

Dr. Ambedkar College, Deekshabhoomi, Nagpur
Department of Chemistry

Report of Experimental Learning Activity: Preparation of Hand Sanitizer

Organized by: Department of Chemistry, Dr. Ambedkar College, Nagpur

Date: 28/08/2024

No. of student participants: 32

The Department of Chemistry at Dr. Ambedkar College, Deekshabhoomi, Nagpur, organized an interactive experimental learning activity on the "Preparation of Hand Sanitizer" to educate students about the scientific principles and practical aspects of creating an effective hygiene product.

The session began by Dr. N. G. Telkapalliwar, who explained the importance of hand sanitizers in maintaining personal hygiene, especially in the context of public health. The students were then guided through the chemical composition of sanitizers, including the role of isopropyl alcohol, hydrogen peroxide, glycerine, and distilled water.

Under the supervision of Dr. N. G. Telkapalliwar and Dr. V. M. Shivankar, students actively participated in preparing hand sanitizers by carefully measuring and mixing the ingredients. Emphasis was placed on maintaining the correct alcohol concentration (70-80%) for effective disinfection. The session also highlighted safety precautions while handling chemicals.

The activity fostered hands-on learning, teamwork, and scientific curiosity among the students. A discussion on the importance of hygiene and the role of chemistry in everyday life concluded the event. The department plans to organize more such practical sessions to enhance student engagement and application-based learning.

Photographs of students



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List of Student Participants

Sr. No.	Name of the Student	Signature
1]	yogesh K. Wkey	<u>Bukey</u>
2]	Tirtha .V. Thakare	<u>Tirtha .V. Thakare</u>
3]	Sonal .C. Shende	<u>Sonal .C. Shende</u>
4]	Nisha . N. Mothe	<u>Nisha</u>
5]	Suhani . K. Wathi	<u>Suhani</u>
6]	Unnati . Pagade	<u>Unnati</u>
7]	Ayush . Jambhule	<u>Ayush</u>
8]	Neha . K. Bomble	<u>Neha</u>
9]	Priyanka . G. Kove	<u>P. G. Kove</u>
10]	Roshni . Anun Borkar	<u>Roshni</u>
11]	Vaishnavi . N. Chaudhari	<u>Vaishnavi</u>
12]	Prashansa . C. Patil	<u>P. C. Patil</u>
13]	Nikitha . Gurnule	<u>Nikitha</u>
14]	Manvi . J. Chachere	<u>Manvi</u>
15]	Urvashi . M. Choudhari	<u>Urvashi</u>
16]	Harshada . L. Gondani	<u>Harshada</u>
17]	Dishita . N. Punwarkar	<u>Dishita</u>
18]	Amisha . R. Patel	<u>Amisha</u>
19]	Charvi . Sonule	<u>Sonule</u>
20]	Dhanashree . C. Adkine	<u>Dadkine</u>
21]	Rutuja . R. Ghughuskar	<u>Rutuja</u>
22]	Dhruv . K. J. Chaudhari	<u>Dhruv</u>
23]	Saachi . P. Kalamkar	<u>Saachi</u>
24]	Prachi . C. Borkar	<u>Prachi</u>
25]	Neha . J. Sisodiya	<u>Neha</u>
26]	Vinay . N. Mavaskar	<u>Vinay</u>
27]	Dheer . D. Hemane	<u>Dheer</u>
28]	Mithrajit . Dasgupta	<u>Mithrajit Dasgupta</u>
29]	Shreejay . S. Burewar	<u>Shreejay</u>
30]	Prigya . Kaware	<u>Prigya</u>
