

**DR. AMBEDKAR COLLEGE**  
**DEEKSHABHOOMI, NAGPUR-10**

Name of the Programm : **Hands on training towards awareness of  
experiments and repairing of instruments.**

Date of the Programme : 17/08/2023

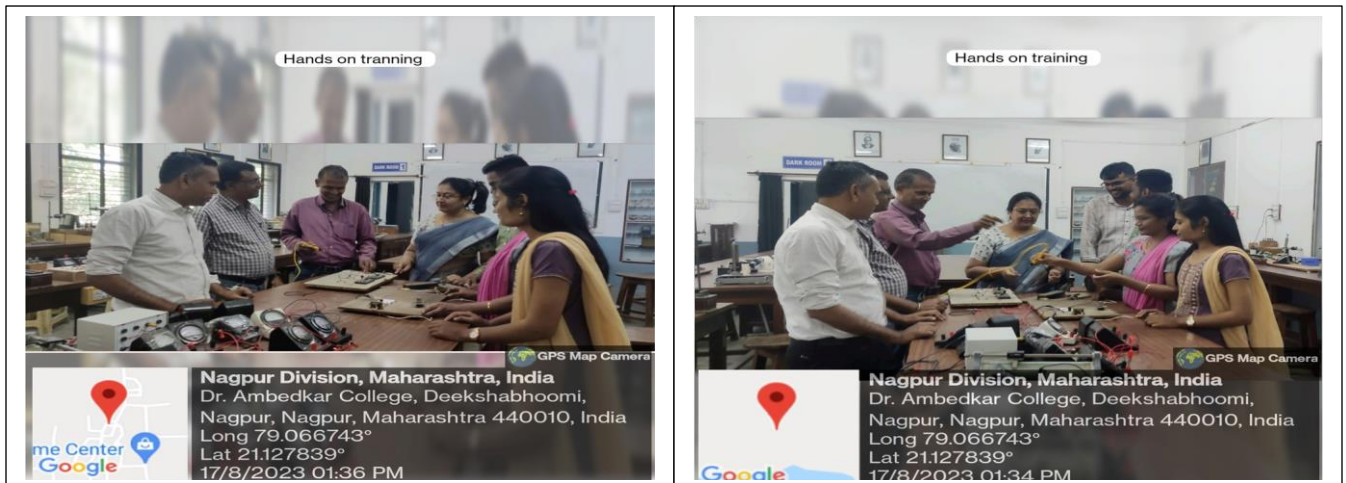
Number of Participants : 10

Hosted by : **Department of Physics**

**Workshop for Non-teaching staff  
On  
“Hands on training towards awareness of experiments and  
repairing of instruments”  
Session (2023-24)**

A workshop for non-teaching staff on “**Technical awareness of experiments and repairing of instruments**” was conducted in the department of Physics on 17<sup>th</sup> August 2023. The workshop was formally inaugurated at the hands of Dr. A. N. Wazalwar, Head of the Department, Department of Physics. All the teaching and non-teaching staff members were present on this occasion. Instruments were sorted for which repairing was required as they were not in working condition. Meters were tested whether they were in working conditions. Instruments were calibrated as they were not in use. Continuity of the probes needs to be tested. Training was imparted to the non-teaching staff members regarding this. Construction of LCR Bridge and RC circuit, rectifiers was demonstrated to the non-teaching staff members. Fault finding of power supplies was also demonstrated to the non-teaching. Precautions need to be taken while handling the electrical appliances was also demonstrated. The aim of the workshop was to make all the technical staff of the department aware of all the experiments which are to be performed by the students of B.Sc. classes during their practical hours.

The non-teaching staff were given the basic knowledge about the experiments like apparatus required, maintenance of the circuit boards, instruments, batteries, transformers, resistance boxes, oscillators, multimeters, soldering method etc. They were also informed about to instruments in the department like Cathode-ray Oscilloscope (CRO),  $e/m$  by Thomson’s method, Spectrometer, Travelling microscopes, Power supplies. The staff members strived hard for the success of the workshop.



## Feedback

4) What do you learn from the workshop? 2 responses

Repairs and maintenance of laboratory instruments

Gained new ideas and processes. Learned knowledge and passed knowledge to others.

5) Do you feel such training programs are important for your development? Why? 2 responses

Yes. Our knowledge gets updated in every training program.

Yes, Training programs are critical to health development and success

6) What other workshops/training programs do you want the department to organize for you? 2 responses

Computer courses

departmental apparatus workshop and apparatus maintenance process and apparatus repairing

7) Your suggestions to organize such training programs. 2 responses

Hire the experts

Such training programs should be organized as it helps to increase your knowledge

0 responses

No responses yet for this question.

0 responses

No responses yet for this question.