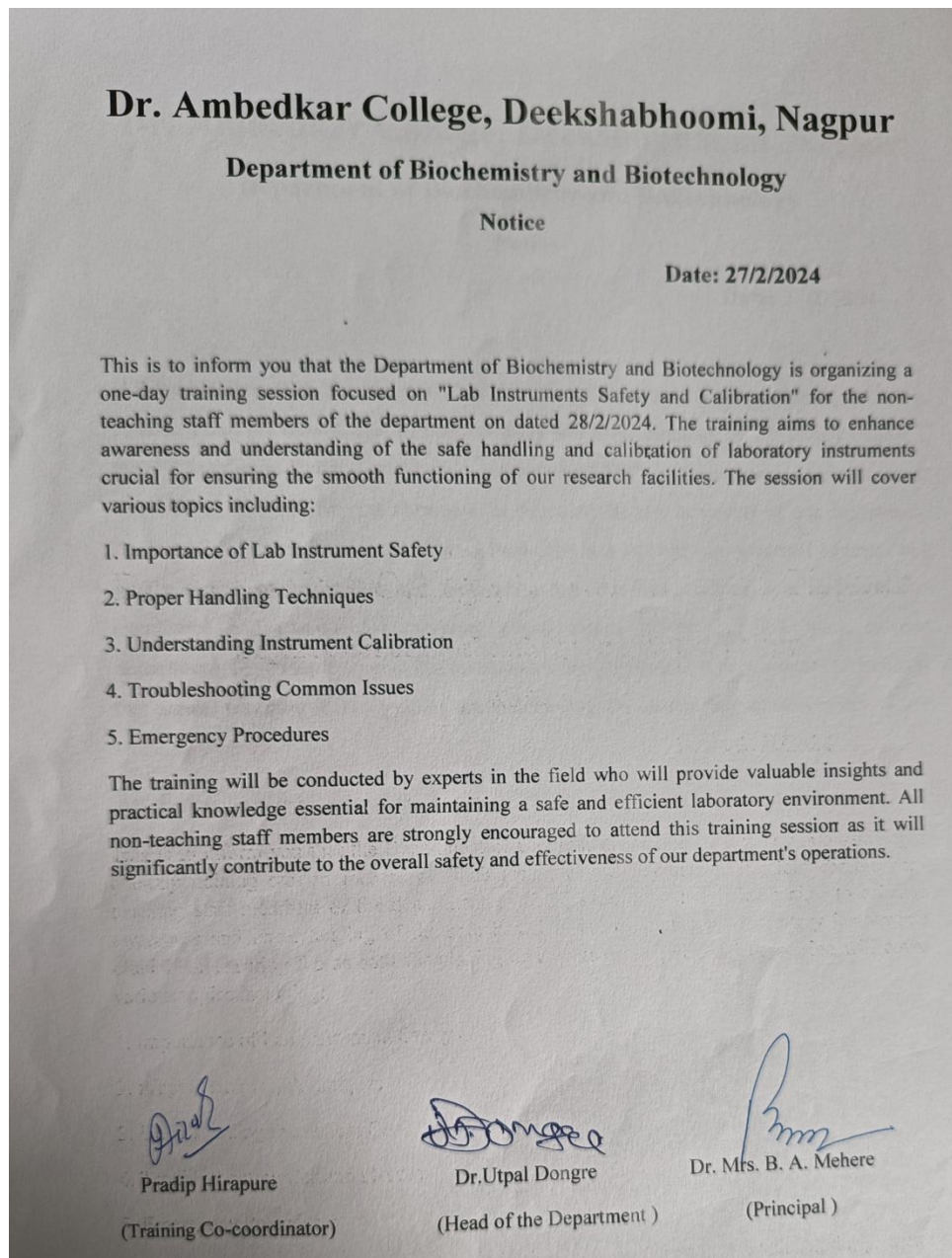


Dr. Ambedkar College, Deekshabhoomi, Nagpur

Department of Biochemistry and Biotechnology

Training Report

Operation Safety and Calibration of Laboratory Equipment



Date: [28/02/2024]

Location: Department of Biochemistry and Biotechnology

Coordinator/Trainer: Pradip Hirapure

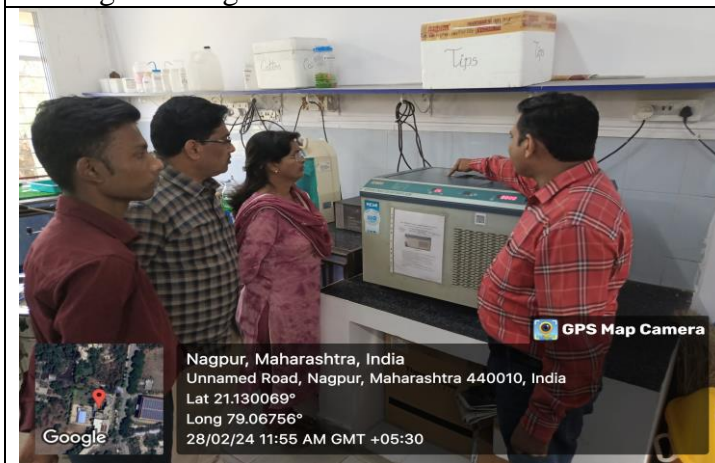
The objective of the one-day training session was to impart knowledge and practical skills to non-teaching staff members regarding the operation safety and calibration of laboratory equipment, specifically focusing on Centrifuge, Refrigerator, and Digital Balance, Micropipettes. The training was attended by All the non-teaching staff members from the department of Biochemistry and Biotechnology. Pradip Hirapure provided a comprehensive overview of the laboratory equipment, emphasizing the importance of their roles in experimental procedures. Each equipment's functions, components, and typical uses were discussed in detail. The Prof. Hirapure highlighted crucial safety protocols that need to be adhered to while operating laboratory equipment. This included proper handling techniques, wearing appropriate personal protective equipment (PPE), and understanding emergency procedures. Detailed demonstrations were conducted on the calibration process for Centrifuge, Refrigerator, and Digital Balance. Participants were guided through step-by-step procedures to ensure accurate measurements and reliable results. Participants engaged in hands-on practical sessions under the supervision of the him. They had the opportunity to operate each equipment, apply safety measures, and practice calibration techniques. This practical experience enhanced their understanding and proficiency. A dedicated question and answer session allowed participants to seek clarification on any doubts or concerns regarding the training content. Pradip Hirapure, Dr. Utpla Dongre, and Dr. BA Mehere actively participated in addressing queries and providing further insights. The one-day training session on operation safety and calibration of laboratory equipment proved to be highly beneficial for the non-teaching staff members. Through theoretical knowledge and practical demonstrations, participants gained valuable skills essential for ensuring the efficient and safe operation of laboratory equipment. The active involvement of the coordinator/trainer, Pradip Hirapure, and the support of HODs Dr. Utpla Dongre and Dr. BA Mehere contributed significantly to the success of the training program. We extend our gratitude to Pradip Hirapure for his expertise and dedication in conducting the training session. Special thanks to Dr. Utpla Dongre and Dr. BA Mehere for their support and encouragement throughout the training program. We also appreciate the active participation of all the attendees, whose enthusiasm contributed to the success of the training initiative.



Prof. Pradip Hirapure explaining the calibration of cooling centrifuge



Prof. Pradip Hirapure explaining the calibration of micropipette and Digital weighing Machine



Prof. Pradip Hirapure explaining the operation and validation of cooling centrifuge



Feedback Form: one day training Operation Safety and Calibration of Laboratory Equipment organized by Dept. Of Biochemistry and Biotechnology, DACN.

please fill this form and give your valuable feedback about the training

1. 1. Full NAME

Rohit V. Bhaissad

2. 2. NAME OF Designation and Department

Lab Attended Biochemists of Biotechnology

3. 3. What was the main reason to participate in this workshop?

Mark only one oval.

- Interested in hearing from the resource persons
- Personally interested in the topic covered
- Professionally interested in the topic covered
- Very new and novel topic for me

4. 4. The Hands on sessions were very useful for me

Mark only one oval.

- strongly agree
- Agree
- Disagree
- Strongly Disagree

5. 5. The topics covered were easy to understand

Mark only one oval.

- strongly agree
- agree
- disagree

6. 6. The topics covered were relevant to me

Mark only one oval.

- strongly agree
- Agree
- disagree

7. 7. knowledge and information gain from this workshop will be useful in my research work

Mark only one oval.

- strongly agree
- Agree
- Disagree

8. 8.what is your overall assessment of this training

Mark only one oval.

- Excellent
- Very good
- Fair
- Poor

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1. 1. Full NAME

Leena Navin Kamble

2. 2. NAME OF Designation and Department

Lab Assistant

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Kamble
(Leena Kamble)

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1. 1. Full NAME

Mr. Avinash chavhan

2. 2. NAME OF Designation and Department

Lab. Attendant at Dept. of Biochemistry and Biotechnology

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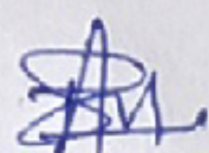
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(A.S. Chavhan)

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1. 1. Full NAME

Ms. Vishwanath Bhaire

2. 2. NAME OF Designation and Department

Lab Attendant - Biotechnology & Biochemistry dept.

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