



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

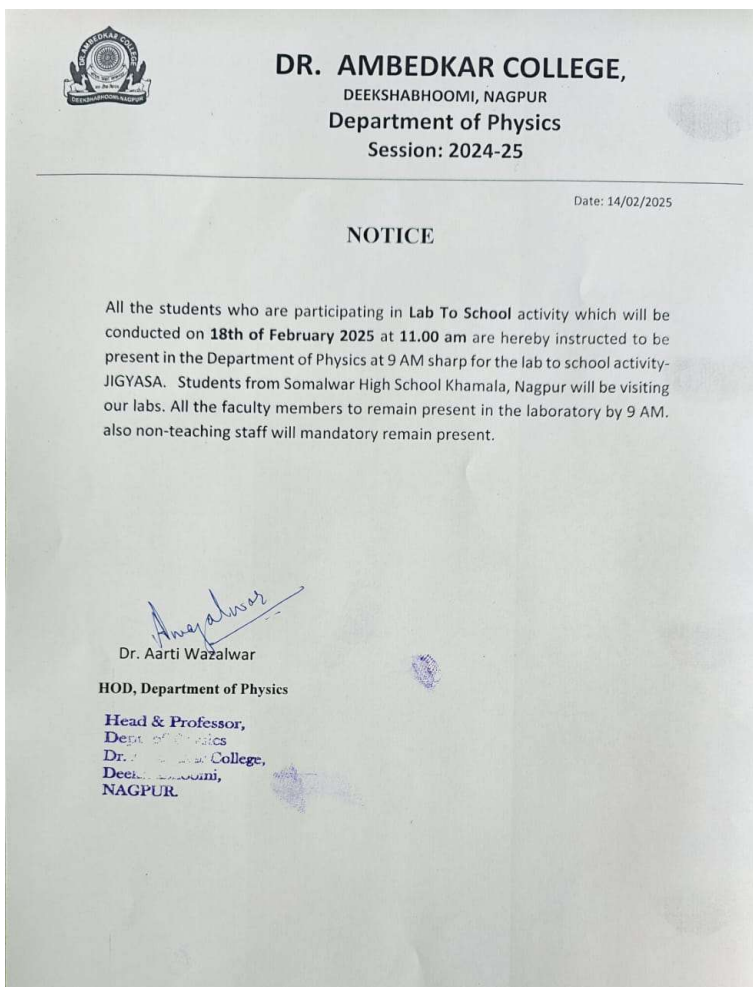
Date of the Programme : 18/02/2025

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
Session 2025 - 26
Attendance Sheet; Lab To School Activity

| Sr. No. | Name | Age | Gender | Sign |
|---------|----------------------------|-------|--------|--------------------|
| 1 | Rohaan. Sonikumar | 15 | Male | <i>[Signature]</i> |
| 2 | Daksh V. Kadukar | 14 | Male | <i>[Signature]</i> |
| 3 | Divya. Sanjay. Duvare | 15 | Male | <i>[Signature]</i> |
| 4 | Ayaz. Rimbau. Mahalle | 14 | Male | <i>[Signature]</i> |
| 5 | Bhaves R. Vazeiwar | 13/14 | Male | <i>[Signature]</i> |
| 6 | Anshushil Bhatnagar. Dhoke | 14 | Male | <i>[Signature]</i> |
| 7 | Ansh M. Patil | 14 | Male | <i>[Signature]</i> |
| 8 | Kanishk A. Dure | 14 | Male | <i>[Signature]</i> |
| 9 | Divyanshu R. Chauhan | 14 | Male | <i>[Signature]</i> |
| 10 | Baran A. Chopade | 14 | Male | <i>[Signature]</i> |
| 11 | Anurag A. Suriset | 14 | Male | <i>[Signature]</i> |
| 12 | Karan S. Nagare | 14 | Male | <i>[Signature]</i> |
| 13 | Pranvi A. Chaudhary | 13 | Female | <i>[Signature]</i> |
| 14 | Divya. Babasa. Gajghate | 14 | Female | <i>[Signature]</i> |
| 15 | Divya. C. Kamble | 14 | Female | <i>[Signature]</i> |
| 16 | Shreya R. Chitambar | 14 | Female | <i>[Signature]</i> |
| 17 | Rutisha. S. Hadke | 14 | Female | <i>[Signature]</i> |
| 18 | Saloni A. Thakur | 14 | Female | <i>[Signature]</i> |
| 19 | Aarushi. B. Gite | 13/13 | Female | <i>[Signature]</i> |
| 20 | Charushi V. Thakre | 13 | Female | <i>[Signature]</i> |
| 21 | Devyani. G. Yadav | 13 | Female | <i>[Signature]</i> |
| 22 | Vidishi A. Bhangre | 14/13 | Female | <i>[Signature]</i> |
| 23 | PRANAV. V. Madale | 14 | Male | <i>[Signature]</i> |
| 24 | Om. V. Gokhale | 13 | Male | <i>[Signature]</i> |
| 25 | Shreyansh K. Dikane | 15 | Male | <i>[Signature]</i> |
| 26 | Siddhant R. Shiv | 14 | Male | <i>[Signature]</i> |
| 27 | Gargi G. Patil | 14 | Female | <i>[Signature]</i> |
| 28 | Ar. S. Kulkarni | 13 | Female | <i>[Signature]</i> |
| 29 | Natasha S. Humne | 15 | Female | <i>[Signature]</i> |
| 30 | Ananya M. Sisat | 14 | Female | <i>[Signature]</i> |
| 31 | Divya Kaurade | 14 | Female | <i>[Signature]</i> |
| 32 | Nandini Sherone | 14 | Female | <i>[Signature]</i> |
| 33 | Sanakshi Deshmukh | 14 | Female | <i>[Signature]</i> |

| No. | Name | Age | Gender | Sign |
|-----|----------------------|-----|--------|--------------------|
| 34 | Samruddhi Pathade | 13 | female | <i>[Signature]</i> |
| 35 | Vaidhi Shende | 13 | female | <i>[Signature]</i> |
| 36 | Manaswini Mejjumdgar | 13 | female | <i>[Signature]</i> |
| 37 | Yashashree Chaudhary | 12 | female | <i>[Signature]</i> |
| 38 | Shruti Chav | 12 | female | <i>[Signature]</i> |
| 39 | Shourabh S. Awale | 12 | male | <i>[Signature]</i> |
| 40 | Sai Thakre | 12 | male | <i>[Signature]</i> |
| 41 | Mohit Kulkarni | 12 | male | <i>[Signature]</i> |
| 42 | Rudra Kadukar | 13 | male | <i>[Signature]</i> |
| 43 | Aakhas Atey | 12 | male | <i>[Signature]</i> |

18/02/25

classmate

date

page

Lab to School Activity

List of Volunteers

1. Ayush Fendax *[Signature]*
2. Yashashree More *[Signature]*
3. Priyal Gadhate *[Signature]*
4. Harshlata ~~Shrivastava~~ Gawale *[Signature]*
5. Anurag Bhatnagar *[Signature]*
6. Anushka Chake *[Signature]*
7. Ananya Chavre *[Signature]*
8. Manasvi Bhatnagar *[Signature]*
9. Yashashree Gandham *[Signature]*
10. Anshav Tiwari *[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. Purnima Anand *[Signature]*
21. Shashwari Dhok *[Signature]*
22. Krutika Gawali *[Signature]*
23. Mahima Bhatnagar *[Signature]*
24. ~~Shreya~~ Shingara *[Signature]*
25. Pranjal Shetke *[Signature]*
26. ~~Manasvi~~ Bhatnagar *[Signature]*

Dr. Ambedkar College, Deekshabhoomi, Nagpur
Department of Physics
Session 2024-25
Feedback Form: Lab To School Activity

Name - Diya Chodankar Kamble Class - 8th B
School Name - Sonalwar High School Khanda 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 - 8th B
School Name - Sonalwar High School Khanda 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.

Dr. Ambedkar College, Deekshabhoomi, Nagpur
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Name - Diya Babarao Gajghate Class - 8th B
School Name - Sonalwar High School Khanda Nagpur

- How would you rate your overall experience in the Lab to School program?
☒ Excellent ☐ Good ☐ Average ☐ Needs Improvement
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- 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 Chutkekar Class - 8th B
School Name - Sonalwar High School Khanda 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 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.