Dr. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR
Department of Physics

REPORT ON UG Projects

Name of the Programme : **"UG Projects"**

Date of the Programme : 21/03/2025

Number of Participants : 65

Hosted by : Dept. of Physics

Judges : Mr. Rohan Thaware & Mrs Pritee Dhanwalkar

Objective of the Event

The primary objective of this competition was

1. To encourage practical application of theoretical concepts from the physics curriculum.
2. To develop research skills and promote self-directed learning among students.
3. To enhance teamwork and collaborative project development.
4. To provide students with exposure to model-making and presentation skills.
5. To engage students in meaningful academic activity that contributes to their internal assessment.

The Department of Physics at Dr. Ambedkar College, Deekshabhoomi, Nagpur, successfully organized an undergraduate project presentation for final-year students, focusing on practical application and understanding of syllabus topics. As part of this initiative, students were encouraged to prepare working models related to their subject matter, promoting experiential learning and enhancing conceptual clarity.

Each group of students was assigned a faculty member as their project guide. Under the supervision and mentorship of these guides, the students diligently studied their chosen topics, researched thoroughly, and developed innovative working models. This exercise aimed to integrate theoretical knowledge with practical execution, fostering analytical thinking and teamwork among the students.

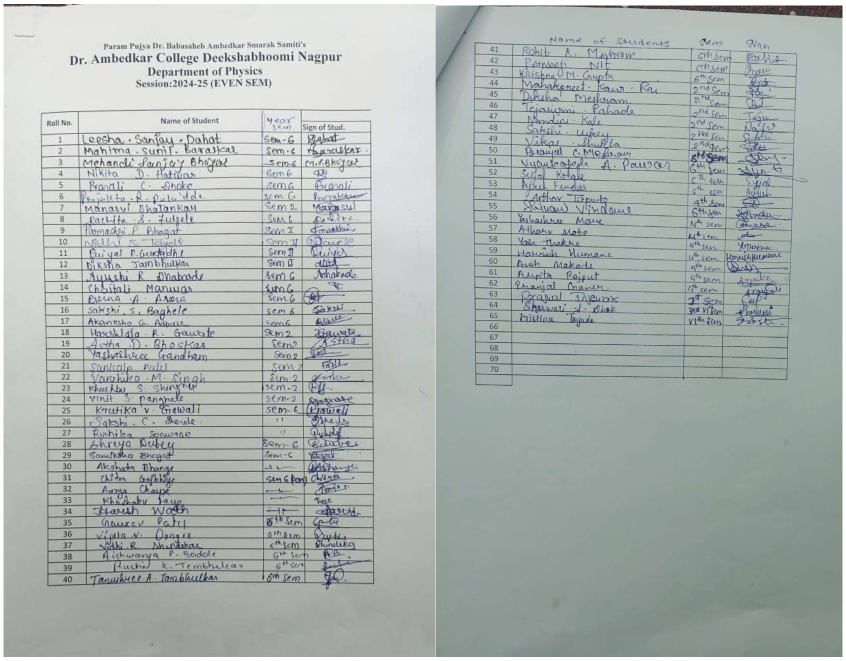
The display and evaluation of the projects were conducted on 21st March 2025. To ensure unbiased assessment and provide expert feedback, external jury members were invited for the valuation process. The jury comprised:

- Mr. Rohan Thaware, Assistant Professor, Department of Biotechnology

- Mrs. Pritee Dhanwalkar, Junior Lecturer, Department of Electronics

The external evaluators critically assessed each project and praised the students for their creativity, effort, and understanding of core concepts. They also provided valuable suggestions for further improvement and encouraged students to continue exploring innovative solutions in the field of physics.

This project presentation was an integral part of the internal assessment process, contributing to the overall academic evaluation of the students.



Param Pujya Dr. Babasaheb Ambedkar Smarak Samiti's
Dr. Ambedkar College Deekshabhoomi Nagpur
Department of Physics
Session:2024-25 (EVEN SEM)

Roll No.	Name of Student	Year Sem	Sign of Stud.
1	Leesha . Sanjay . Dahat	Sem-6	[illegible]
2	Mahima . sunil . Baraskar	Sem-6	[illegible]
3	Mehandi Sanjay Bhojar	Sem-6	[illegible]
4	Nikita D. Hatwar	Sem 6	[illegible]
5	Pranali C. Dhoke	Sem 6	[illegible]
6	Prajakta . R. Pulukdde	Sem 6	[illegible]
7	Manasvi Bhatankar	Sem 2	[illegible]
8	Rachita S. Fulzele	Sem 6	[illegible]
9	Parmashri P. Bhagat	Sem I	[illegible]
10	Nidhi S. Tayade	Sem II	[illegible]
11	Priyal R. Gudadhe	Sem II	[illegible]
12	Diksha Jambhulkar	Sem II	[illegible]
13	Ayushi R Dhabarde	Sem 6	[illegible]
14	Chaitali Manwar	Sem 6	[illegible]
15	Prerna A Arora	Sem 6	[illegible]
16	Sakshi, S, Baghele	Sem 6	[illegible]
17	Akanksha G. Adbale	Sem 6	[illegible]
18	Harshlata R. Gawate	Sem 2	[illegible]
19	Astha D. Bhoskar	Sem 2	[illegible]
20	Yashashree Gandham	Sem 2	[illegible]
21	Sankalp Patil	Sem-2	[illegible]
22	Vanshika M. Singh	Sem 2	[illegible]
23	Khushbu S. Shingne	Sem-2	[illegible]
24	Vinit S. Panghate	Sem-2	[illegible]
25	Krutika V. Gawali	Sem-6	[illegible]
26	Sakshi . C. Sherale	〃	[illegible]
27	Ruchika Sonwane	〃	[illegible]
28	Shreya Dubey	Sem-6	[illegible]
29	Samiksha Bhagat	Sem-6	[illegible]
30	Akshata Bhange	〃	[illegible]
31	Chitra Gajbhiye	Sem 6 (Pom)	[illegible]
32	Aarya Chauze	〃	[illegible]
33	Khushabu Faye	〃	[illegible]
34	Harish Wath	〃	[illegible]
35	Gaurav Patel	6th Sem	[illegible]
36	Vijeta V. Dongre	6th Sem	[illegible]
37	Vidhi R. Shindekar	6th Sem	[illegible]
38	Aishwarya P. Badole	6th Sem	[illegible]
39	Ruchita K. Tembhekar	6th Sem	[illegible]
40	Tanushree A. Tambhulkar	6th Sem	[illegible]

	Name of Students	Sem	Sign
41	Rohit R. Meshram	6th Sem	[illegible]
42	Pransenji Nit	6th Sem	[illegible]
43	Krishna M. Gupta	6th Sem	[illegible]
44	Mahakpreet . Kaur . Rai	2nd Sem	[illegible]
45	Diksha Meshram	2nd Sem	[illegible]
46	Tejaswini . Pahade	2nd Sem	[illegible]
47	Nandini . Kale	2nd Sem	[illegible]
48	Sakshi . Uikey	2nd Sem	[illegible]
49	Vikas . Shukla	2nd Sem	[illegible]
50	Pranjal C. Meshram	6th Sem	[illegible]
51	Vyankatesh A. Pawar	6th Sem	[illegible]
52	Sejal Kohale	6th Sem	[illegible]
53	Ayush Fendar	6th Sem	[illegible]
54	Atharv Tirpude	4th Sem	[illegible]
55	Shivani Vinchurne	6th Sem	[illegible]
56	Yashashree More	4th Sem	[illegible]
57	Atharv Mote	4th Sem	[illegible]
58	Yash Thakre	4th Sem	[illegible]
59	Harrish Humane	4th Sem	[illegible]
60	Ansh Makode	4th Sem	[illegible]
61	Arpita Rajput	4th Sem	[illegible]
62	Pranjal Craner	4th Sem	[illegible]
63	Prajwal Tiwari	1st Sem	[illegible]
64	Shaiwari J. Shak	3rd VI Sem	[illegible]
65	Kristina Tayade	VIth Sem	[illegible]
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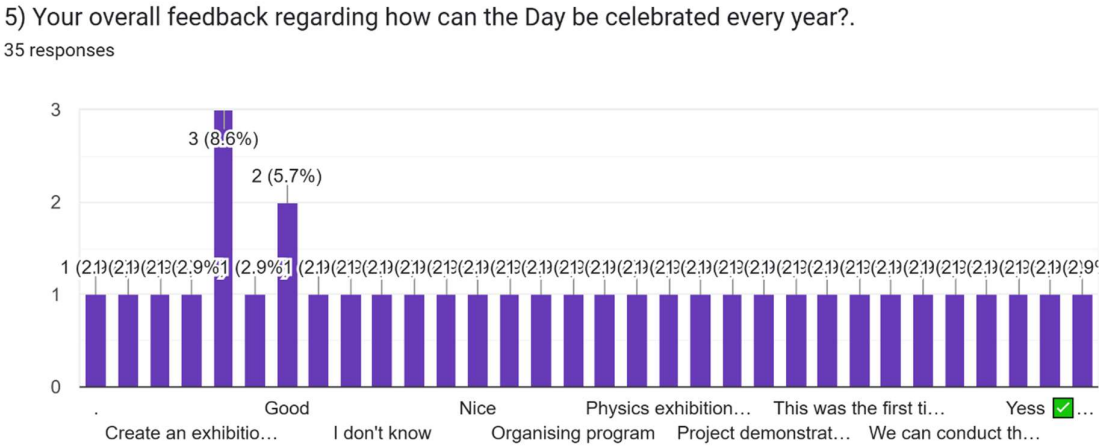
FEEDBACK



Outcomes of the event: The Model Making Competition had a profound impact on the participants and the academic environment of the department. After the enriched experience of project making, students were able to:

1. Students successfully designed and presented functional working models based on syllabus topics.

2. Increased student engagement and deeper understanding of subject matter through hands-on experience.
3. Improved communication and presentation skills as students explained their projects to evaluators.
4. Recognition and appreciation from external jury members boosted student morale.
5. The exercise prepared students for future academic or professional project work, fostering innovation and problem-solving abilities.