

Report on Participation in Nano Jatha- 2026

Organized by: CSIR- National Environmental Engineering Research Institute (CSIR-NEERI), Nagpur, in collaboration with Centre for Nano and Soft Matter Sciences (CeNS), Bengaluru (DST)

Date: 28 July 2026

Venue: NEERI Auditorium, CSIR-NEERI, Nagpur

Participants: 20 Students of Dr. Ambedkar College, Deekshabhoomi, Nagpur

Faculty Coordinator: Dr. R. C. Sawant

1. Introduction

CSIR- National Environmental Engineering Research Institute (CSIR-NEERI), Nagpur, in collaboration with the Centre for Nano and Soft Matter Sciences (CeNS), Bengaluru (DST), organized **Nano Jatha- 2026**, a national Science Outreach Programme on Nanoscience and Nanotechnology, on **28 July 2026** at the NEERI Auditorium, Nagpur. The programme aimed at creating awareness about nanoscience and nanotechnology among undergraduate and postgraduate students.

In response to the invitation letter No. CSIR-NEERI/SCDKMU/Misc/2026-27 dated 13 July 2026, Dr. Ambedkar College, Nagpur, nominated **20 students** to participate in this programme. The students were accompanied by **Dr. R. C. Sawant**, who served as the faculty coordinator for the visit.

2. Objectives of the Programme

The primary objectives of Nano Jatha- 2026 were:

1. To create awareness about nanoscience and nanotechnology among students.
2. To introduce students to the latest developments and applications of nanotechnology.
3. To provide hands-on exposure through live demonstrations using specialized nanoscience experimental kits.
4. To encourage students to pursue research and careers in the field of nanoscience and nanotechnology.

3. Programme Schedule and Activities

The programme was conducted from **9:30 AM to 5:00 PM** and included the following activities:

3.1 Inaugural Session

The programme began with a welcome address by the organizers, followed by an introduction to the objectives of Nano Jatha- 2026. The dignitaries highlighted the importance of nanoscience and nanotechnology in addressing contemporary challenges in health, environment, energy, and materials science.

3.2 Expert Lectures

Eminent scientists and researchers from CSIR-NEERI and CeNS delivered expert lectures on various topics, including:

- Fundamentals of Nanoscience and Nanotechnology
- Synthesis and Characterization of Nanomaterials
- Applications of Nanotechnology in Environmental Remediation
- Nanotechnology in Medicine and Healthcare
- Nanomaterials for Energy and Sustainable Development

3.3 Interactive Sessions

Interactive sessions were conducted where students had the opportunity to engage with scientists and ask questions related to nanoscience, research opportunities, and career pathways in the field.

3.4 Video Presentations

Video presentations were shown to help students visualize nanoscale phenomena, laboratory techniques, and real-world applications of nanotechnology.

3.5 Quiz Competition

A quiz competition was organized to test the students' understanding of the concepts covered during the lectures. Our students actively participated in the quiz and demonstrated keen interest and enthusiasm.

We are proud to report that **Mr. Dhruv Hemane**, a student of **Dr. Ambedkar College, Nagpur**, secured the **First Prize in the Quiz Competition**. His outstanding performance reflected both his grasp of nanoscience concepts and the quality of preparation and mentoring extended by the faculty.

3.6 Question-Answer Session

The question-answer session provided students with an opportunity to clarify their doubts and engage directly with the resource persons. **Two of our girl students gave excellent answers to the questions posed during the session and were highly appreciated by the organizers and resource persons for their clarity of thought and depth of understanding.** Their confident and articulate responses brought credit to the institution and demonstrated the strong conceptual foundation imparted to our students.



Parampoojya Dr. Babasaheb Ambedkar Smarak Samiti, Deekshabhoomi, Nagpur-10

DR. AMBEDKAR COLLEGE

NAAC Re-Accredited with A+ GRADE (CGPA-3.35), College with Potential for Excellence
Deekshabhoomi, Nagpur: Web: www.daen.in Mail: principal.daen.edu@gmail.com

Ref: DAC/NANO/2026-27/01

Date: 17th July 2026

To,
The Coordinator,
Nano Jatha- 2026,
CSIR-National Environmental Research Institute (CSIR-NEERI),
Nagpur.

Subject: Confirmation of Participation for Nano Jatha- 2026

Dear Sir/Madam,

This is with reference to your invitation letter No. CSIR-NEERI/SCDKMU/Misc/2026-27 dated 13 July 2026 regarding the organization of "Nano Jatha- 2026," a Science Outreach Programme on Nanoscience and Nanotechnology.

We are pleased to confirm that a group of **20 (Twenty) students** from Dr. Ambedkar College, Deekshabhoomi, Nagpur will be participating in the programme scheduled for **28 July 2026** at the NEERI Auditorium.

The students will be accompanied by **Dr. R. C. Sawant**, who will be the faculty-in-charge for the visit.

The list of participating students is enclosed herewith for your reference.

We are grateful for this opportunity and are confident that our students will benefit immensely from this unique learning experience.

Thank you for your kind cooperation. We look forward to a successful event.

Yours sincerely,

Dr. Mrs. Deepa Panhekar

Officiating Principal
Dr. Ambedkar College,
Deekshabhoomi,
Nagpur.

Enclosure: List of Students (20)



सी.एस.आई.आर. – राष्ट्रीय पर्यावरण अभियांत्रिकी अनुसंधान संस्थान
CSIR - National Environmental Engineering Research Institute

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्/Council of Scientific & Industrial Research)

(वैज्ञानिक तथा औद्योगिक अनुसंधान विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार के अंतर्गत स्वायत्त संगठन) NEERI
(Autonomous Organisation under the Dept. of Scientific and Industrial Research, Ministry of Science & Technology, Govt. of India)

प्रेषक : निदेशक, सी.एस.आई.आर. - नीरी

From : The Director, CSIR - NEERI

CSIR-NEERI/SCDKMU/Misc/2026-27
13 July 2026

To
Principal
Dr. Ambedkar College
Nagpur.

Sub: Invitation to participate in Nano Jatha-2026 – Science Outreach Programme on Nanoscience and Nanotechnology

Dear Sir/Madam,

CSIR-National Environmental Engineering Research Institute (CSIR-NEERI), Nagpur, in collaboration with Centre for Nano and Soft Matter Sciences (CeNS), Bengaluru (DST), will organize Nano Jatha-2026, a Science Outreach Programme on Nanoscience and Nanotechnology, on 28 July 2026 (9:30 AM to 5:00 PM) in the NEERI Auditorium, Nagpur.

Nano Jatha is a national science outreach programme aimed at creating awareness about nanoscience and nanotechnology among students. The programme will include expert lectures, interactive sessions, video presentations, quizzes, and live demonstrations using specialized nanoscience experimental kits.

We cordially invite your institution to nominate maximum 20-25 students to participate in this programme. Undergraduate and postgraduate students, particularly those studying Chemistry, Physics, Nanoscience, or Nanotechnology, are encouraged to participate.

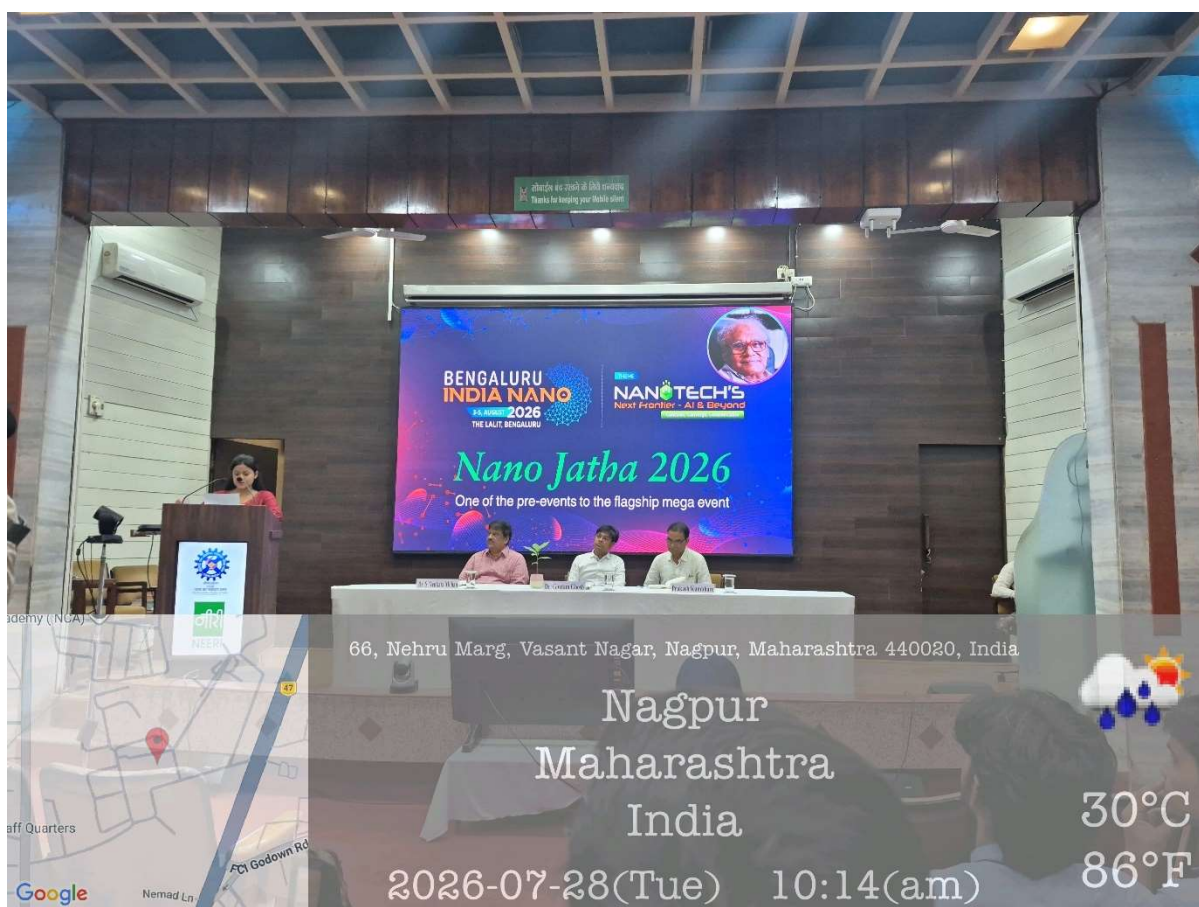
Participation is free of cost and registrations will be accepted on a first-come, first-served basis, subject to the availability of seats.

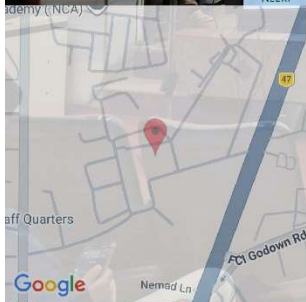
We request you to kindly encourage your students to participate in this unique learning opportunity and confirm their participation latest by 17 July 2026.

We look forward to your institution's participation.

With regards,

Coordinator
Nano Jatha-2026
CSIR-National Environmental Engineering Research Institute (CSIR-NEERI)
Nagpur
Mob. 9423063927





66, Nehru Marg, Vasant Nagar, Nagpur, Maharashtra 440020, India

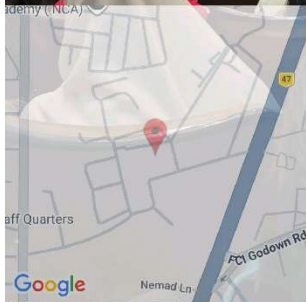
Nagpur
Maharashtra
India



30°C

2026-07-28(Tue) 10:24(am)

86°F



66, Nehru Marg, Vasant Nagar, Nagpur, Maharashtra 440020, India

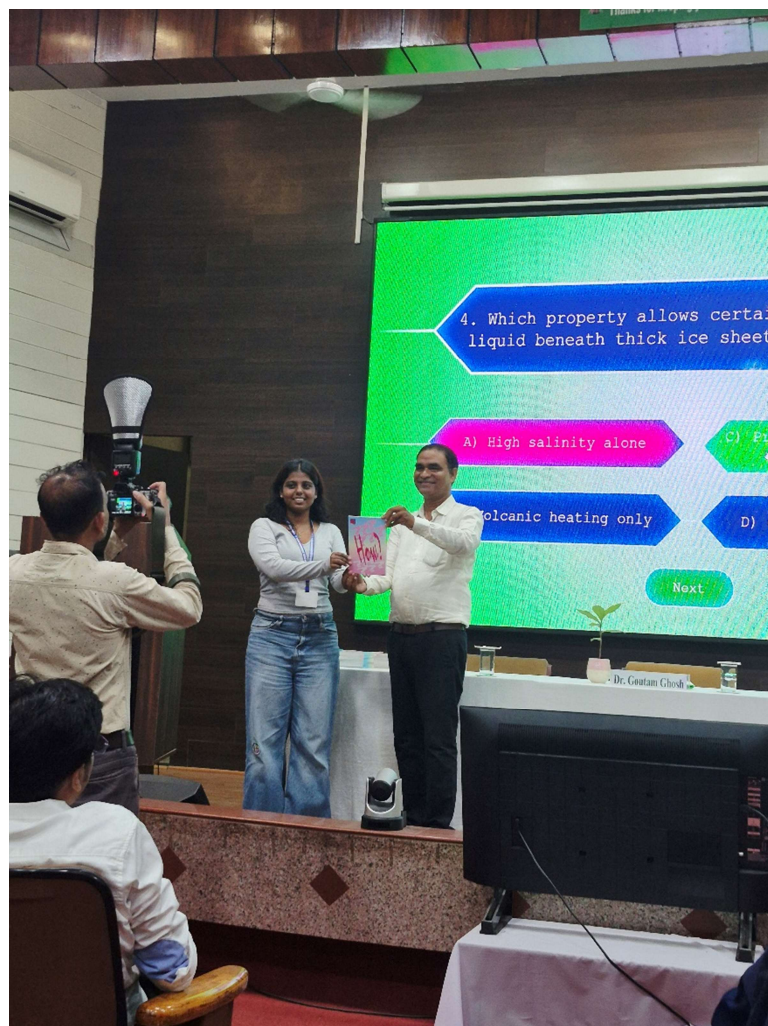
Nagpur
Maharashtra
India



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2026-07-28(Tue) 12:10(pm)

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Bharat Ratna Prof. C.N.R. Rao, FRS
 Chief Mentor, Vision Group on Nanotechnology
 National Research Professor;
 Linus Pauling Research Professor;
 Honorary President, JNCASR



Nano Jatha Lecture Series, Demonstrations & Exhibition

This is to certify that Master Devesh Narnaware, B.Sc. (2nd Yr)
 from Dr. Ambedkar College, Nagpur
 has attended the Nano Jatha Lecture Series, Demonstrations & Exhibition organized
 by **CSIR-National Environmental Engineering Research Institute (CSIR-NEERI),**
Nagpur on 28 July 2026.

Prakash Kumbhare

Prakash Kumbhare
 Event Coordinator

Dr. Goutam Ghosh

Dr. Goutam Ghosh
 Ramanujan Faculty
 (Resource Person)
 CeNS, Bengaluru

Dr. Ambedkar College, Deekshabhoomi, Nagpur

Department of Chemistry

Attendance: Nano Jatha-2026

Science Outreach Program organised by CSIR-NEERI, Nagpur

Dt. 28/07/2026

Sr. No.	Name of Faculty / Student	Signature
1	Dr. R. C. Sawant	<u>R. Sawant</u>
2	Nisha S. Pimple	<u>N. Pimple</u>
3	Pranjali A. Pimple	<u>P. Pimple</u>
4	Sejal P. Ramteke	<u>Ramteke</u>
5	Arati A. Mate	<u>A. Mate</u>
6	Nikisha Gurnuli	<u>N. Gurnuli</u>
7	Rutuja R. Ghughuskar	<u>R. Ghughuskar</u>
8	Mudassar S. Shah	<u>M. Shah</u>
9	Kajal S. Ramteke	<u>K. Ramteke</u>
10	Chaitanya D. Tembhurne	<u>C. Tembhurne</u>
11	Roshni A. Borkar	<u>R. Borkar</u>
12	Diksha B. Kumbhar	<u>D. Kumbhar</u>
13	Devesh. Narnaware	<u>D. Narnaware</u>
14	Manjini. Durtalwar	<u>M. Durtalwar</u>
15	Kamakshi. Yenukar	<u>K. Yenukar</u>
16	Tanushka. Rahate	<u>T. Rahate</u>
17	Anup. Shewale	<u>A. Shewale</u>
18	Abansha. Barmal	<u>A. Barmal</u>
19	Dheer. Hemame	<u>D. Hemame</u>
20	Mitrajit Dasgupta	<u>M. Dasgupta</u>
21	Harshal P. Nakade	<u>H. Nakade</u>
22		
23		