



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)Exhibit 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 dense 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 to float up 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 :



Project Expo - 2023
(Responses).xlsx

7. Faculty Participants number: 08

6. Photographs



Hyderabad,TG,India
Kandlakoya, Hyderabad, 501401, TG, India
Lat 17.596594, Long 78.486369
12/27/2023 01:29 PM GMT+05:30
Note : Captured by GPS Map Camera



Hyderabad,TG,India
Kandlakoya, Hyderabad, 501401, TG, India
Lat 17.596596, Long 78.486329
12/27/2023 01:39 PM GMT+05:30
Note : Captured by GPS Map Camera



 **GPS Map Camera**



Hyderabad, Telangana, India
CMR TECHNICAL CAMPUS, KANDLAKOYA (V), MEDCHAL ROAD,
Hyderabad, Kandlakoya, Telangana 501401, India
Lat 17.596874°
Long 78.486163°
27/12/23 11:01 AM GMT +05:30



 **GPS Map Camera**



Hyderabad, Telangana, India
MECHANICAL BLOCK, CMR COLLEGE TECHNICAL CAMPUS,
Kandlakoya, Hyderabad, Telangana 501401, India
Lat 17.596718°
Long 78.486184°
27/12/23 10:57 AM GMT +05:30





 **GPS Map Camera**



Hyderabad, Telangana, India
CMR TECHNICAL CAMPUS, KANDLAKOYA (V), MEDCHAL ROAD,
Hyderabad, Kandlakoya, Telangana 501401, India
 Lat 17.596874°
 Long 78.486163°
 27/12/23 11:05 AM GMT +05:30

7. Poster :



CMR TECHNICAL CAMPUS

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APPROVED BY AICTE, NEW DELHI AND JNTU, HYDERABAD
KANDLAKOYA(V), MEDCHAL RD, HYDERABAD, TELANGANA 501401



IIC 6.0 – Department of H&S

Organizing

PROJECT EXPO

Date : 27/12/2023

Venue : CMRTC

Registration Link : <https://forms.gle/RD2fy1opkXFMWTbl6>

Dr . T. Lakshmi
Co Ordinator, IIC , CMRTC

Dr. Sudha Arvind
Convener, IIC , CMRTC

Dr. V.Kesava Reddy
HOD, H&S, CMRTC

Dr. K.Srujan Raju
Vice-President, IIC , CMRTC

Dr.M.Ahmed Ali Biig
President IIC , CMRTC

Dr . A. Raji Reddy
Director , CMRTC

