline	University/ College	Year	Average Marks/CGPA	Class
9	Presently Pursuing the Degree & Major				
10	Year/ month of joining the College/ institute				
11	Expected Year/ month of degree completion				
12	Name of the College & Place				
13	Name of the university (college affiliation)				

14	Title of the project	
15	Name of the Project Supervisor	
16	Duration of the Project	From :    __/__/20__    To:    __/__/20__
17	Is Bonafide-Cum-No Objection Certificate from the parent institute attached?	<b>YES/ NO</b>
18	Name of local guardian (if any in Bhubaneswar/Jatni) Address with Contact No.	Name: _____ Address: _____ _____ Pin code: _____ Phone No. _____ E-Mail ID _____
19	NISER hostel accommodation* required (On payment basis only)	<b>YES/ NO</b> If Yes, From : __/__/20__ To: __/__/20__
20	Avail Library/ Computer Centre Facilities	<b>YES/ NO</b>

I certify that the above information I furnished is true and correct.

Date: \_\_/\_\_/20\_\_

Place: \_\_\_\_\_

(Full Signature of the Applicant)

\*NB: Accommodation, if desired, will be provided subject to availability on a chargeable basis only.

**FOR THE USE OF Principal Investigator/FACULTY**

Certified that the entries made by the student have been verified from the submitted documents. The student is selected for **Internship / Short Term Project Work** following the criteria as decided by the undersigned and recommended for approval.

**Signature of Faculty/Project Supervisor**

**Chairperson of the School:**

Approved / Not Approved for Internship / Short-Term Project work

**Signature of SMS Chairperson**

Accommodation in the NISER hostel for the above-mentioned period is available& booked / Not Available.

**Hostel In-Charge**

**Warden/Chief Warden**

**FORMAT FOR BONAFIDE-CUM-NO OBJECTION CERTIFICATE**

No: \_\_\_\_\_

Date:\_\_\_\_\_2024

To,  
The Director,  
NISER, Bhubaneswar

This is to certify that Ms./Mr.\_\_\_\_name of the student\_\_\_\_ Roll No.\_\_\_\_\_ is a bona fide student of \_\_\_\_\_name of the institution / University\_\_\_\_pursuing the course of \_\_\_\_\_name of degree course\_\_\_\_. The Institute / University does not have any objection for doing the Internship / Short Term Project Work Project Work at the School of Mathematical Sciences in National Institute of Science Education & Research, Jatni, during \_\_\_\_\_to \_\_\_\_\_. I am forwarding/recommending this application for the same.

**(Should be issued by the competent authority (like Director/Dean/HOD/Registrar as the case may be)**

**Signature:**\_\_\_\_\_

**Name:**\_\_\_\_\_

SEAL / STAMP