



# DR. AMBEDKAR COLLEGE,

DEEKSHABHOOMI, NAGPUR

## Department of Physics

Session: 2024-25

### REPORT ON JIGYASA - LAB TO SCHOOL ACTIVITY

**Name of the Programme :** JIGYASA-Lab To School Activity

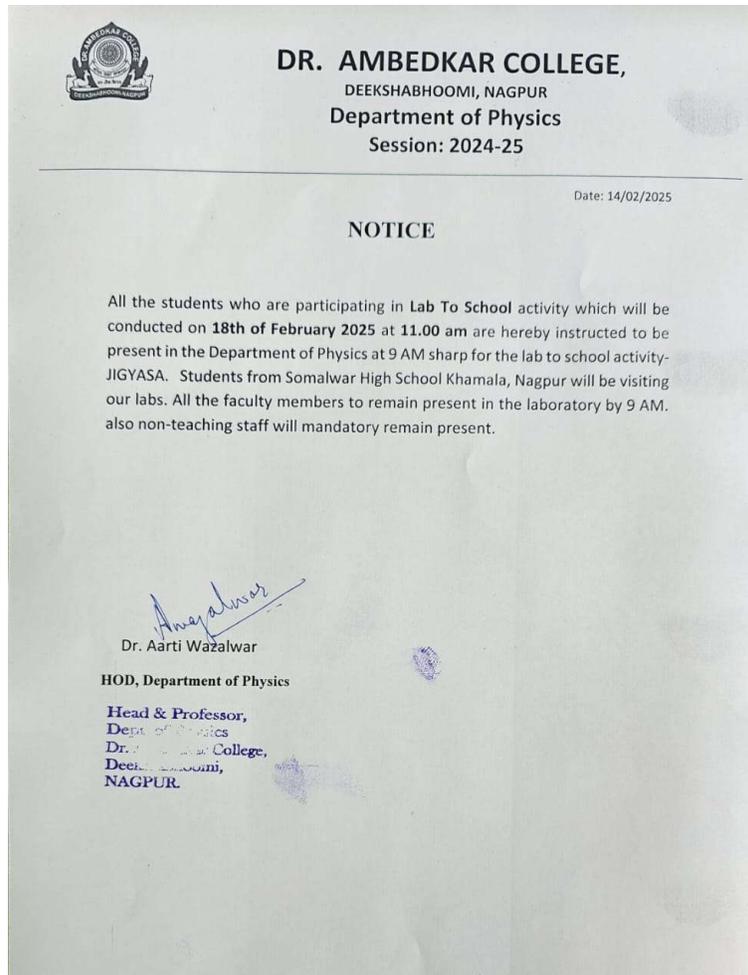
**Date of the Programme :** 18/02/2025

**Number of Participants :** 70

**Hosted by :** Dept. of Physics

**Coordinated by :** Dr. Namrata Pradnyakar, Dr. Amit Bansod, Dr. Pritee Wakudkar

**Name of The School Visited:** Somalwar High School, Khamla Branch, Nagpur



### **Objectives of the Event:**

1. To create curiosity and enthusiasm for physics among school students.
2. To provide hands-on experience of physics experiments relevant to daily life.
3. To bridge the gap between theoretical knowledge and practical applications.
4. To inspire students to pursue higher education in physics and science-related fields.
5. To enhance interaction between undergraduate students and school students, fostering a culture of collaborative learning.

The Department of Physics, Dr. Ambedkar College, Nagpur, successfully organized the event **Jigyasa - Lab to School Activity** on **18th February 2025**. This initiative aimed to bridge the gap between theoretical learning and practical application, fostering curiosity and enthusiasm for physics among school students.

A total of **43 students** from **Somalwada High School, Khamla branch, Nagpur**, belonging to **7th, 8th, and 9th standards**, visited the **B.Sc. Physics laboratory** of the college. During this interactive session, **25 undergraduate students**, from **1st to final year B.Sc. Physics**, enthusiastically volunteered to demonstrate various physics experiments relevant to everyday life. The engaging demonstrations helped students understand the practical implications of physics principles, making the subject more relatable and interesting.

The event was meticulously coordinated by **Dr. Namrata Pradnyakar, Assistant Professor, Department of Physics**, under the able leadership of **Dr. Aarti Wazalwar, Head, Department of Physics**. **Dr. Amit Bansod addressed the students, whereas Dr. Pritee Wakudkar managed the activities. Mr. Vinod Chaudhari, Mr. Chandrashekhar Hedau & Ms. Sheetal Kurvey** strived hard for the success of the program. Their guidance ensured the smooth execution of the activity, providing both the visiting students and host volunteers with a memorable and enriching experience.

Both groups, the visitors and the volunteers, thoroughly enjoyed the event. The primary objective was to spark curiosity and inspire students to explore physics with a new perspective, ultimately fostering a deeper interest in science. The event concluded on a cheerful note with **snacks being served to all participants**, and **certificates were distributed** to acknowledge the active participation of the visiting students.

The Jigyasa - Lab to School Activity proved to be a highly successful initiative, strengthening the bond between academic institutions and young learners while nurturing a scientific temperament among students.



Dr. Ambedkar College, Deekshabhoomi, Nagpur  
Department of Physics  
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Attendance Sheet; Lab To School Activity

Sr. No.	Name	Age	Gender	Sign
1	Rohaan Sornkumar	15	Male	[Signature]
2	Daksh V. Kadukar	14	Male	[Signature]
3	Divya Sanjay Desai	15	Male	[Signature]
4	Aayon Rambau Mahalle	14	Male	[Signature]
5	Bhavesh R. Vaze	13/14	Male	[Signature]
6	Anshushil Bhatnagar Dhoke	14	Male	[Signature]
7	Ansh M. Patil	14	Male	[Signature]
8	Kanishk A. Dixit	14	Male	[Signature]
9	Divyanshu R. Chauhan	14	Male	[Signature]
10	Baranav A. Chopade	14	Male	[Signature]
11	Aarav A. Suresat	14	Male	[Signature]
12	Karan S. Nagarkar	14	Male	[Signature]
13	Pranvi A. Chaudhary	13	Female	[Signature]
14	Divya Babasaheb Jagtap	14	Female	[Signature]
15	Divya C. Kamble	14	Female	[Signature]
16	Shreya R. Chitambar	14	Female	[Signature]
17	Rutwik S. Hadke	14	Female	[Signature]
18	Garvit A. Thakur	14	Female	[Signature]
19	Aarushi B. Gite	13/13	Female	[Signature]
20	Charvati V. Thakre	13	Female	[Signature]
21	Devyani G. Yadav	13	Female	[Signature]
22	Vaidhi A. Bhangre	14/13	Female	[Signature]
23	PRANAV V. Madale	14	Male	[Signature]
24	Om V. Ghoshkar	13	Male	[Signature]
25	Shreyas K. Datar	13	Male	[Signature]
26	Siddhant R. Shiv	14	Male	[Signature]
27	Garvi G. Patil	14	Female	[Signature]
28	Ashika Kulkarni	13	Female	[Signature]
29	Natasha S. Humne	13	Female	[Signature]
30	Ananya M. Suresat	14	Female	[Signature]
31	Divya Kulkarni	14	Female	[Signature]
32	Nandini Shrivastava	14	Female	[Signature]
33	Saravali Bhatnagar	14	Female	[Signature]

No.	Name	Age	Gender	Sign
34	Saravali Bhatnagar	13	Female	[Signature]
35	Vaidhi Shende	13	Female	[Signature]
36	Manasvini Mejjumdar	13	Female	[Signature]
37	Yashashree Manumdar	12	Female	[Signature]
38	Shruti Chavhan	12	Female	[Signature]
39	Shourabh S. Awale	12	Male	[Signature]
40	Sai Thakre	12	Male	[Signature]
41	Mohit Kulkarni	12	Male	[Signature]
42	Rudra Kadukar	13	Male	[Signature]
43	Aakhas Atey	12	Male	[Signature]

18/02/25

classmate  
Date

Lab to School Activity  
List of Volunteers

1. Ayush Fendax [Signature]
2. Yashashree More [Signature]
3. Pooja Gadhate [Signature]
4. Harshalata Suresat Gawale [Signature]
5. Aarushi Bhaskar [Signature]
6. Anushka Chake [Signature]
7. Ananya Chauhan [Signature]
8. Manavi Bhatnagar [Signature]
9. Yashashree Gandham [Signature]
10. Arthav Tispuje [Signature]
11. Pranjal Ganesh [Signature]
12. Asmita Rajput [Signature]
13. Nehal Mankar [Signature]
14. Atharv Mote [Signature]
15. Harish Humane [Signature]
16. Yash Thakare [Signature]
17. Sujal Kohale [Signature]
18. Leesha Dahat [Signature]
19. Harshad Meshram [Signature]
20. Pooja Anona [Signature]
21. Shrushti Dhok [Signature]
22. Krutika Gawale [Signature]
23. Mahima Banakar [Signature]
24. Shrushti Shingora Khutba Shingora [Signature]
25. Pranjal Shalke [Signature]
26. Manavi Bhatnagar [Signature]

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Feedback Form: Lab To School Activity

Name - Diya Chaitank Kamble Class - 8<sup>th</sup> B  
School Name - Sonalwar High School Khambha Nagpur

- How would you rate your overall experience in the Lab to School program?  
 Excellent  Good  Average  Needs Improvement
- Did the experiments help you understand the topic better?  
 Yes  No  Somewhat
- How excited are you to learn more about this subject after attending the session?  
 Very excited  Somewhat interested  Not interested
- Did you feel encouraged to ask questions and participate?  
 Yes, a lot  Sometimes  No, not really
- What was the most interesting thing you learned during the session?  
The most interesting thing I learned that is Golden rain.

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Name - Aarushi Bhagwan Gite Class - 8<sup>th</sup> B  
School Name - Sonalwar High School Khambha Nagpur

- How would you rate your overall experience in the Lab to School program?  
 Excellent  Good  Average  Needs Improvement
- Did the experiments help you understand the topic better?  
 Yes  No  Somewhat
- How excited are you to learn more about this subject after attending the session?  
 Very excited  Somewhat interested  Not interested
- Did you feel encouraged to ask questions and participate?  
 Yes, a lot  Sometimes  No, not really
- What was the most interesting thing you learned during the session?  
The most interesting thing I learned that Golden rain.

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Name - Diya Saravare Gajbate Class - 8<sup>th</sup> B  
School Name - Sonalwar High School Khambha Nagpur

- How would you rate your overall experience in the Lab to School program?  
 Excellent  Good  Average  Needs Improvement
- Did the experiments help you understand the topic better?  
 Yes  No  Somewhat
- How excited are you to learn more about this subject after attending the session?  
 Very excited  Somewhat interested  Not interested
- Did you feel encouraged to ask questions and participate?  
 Yes, a lot  Sometimes  No, not really
- What was the most interesting thing you learned during the session?  
The most interesting thing I learned that is Golden rain.

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Name - Shrey B Chutkhas Class - 8<sup>th</sup> B  
School Name - Sonalwar High School Khambha Nagpur

- How would you rate your overall experience in the Lab to School program?  
 Excellent  Good  Average  Needs Improvement
- Did the experiments help you understand the topic better?  
 Yes  No  Somewhat
- How excited are you to learn more about this subject after attending the session?  
 Very excited  Somewhat interested  Not interested
- Did you feel encouraged to ask questions and participate?  
 Yes, a lot  Sometimes  No, not really
- What was the most interesting thing you learned during the session?  
The most interesting one are black magic.



## Outcomes of the Event:

- Increased interest in physics and science among school students.
- Enhanced understanding of practical applications of physics concepts.
- Strengthened mentor-mentee relationships between undergraduate and school students.
- Improved communication and presentation skills of undergraduate volunteers.
- Positive feedback from participants, encouraging future initiatives of similar nature.