

CMR TECHNICAL CAMPUS

UGC AUTONOMOUS





DEPARTMENT OF HUMANITIES AND SCIENCES

REPORT

The Department of Humanities and Sciences conducted "Project Expo" as a self-driven activity associated with Institution's Innovation Council (IIC 6.0), Ministry of Education (MOE's), Govt. of India.

Project Expo is the platform which helps to unleash the potential of our students. The main objective of the program is to bring out the students innovation .

1. Objective of the Program

- > Improve their innovative spirit
- ➤ It makes the transformation of theoretical knowledge into applications.
- ➤ It enriches the knowledge of renewing technologies .Boosts curiosity of learning
- > Improves team management and problem-solving skills

2. Benefits /Outcome of the Program

- ➤ Develop professionals having good skills, self-learning ability and confidence to support and contribute to the growth of relevant industries. This provides opportunity for the students to demonstrate their learning experience
- > Students exhibited some projects like Gyroscope, Generating energy from roads using Piezo electric plate, Solar car Li-Fi technology, Clap switch, Automatic street light system, Lava Lamp etc.
 - (a)Students showcased Gyroscope

A gyroscope is a device with a spinning disc or wheel mechanism that harnesses the principle of conservation of angular momentum: the tendency for the spin of a system to remain constant unless subjected to external torque.

(b)Exhbit clap switch project

Clap Switch is a basic electronics mini-project, made with the help of the basic components. Clap Switch has the ability to turn ON/OFF any electrical component or circuit by the clap sound. We will use two basic clap switch circuit diagrams (c)Did the experiment on Lava Lamp . When enough bubbles , the water -and-remaining gas becomes more dence than the oil. So the ball of water sinks down through the oil and

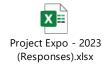
joins the rest of the water. Changes in density as gas is added to or taken away from water cause it ti float uo and sink down through the oil. Thus the lamp is created.

3. Date: 27 -12-2023

4. Registration link: https://forms.gle/RD2fy1opkXFMWTbL6

5. Student Participants number : 96

6. Participants list:



7. Faculty Participants number: 08

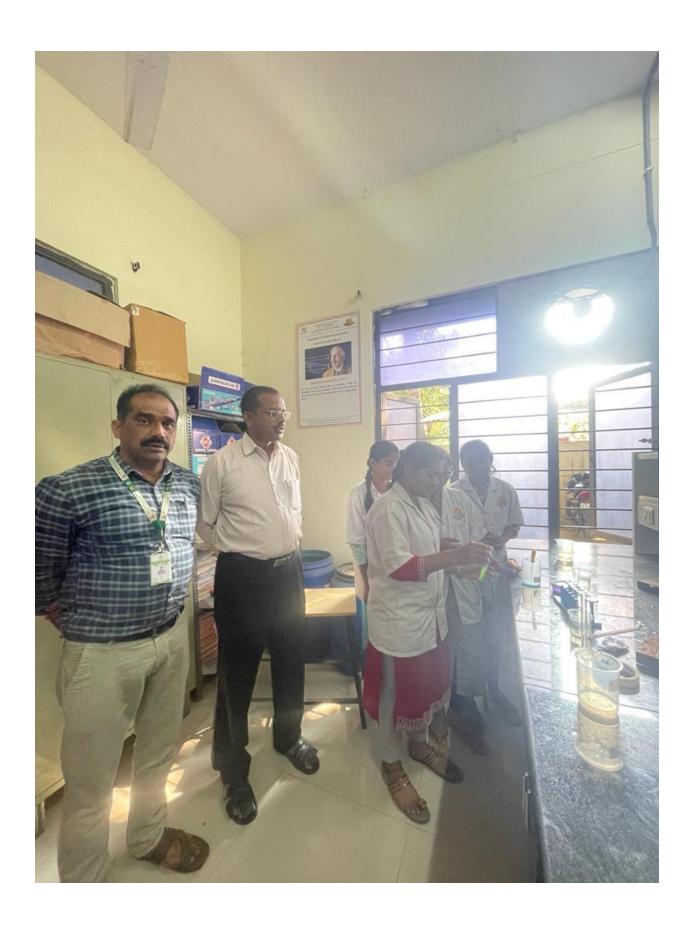
6.Photographs

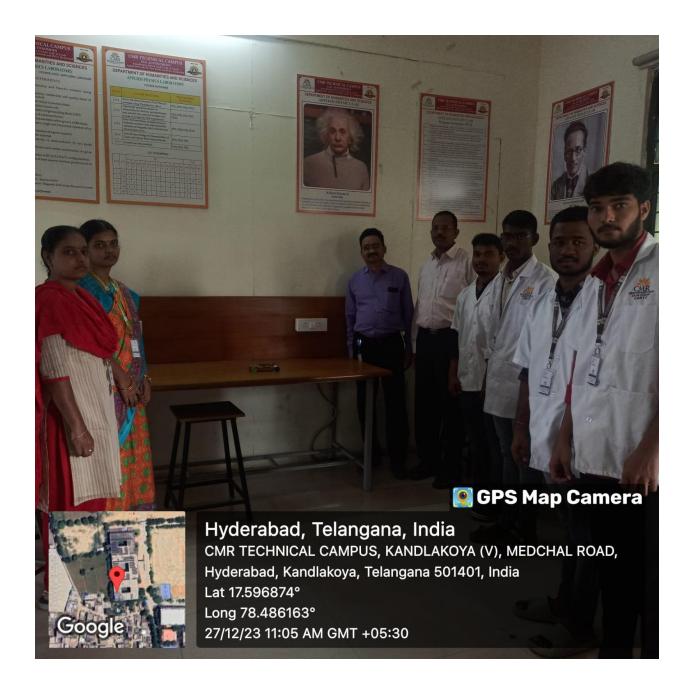












7. Poster:

