



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

CENTRE FOR ENGINEERING EDUCATION RESEARCH **LIST OF EVENTS CONDUCTED/PARTICIPATED BY CEER**

A.Year-2023-2024

90. Workshop program on Arduino Programming and its Applications **(Engineering Exploration & Practice)**

7th to 17th June 2023

Event Title: 2-Day Workshop program on Arduino Programming and its Applications

Dates: 7th – 17th June 2023

Event Coordinator: Mr. B Suresh Ram, Assoc Prof

Organized by: Mr. B.Balakrishna, Asst Prof

Number of Students attended 1236

Number of Faculty attended 17

Content Covered

Day-1:

List of Arduino Programs

Tinkarcad:

- Controlling LED using 5v power supply.
- Controlling Dc Motor using 5v power supply.

Arduino Programs

1. Interfacing Arduino with LED (Blinking) .
2. Interfacing Arduino with LED (Blinking) –controlled by switch.



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

3. Intensity variation of LED using Potentiometer.

Day-2:

4. Interfacing Arduino with DC Motor.
5. Interfacing Arduino with LDR.
6. Interfacing Arduino with Temperature Sensor.
7. Interfacing Arduino with Infrared Sensor (IR).
8. Interfacing Arduino with Ultra Sonic Sensor
9. Interfacing Arduino with LCD (16x2).

Event Report:

The Event titled- “2-Day Workshop program on Arduino Programming and its Applications for I-B.Tech students, conducted by Centre for Engineering Educational Research CMRCET. Activity was held in offline mode. The exhibition was held on 7th and 17th June 2023 in the college campus. This Workshop program on Arduino Programming and its Applications was really an informative to students and they done overall 11-experiments in couple of days of workshop. They learned about Basics of electricity and platform based development such as Arduino and its applications to solve the problem in real time applications. Meanwhile they learned how to interface Arduino with actuators and transducers. In this event, various aspects like professional skills, multi disciplinary skills, Technical skills and project management skills helps students to solve their personal and professional problems..

List of Faculty Participants

Sl.No	Faculty Name	Email Id
1	Mr.B Suresh Ram	bsureshram@cmrcet.ac.in
2	Mr.G. Karthik Reddy	gandhari.karthik@cmrcet.ac.in
3	Mrs.Ch. Neelima	chneelima@cmrcet.ac.in
4	Ms.B. Archana	archana.prakash@cmrcet.ac.in
5	Mr.K. Sathish	kayyamsathish@cmrcet.ac.in
6	Mr.P. Mahesh Babu	mahesh@cmrcet.ac.in
7	Ms. Asma	asma@cmrcet.ac.in
8	Mr. B Venkateshwar Rao	bvenkateshwarrao@cmrcet.ac.in
9	Mr. K Raju	kraju@cmrcet.ac.in
10	Mr. B Balakrishna	bbalakrishna@cmrcet.ac.in
11	Mr.K.Ravinaik	kravikiran@cmrcet.ac.in
12	Mr.S.Suresh	s.suresh@cmrcet.ac.in
13	Mrs.B.Shirisha	bshirisha@cmrcet.ac.in
14	Mrs.R,Sathiyakala	r.sathiyakala@cmrcet.ac.in
15	Mr.B.Kondalu	b.kondalu@cmrcet.ac.in
16	Mr.G.Sunil Kumar	g.sunilkumar@cmrcet.ac.in
17	Ms.B.Akhila	b.akhila@cmrcet.ac.in

EVENT PHOTOS











91. Yoga for youth

Samskruthi Foundation organized **Yoga for Youth** to the students of **CMR College of Engineering & Technology** in association with **CEER** under the guidance of **Mr. B. Suresh Ram** (HOD CEER). The Yoga for Youth program was held on 23/06/2023 in the college premises at Yoga Center at Block-III. A team of six members visited to the college along with the **yoga trainer Kusuma Salva**, On behalf of Samskruti Foundation Mrs. P. Neerada Krishna, Lt.Col (retd.) have attended the program along with two coordinators participated, Mr. Madhukar & Mr.TuljaRam The students enthusiastically participated in the yoga program and the student count was more than 80 and the session was held for more than 2 hours.

P. Neerada Krishna, Lt.Col(retd.) gave a brief introduction about Samskruti Foundation, what are the programs were taken up and conducted in various colleges in Hyderabad & Telangana, then the session was handed over to yoga trainer Kusuma Salva. She started the session explaining what the importance of yoga & why we need to practice yoga daily and what are the benefits we achieve by practicing yoga in our daily life. **Mrs G.Sampada** helped the students in practicing yoga in the right way like making the students to follow the correct postures while practicing different asanas, Then Kusuma Salva started with the Pranayamam,

breathing and holding breath exercises and some of the asanas like vajrasana, padahasthana and suryanamaskar ect were made to practice with the students. Finally some students interacted and expressed their views with the participants and promised that they do yoga daily.

The main outcome of this yoga session was to help the students to practice yoga daily on regular basis, this helps the students free from stress and improves their concentration level and focus towards studies or any particular work they do and also improve their health to be fit & healthy and overcome any kind of situations in their life easily. Finally the session was concluded by yoga trainer Kusuma Salva & G. Sampada. Then **DR. K. Vijay Kumar, Dean Academics of CMR College of Engineering & Technology** interacted with the students and had given a small speech to the students to practice yoga daily on regular basis, this helps them to be free from stress and will make us fit & healthy and finally thanked the yoga trainer kusuma Salva & G. Sampada and Samskruti Foundation as well and presented a memento to the Kusuma Salva.

DR. K. Vijay Kumar, Dean Academics presenting a memento to **Yoga Trainer Kusuma Salva**



CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)
Accredited by NAAC with 'A+' Grade



Samskruti Foundation
Our Culture, Our Identity

YOGA for YOUTH
on
23/06/2023
Venue: Yoga Center, I Floor, Block-III
Organized By
Centre for Engineering Education Research (CEER)





92. Donation of Logistics to school.

Street Cause of CMR College of Engineering & Technology in association with Street Cause St. Ann's conducted a survey in Yadadri Bhuvanagiri (Dist), Bommala Ramaram (M) on 17/09/2022 and they noticed that one of the ZPHS school in Thimmapur village is running lack of resources and basic needs. The survey was taken up by **Spurthi Reddy (HR & Vice President)** and **Shravani Goud (Vice President)**, and then Street Cause of CMRCET came forward to take up this project so as to donate some important necessities which will help them to meet the needs of students ZPHS Thimmapur (Vill). This was brought to the notice of the **CMR College of Engineering & Technology** Principal **Major Dr. V. A. Narayana** by **Mr. B Suresh Ram (HOD CEER)** and briefed about the survey they conducted and identified one of the school ZPHS Thimmapur is lacking basic resources. Then Principal permitted the **Street Cause of CMR College of Engineering & Technology** club members to donate the logistics to the school ZPHS Thimmapur.

Zilla Parishad High School (ZPHS), is a Co-ed with a strength of 230 students located at Thimmapur, In Yadhadri Bhuvanagiri district of Telangana, India. It is owned and operated by the Local Body. This school

doesn't have basic facilities like Benches, Electricity, Fans and so forth. Due to lack of facilities in the school students are facing problems. Since there are no benches, while it rains the students to take a seat on the wet ground. The boys and the girls need to use the same washroom and there maybe no proper supply of water. In this sort of case Harmful germs and bacteria are very not unusual in Washroom environments and it is unhygienic .In reality, washroom hygiene can result in good health for students. And a lot of infrastructure requires improvement like repair works and electricity in the school due to lights, fans or essential electrical circuits that needed fixing. Street Cause St.Anns wishes to take up this project so as to donate some important necessities which will help them to meet the needs of students.

Street Cause of CMR College of Engineering & Technology donated the following logistics to ZPHS Thimmapur(Vill), Bommala Ramaram (M), Yadadri Bhuvanagiri (Dist) on 25/06/2023. This was reported by different print media like Namasthe Telanagana, Eenadu, Sakshi, Vartha ect at district level.

S.No	Logistics	Quantity
1	Benches	60
2	Tables	02
3	Water tank(500 lits)	01
4	Black board paint	01
5	Dustbins	05

The outcome of this donation is to help the society and benefit the students of ZPHS Thimmapur(Vill), Bommala Ramaram (M), Yadadri Bhuvanagiri (Dist), **Street Cause of CMR College of Engineering & Technology** always comes forward to help benefit of the students and society as well.

CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)
Accredited by NAAC with 'A+' Grade


CENTRE FOR ENGINEERING EDUCATION RESEARCH

MATERIAL DONATION PROGRAMME
ZPHS School
Thimmapur village, Bommalaramaram mandal,
Yadadri-Bhuvanagiri

25/06/2023
Jointly Organized By


street
cause
WE CARE

**STREET CAUSE - CMRCET &
CENTRE FOR ENGINEERING EDUCATION RESEARCH**

వార్త

డిస్క బెంచ్లు అందించిన స్టీట్ కాజ్ సంస్థ

బొమ్మలరామారం, ప్రభాతవార్త :

మండలంలోని తిమ్మాపూర్ జిల్లా పరిషత్ ఉన్నత పాఠశాల విద్యార్థులకు ఆదివారం స్టీట్ కాజ్ సంస్థ ప్రతినిధులు సెంట్ ఆఫ్స్ కాలేజీ మెహిదీపట్నం, సీమర్ ఇంజనీరింగ్ కాలేజీ మేడ్చల్ వారు 60 డెస్క్ బెంచీలు, 1000 లీటర్ల మంచినీటి ట్యాంకు మొదలగు వస్తువులను విరాళంగా అందించారు. ఆనంతరం వారు మాట్లాడుతూ .. విద్యార్థులు మంచి విద్యను అభ్యసించాలనే ఉద్దేశ్యంతో విద్యార్థులకు ఎలాంటి ఇబ్బందులు కలగకూడదని డెస్క్ బెంచీలను అందించినట్లు తెలిపారు. విద్యార్థులు ఉన్నత విద్యను అభ్యసించి మంచి ఉత్తీర్ణత సాధించాలని సూచించారు. ఈ కార్యక్రమంలో సంస్థ ప్రతినిధులు రిషిక్ స్పూర్తి, శ్రావణి, రిషికేష్, సోహెల్, హిమజులత్



పాటు 15 మంది సభ్యులు, గ్రామపెద్దలు పెల్ల కృష్ణగౌడ్ పాఠశాల చైర్మన్ శ్రీనివాసనాయక్, తాడూరి రాజు, ఉపాధ్యాయులు శ్రీహరి అయ్యంగార్, సంధ్య, నియంత తదితరులు పాల్గొన్నారు.

**93.WORKSHOP ON ORGANIZE AN INTRA INSTITUTIONAL BUSINESS PLAN
COMPETITION AND REWARD BEST INNOVATIONS-MANAGE THROUGH
YUKTI-NIR**

**Event Title: Organize an Intra Institutional Business Plan Competition and Reward Best Innovations-
Manage through YUKTI-NIR**

Dates: 7th – 8th June 2023

Event Coordinator: Mr. B Suresh Ram, Assoc Prof

Organized by: Mr. K. Sathish, Asst Prof, Mr. B.Balakrishna, Asst Prof

Number of Students attended : 125

Number of Faculty attended : 17

Event Report:

The Event titled- “Organize an Intra Institutional Business Plan Competition and Reward Best Innovations-
Manage through YUKTI-NIR” conducted by Centre for Engineering Education Research, CMRCET and Organized by Centre for innovation and Entrepreneurship (CIE) and MoE Institute Innovation Cell, government of India. This event is conducted under Centre for innovation and Entrepreneurship (CIE). This event is organized on 7th – 8th June 2023 through offline mode.

Around 42 student teams presented their Business models. The students were mentored on innovation and how the projects and business model can be used to develop the startup and mentorship support. Many students along with various guests attended the competition.

Objectives of work shop:

- To encourage the students from different branches to develop a business concept, undertake research to determine feasibility and write a business plan to document their work and plans.
- To create opportunities for aspiring young entrepreneurs to experience the hard work required to do research, plan and launch a business, and thus develop their entrepreneurial skills.
- To provide students a forum outside the classroom where they can develop skills in “pitching” their business ideas to wealth providers and entrepreneurs and to receive constructive feedback – increasing the probability of the success of their venture.



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

- To obtain a sense of responsibility for the multi-disciplinary nature of management. To gain confidence and enjoyment from involvement in the dynamic management culture.
- To provide students guidance related to entrepreneurship development and trends happening in the corporate world.
- To achieve best practice in the development of corporate gathering.

The students need to develop the Empathy based the person for the right idea and then communicate with the person who faces the problem and define the issue with the sequence of steps.

Students from different branches enhanced their entrepreneurial skills. Student's entrepreneurial essence & skills were fostered. Students showcased their ideas in several magnitudes by creating & developing new ventures. Students learnt the ways of dealing with business uncertainties. Students gained theoretical and practical knowledge from other part.

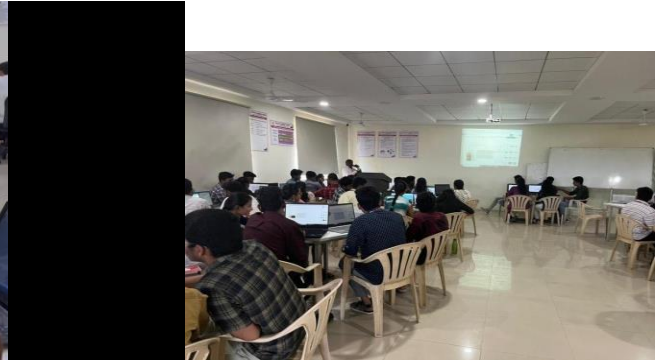
This workshop was to provide the introductory knowledge of the projects and provide an opportunity for the students to establish their learning experience. 42 teams had participated in this event. They had represented their innovative ideas through posters and models.

This Workshop on Exhibition of Business Plans & Linkage with innovation Ambassador for Mentorship Support-Manage through YUKTI –NIR in Start Educational Institutions was really an informative to the faculty and students. In this event, various aspects like professional skills, multi disciplinary skills, Technical skills and project management skills helps students to solve their personal and professional problems to start startups.

At the end vote of thanks by **Md.Asma, Asst Prof**

Event Photo:

Day-1:



Day-2:







List of Faculty Participants		
Sl.No	Faculty Name	Email Id
1	Mr.B Suresh Ram	bsureshram@cmrcet.ac.in
2	Mr.G. Karthik Reddy	gandhari.karthik@cmrcet.ac.in
3	Mrs.Ch. Neelima	chneelima@cmrcet.ac.in
4	Ms.B. Archana	archana.prakash@cmrcet.ac.in
5	Mr.K. Sathish	kayyamsathish@cmrcet.ac.in
6	Mr.P. Mahesh Babu	mahesh@cmrcet.ac.in
7	Ms. Asma	asma@cmrcet.ac.in
8	Mr. B Venkateshwar Rao	bvenkateshwarrao@cmrcet.ac.in
9	Mr. K Raju	kraju@cmrcet.ac.in
10	Mr. B Balakrishna	bbalakrishna@cmrcet.ac.in
11	Mr.K.Ravinaik	kravikiran@cmrcet.ac.in
12	Mr.S.Suresh	s.suresh@cmrcet.ac.in
13	Mrs.B.Shirisha	bshirisha@cmrcet.ac.in
14	Mrs.R,Sathiyakala	r.sathiyakala@cmrcet.ac.in
15	Mr.B.kondalu	b.kondalu@cmrcet.ac.in
16	Mr.G.Sunil kumar	g.sunilkumar@cmrcet.ac.in
17	Ms.B.Akhila	b.akhila@cmrcet.ac.in

List of Student Participants

SL.NO	ROLL NO	Name	TEAM NO	PROJECT TITLE
1	22H51A04K9	B.Yukta	1	WATER LEAKAGE DETECTING IN PIPE LINES
2	22H51A04P0	K.Sree Samyuktha		
3	22H51A04R0	R.Prabhu Teja		
4	22H51A04R4	Shaik.Shanawaz		
5	22H51A04R8	Yogesh		
6	22H51A04M3	Bhargavi	2	PORTABLE HUMIDIFIER
7	22H51A04M7	Mahesh G		
8	22H51A04N3	Vishnu vardhan		
9	22H51A04Q6	Supriya		
10	22H51A04T2	Sumanth	3	COOLING CAP
11	22H51A04N6	K.Vaishnavi		
12	22H51A04Q5	P.Avinas		
13	22H51A04R3	Sk.nabi		
14	22H51A04P3	M.Likhitha		
15	22H51A04M2	CH.PRANEETH		
16	22H51A04M1	Ch.Sathwik	4	SMART PARKING SYSTEM
17	22H51A04M4	D.Akshaya		
18	22H51A04M8	G.Moksha		
19	22H51A04Q8	P.Venkatesh		
20	22H51A04Q9	R.Sampath	5	SMART PLANT CARE SYSTEM
21	22H51A04N0	J.KUSUMA PRIYA		
22	22H51A04N1	J VAISHNAVI		
23	22H51A04P1	SONTOSH		
24	22H51A04Q4	PAVAN KUMAR		

25	22H51A04T0	GANESH		
26	22H51A04T1	T.Yashwanth		
27	22H51A04Q1	N.Abhilash		
28	22H51A04N2	Venkatesh	6	ROPA FOLDING MACHINE
29	22H51A04T3	Sneha		
30	22H51A04T4	Mahima		
31	22H51A04T7	Zeeshan Saeed		
32	22H51A04M5	D.Shravani		
33	22H51A04N4	K.Harish Kumar	7	STOCK SHORTAGE ALERTING SYSTEM
34	22H51A04P2	M.Sai Sathvik Reddy		
35	22H51A04Q0	N.Varshitha		
36	22H51A04T5	V.Sai Kumar		
37	22H51A04K4	SUNSITHA	8	MACHINE OVER HEAT DETECTION ALERT
38	22H51A04Q7	BHARATH		
39	22H51A04R2	HARISH		
40	22H51A04R5	SHARIF		
41	22H51A04R9	SWATHI		
42	22H51A04N1	ANULATHA	9	MOTOR SPEED CONTROLLER
43	22H51A04N5	rudhira		
44	22H51A04M6	JOHN PETER		
45	22H51A04P7	karthikeya		
46	22H51A04R1	yogi		
47	22H51A04K8	A.Sridivya	10	LPG MONITORING SYSTEM
48	22H51A04R7	S.Harshitha		
49	22H51A04Q3	N.Vikas		
50	22H51A04R6	S.Bhanu		
51	22H51A04P9	M.Achyuth Reddy	11	AUTOMATIC ELECTRIC METER READING AND
52	22H51A04K7	A.SIDDU		

53	22H51A04N7	K.BHAVITHA	12	ALERTING SYSTEM	
54	22H51A04N9	K.SRIRAM			
55	22H51A04P8	M.KARTHIK			
56	22H51A04Q2	N.BHARGAVI			
57	22H51A04P4	MD .Shoyab Akhil			
58	22H51A04K6	A siddhu			
59	22H51A04T6	V VARUN		13	SMART SHOE
60	22H51A04K5	AISHWARYA			
61	22H51A04M0	B.AJAY KUMAR			
62	22H51A04N8	D.Mitra			

63	A RAMAKRISHNA	14	SMART & PORTABLE DESKTOP TABLE
64	A VARALAXMI		
65	D SURYA TEJA		
66	G ARTHI		
67	P SAISHARAN		
68	D.RAKESH	15	Railway Gate Safety System with Deployable Spike Obstacle
69	K.BALAJI YASWANTH		
70	K. SARVESH		
71	D.DIVYA		
72	I.ANUSHREE		
73	ASHWITHA.G	16	Automatic Window Roller Blinds.
74	K.PRANAY		
75	ANANT.G		
76	REBBA HEMANTH		
77	E.SRI TRISHA		
78	N.SOMASEKHAR	17	SMART CAP
79	P.KAVYA		
80	V.BALAJI		
81	S.SUPREETH		
82	K.ADHITHI		
83	B.AKSHAYA REDDY	18	SMART ATTIRE TABLE
84	B.JANAVI		
85	D.SHARATH CHANDRA		
86	A.SAI CHARAN		
87	V.BALA PRASHANTH REDDY		
88	P.VIGNESH	19	bolts and nut separation
89	K.AKANKSHA		
90	K.DEEKSHA		
91	K.KESHAW		
92	M.STEPHEN		
93	N.MOUNIKA	20	SMART ASTHAMA ALERT BAND
94	N.LENIN		
95	C.AKANKSHA		
96	M.DHARSHINI		
97	P.SHUSHANTH		
98	R.DEEKSHITH	21	SMART WHISTLE COUNTER FOR PRESSURE COOKER
99	Y.RAMAKRISHNA		
100	J. JESSE SHARON		
101	K. SAI KIRAN		
102	P. RAHUL		
103	P. KRODHAN	22	FEEL ME PLANT
104	P. VIKAAASHITHA		
105	G KENCY HADASSAH		
106	S.SHREE NIHARIKA		
107	JAGANNADH ADITYA		
108	J MANOJ KUMAR	23	WATER LEVEL

109	D.NAVADEEP		MONITORING SYSTEM
110	V.SREEDHAR		
111	CH.SRAVANKUMAR		
112	SANIYA		
113	G.THRIVENI	24	KEYBOARD CLEANER
114	G.UDESH		
115	K.AASHRITHA		
116	T.RESHMITHA		
117	D.ROHAN	25	SMART ATTIRE TABLE
118	K HARI KRISHNA		
119	M.SAI KIRAN		
120	R.ROHAN		
121	A RAMAKRISHNA		
122	A VARALAXMI		
123	D SURYA TEJA	26	bolts and nut separation
124	G ARTHI		
125	P SAISHARAN		
126	D.RAKESH		
127	K.BALAJI YASWANTH		
128	K. SARVESH	27	SMART TAP
129	D.DIVYA		
130	I.ANUSHREE		
131	ASHWITHA.G		
132	K.PRANAY		
133	ANANT.G	28	SMART ASTHAMA ALERT BAND
134	REBBA HEMANTH		
135	E.SRI TRISHA		
136	N.SOMASEKHAR		
137	P.KAVYA		
138	B.AKSHAYA REDDY	29	SMART WHISTLE COUNTER FOR PRESSURE COOKER
139	B.JANAVI		
140	D.SHARATH CHANDRA		
141	A.SAI CHARAN		
142	V.BALA PRASHANTH REDDY		
143	P.VIGNESH	30	FEEL ME PLANT
144	K.AKANKSHA		
145	K.DEEKSHA		
146	K.KESHAW		
147	M.STEPHEN		



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

|



94.Educational Field Trip to Senior Secondary Students

CEER organized an **Educational Field Trip** to the students of **CMR International School** under the guidance of **Mr. B. Suresh Ram** (HOD CEER). The Educational Field Trip to Senior Secondary Students was held on **08-07-2023** in the seminar hall at Block-I. The **Principal Major Dr.V.A. Narayana** of CMR CET gave a wonderful speech to the students about the importance of the various branches in Engineering. And how to utilize resources in the labs and enhance their skills for industrial growth. The students enthusiastically participated in the program.

The main objective of this program is to briefly explain about the working procedure of the SOLAR Panels which were fitted at Block -1 terrace, and the students very curiously listen and observed about the SOLAR panels working nature. And they visited our CMR CET college laboratories like CEER,CIVIL,MECHANICAL,EEE, ECE the respective faculty guided them to visit all the labs and the lab faculty gave an excellent lecture to the students about the projects which were developed by our college students under the guidance of CMR CET faculties.

After visiting all the laboratories they gathered at Block 1 Seminar hall and they shared a good feedback about the college hospitality and what they learnt from this Educational Field Trip.

Then finally Mr.B. Suresh Ram (HOD CEER) concluded the session.



CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous)
Kandlakoya, Medchal, Hyderabad-501401

CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)



Accredited by NAAC with 'A+' Grade



Educational Field Trip
to Senior Secondary Students

On

08/07/2023

Organized By

CENTRE FOR ENGINEERING EDUCATION RESEARCH

Photographs









Outcome of this Educational Field Trip:

This field trip arranged to the CMR International School students with an objective of providing students functional opportunity in different sectors like IT, Manufacturing and services, Electrical and Electronics. Educational field visit helped to combine theoretical knowledge with industrial knowledge to the students which can be helpful for those students which field they would like to choose after their senior secondary schooling. They gained knowledge about all the Engineering labs which will helpful for their future goals.

95. Prakalp Pradashan Competition

Prakalp Pradashan Competition (A *Inter Project Competition for I year Students*) at CMR College of Engineering & Technology, Kandlakoya, Medchal on **18th August 2023**. This is a best platform for the students to show case their talent and interact with other students, teachers, faculty of Engineering college and other experts of academics.

This Project competition motivates students and drives them to put forth their best efforts. It sparks interest, passion and ignites a fire within. Participants are encouraged to improve themselves and learn a new

technique. Winning is just an added bonus. It keeps students aligned with the purpose and process while practicing good sportsmanship.

Participation Details:

Total 220 projects were registered for the inter project competition from all branches of I year students. Out of which 80 were short listed from the following branches of I year students for participating in the competition.

1. Electronics & Communication Engineering
2. Computer Science & Cyber Security
3. Electrical & Electronics Engineering
4. Computer Science & Machine Learning
5. Computer Science & Data Structures
6. Civil Engineering
7. Mechanical Engineering
8. Computer Science & Engineering
9. Artificial Intelligence & Machine Learning
10. Information Technology

Jury Members and evaluation process:

Evaluation was done in two rounds in which 12 best projects were short listed in first round and best 3 teams were short listed in second round.

- Mrs.B.Premalatha, ECE Dept, Gurunanak Institute of Technology
- Dr.M.Pushpalatha. CSE Dept, - Design, Siddhartha Institute of Engineering & Technology
- Mr.A. Sheshappa, Mechanical Dept, Vardhaman College of Engineering
- Mr. N.Vishwanath, ECE Dept, St.Martin's Engineering College

Winning Teams:

Among 220 registered projects, 80 were short listed for participating in the expo out of which 3 projects with following titles were selected as best projects by jury members

- ❖ **Child Rescue System** ----- 1st Prize-₹3000
(Team Leader – Choti. William Brain ham-22H51A7381)
- ❖ **Water Control usage in Irrigation System**-----2nd Prize-₹2000
(Team Leader – Anulatha-22H51A04M6)
- ❖ **Smart Window**-----3rd Prize-₹1000

(Team Leader – A.Himaja-22H51A6667)

EVENT PHOTOS:







CMR COLLEGE OF ENGINEERING & TECHNOLOGY
UGC Autonomous Institution, Accredited by NAAC with 'A+' Grade
Kandlakoya, Medchal Road, Hyderabad-501 401






MERIT CERTIFICATE

Prakalp Pradarshan

Mr/Ms..... bearing R.No has presented a project titled..... Won Prize in **Prakalp Pradarshan- Inter Project Competition of Engineering Exploration & Practice Projects (A.Y 2022-23 | B.Tech II SEM)** organized by Centre for Engineering Education Research held on 18th August 2023 at CMR College of Engineering & Technology.

Coordinator Prakalp Pradarshan	Head of the Department CEER	Principal CMRCET
-----------------------------------	--------------------------------	---------------------



Media Coverage

ఇంజనీరింగ్ ప్రాజెక్ట్ ఎక్స్ పో

విశిష్టత తాన: కండ్ల కోయలోని సీఎంఆర్ సెట్ కళాశాలలో ప్రకల్ప ప్రదర్శన పేరిట ఇంజనీరింగ్ అన్వేషిత శిక్షణ పై ప్రథమ సంవత్సర విద్యార్థులు ప్రాజెక్ట్ ఎక్స్ పో నిర్వహించారు. కార్యక్రమాన్ని సీఎంఆర్ గ్రూప్స్ కార్యదర్శి గోపాల్ రెడ్డి ప్రారంభించారు. సీఎంఆర్ కళాశాలకు చెందిన ప్రథమ సంవత్సర విద్యార్థులు (220) జట్లు ఈ ప్రాజెక్ట్ ఎక్స్ పో కు నమోదు చేసుకోగ వారిలో 80 జట్లను ఎంపిక చేశారు. ఉత్తమ ప్రతిభ కనబర్చిన మూడు జట్లకు చైర్మన్ గోపాల్ రెడ్డి, సీఈఓ అభినవ్ రెడ్డి, కళాశాల ప్రిన్సిపాల్ మేజర్ డా వి.ఎ. నారాయణ నగదు బహుమతితో పాటు ప్రశంసాపత్రం అందజేశారు. ఈ సందర్భంగా చైర్మన్ గోపాల్ రెడ్డి మాట్లాడుతూ విద్యార్థుల్లో దాగి ఉన్న ఆవిష్కృత

ప్రతిభను పెంపొందించ దానికి ఇలాంటి ప్రాజెక్ట్ ఎక్స్ పో లు ప్రోత్సహకాన్ని ఇస్తాయన్నారు. ఈ కార్యక్రమంలో సీన్ హెచ్ వోడీ బి. సురేష్ రామ్, సీన్ ఫ్యాకల్టీ, వివిధ శాఖల హెచ్ వోడీలు విద్యార్థులు పాల్గొన్నారు.



సీఎంఆర్ ఇంజనీరింగ్ కళాశాలలో ప్రాజెక్ట్ ఎక్స్ పో కార్యక్రమంలో పాల్గొన్న డైరెక్టర్ గోపాల్ రెడ్డి

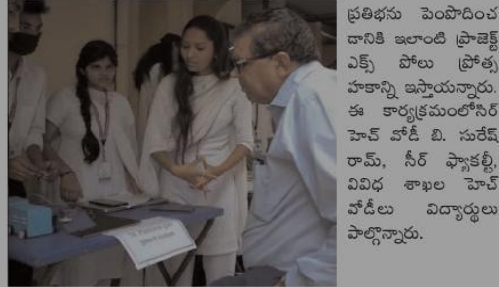


మేడ్చల్ ఆగస్ట్ 18 (ఆదాబ్ హైదరాబాద్): విద్యార్థులు చదువుతో పాటు అన్నీ రంగాల్లో రానించాలి అని సి ఎం ఆర్ కళాశాల డైరెక్టర్ గోపాల్ రెడ్డి అన్నారు, శుక్రవారం మేడ్చల్ మండలంలోని కండ కోయ్యూలో గ్రామంలో ఉన్న సీఎంఆర్ సెట్ కళాశాలలో (PRAFALP-Tradarsha) పేరిట ఇంజనీరింగ్ అన్నేషిత శిక్షణ పై ప్రథమ సంవత్సర విద్యార్థులు ప్రాజెక్ట్ ఎక్స్ పో నిర్వహించారు. ఈ కార్యక్రమాన్ని సీఎంఆర్ గ్రూప్ కార్యదర్శి గోపాల్ రెడ్డి ముఖ్య అతిథిగా హాజరై ప్రారంభించారు. ఈ సందర్భంగా సీఎంఆర్ కళాశాలకు చెందిన ప్రథమ సంవత్సర విద్యార్థులు (20) జట్లు ఈ ప్రాజెక్ట్ ఎక్స్ పో నమోదు చేసుకోగ వారిలో 80 జట్లను ఎంపిక చేశారు. ఉత్తమ ప్రతిభ కనబర్చిన మూడు జట్లకు చైర్మన్ గోపాల్ రెడ్డి, సీఈఓ అభినవ్ రెడ్డి కళాశాల ప్రిన్సిపాల్ మేజర్ డా వి.ఎ. నారాయణ నగదు బహుమతితో పాటు ప్రశంసాపత్రం అందజేశారు. అనంతరం చైర్మన్ గోపాల్ రెడ్డి మాట్లాడుతూ విద్యార్థుల్లో దాగి ఉన్న ఆవిష్కృత ప్రతిభను పెంపొందించ -దానికి ఇలాంటి ప్రాజెక్ట్ ఎక్స్ పో ప్రోత్సహకాన్ని ఇస్తాయన్నారు. ఈ కార్యక్రమంలో సీర్ హెచ్పి డి. సురేష్ రామ్, సీర్ ఫ్యాకల్టీ, వివిధ శాఖల హెచ్ వోడీలు. విద్యార్థులు పాల్గొన్నారు.

సీఎంఆర్ సెట్లో ఇంజనీరింగ్ ప్రాజెక్ట్ ఎక్స్ పో



మేడ్చల్ - నవభూమి: కంప్లెక్స్ కోయ్యూలోని సీఎంఆర్ సెట్ కళాశాలలో ప్రకల్ప వ ప్రదర్శనపేరిట ఇంజనీరింగ్ అన్నేషిత శిక్షణ పై ప్రథమ సంవత్సర విద్యార్థులు ప్రాజెక్ట్ ఎక్స్ పో నిర్వహించారు. కార్యక్రమాన్ని సీఎంఆర్ గ్రూప్ కార్యదర్శి గోపాల్ రెడ్డి ప్రారంభించారు. సీఎంఆర్ కళాశాలకు చెందిన ప్రథమ సంవత్సర విద్యార్థులు (220) జట్లు ఈ ప్రాజెక్ట్ ఎక్స్ పో కు నమోదు చేసుకోగ వారిలో 80 జట్లను ఎంపిక చేశారు. ఉత్తమ ప్రతిభ కనబర్చిన మూడు జట్లకు చైర్మన్ గోపాల్ రెడ్డి, సీఈఓ అభినవ్ రెడ్డి, కళాశాల ప్రిన్సిపాల్ మేజర్ డా వి.ఎ. నారాయణ నగదు బహుమతితో పాటు ప్రశంసాపత్రం అందజేశారు. ఈ సందర్భంగా చైర్మన్ గోపాల్ రెడ్డి మాట్లాడుతూ విద్యార్థుల్లో దాగి ఉన్న ఆవిష్కృత



ప్రతిభను పెంపొందించ దానికి ఇలాంటి ప్రాజెక్ట్ ఎక్స్ పోలు ప్రోత్స హకాన్ని ఇస్తాయన్నారు. ఈ కార్యక్రమంలో సీర్ హెచ్ వోడీ డి. సురేష్ రామ్, సీర్ ఫ్యాకల్టీ, వివిధ శాఖల హెచ్ వోడీలు విద్యార్థులు పాల్గొన్నారు.



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

96."B2B Competition"

An Inter project Competition for II year students on 19th August 2023

B2B Competition (A *Inter Project Competition for II year Students*) at CMR College of Engineering & Technology, Kandlakoya, Medchal on **19th August 2023**. This is a best platform for the students to showcase their talent and interact with other students, teachers, faculty of Engineering college and other experts of academics.

This Project competition motivates students and drives them to put forth their best efforts. It sparks interest, passion and ignites a fire within. Participants are encouraged to improve themselves and learn a new technique. Winning is just an added bonus. It keeps students aligned with the purpose and process while practicing good sportsmanship.

Participation Details:

Total 122 projects were registered for the inter project competition from all branches of II year students. Out of which 62 were shortlisted from the following branches of II year students for participating in the competition.

3. Electronics & Communication Engineering
4. Computer Science & Cyber Security
11. Electrical & Electronics Engineering
12. Computer Science & Machine Learning
13. Computer Science & Data Structures

Jury Members and evaluation process:

Evaluation was done in two rounds in which 9 best projects were short listed in first round and best 3 teams were short listed in second round.

- Dr. C. Padmini, ECE Dept, Vardhaman college of Engineering
- Ch.Ravi KiranSr. Manager - Design, Sanghavi Engineering Private Limited
- Santhosh Mahadev Naik, Mechanical Dept, HITAM

Winning Teams:

Among 122 registered projects, 62 were short listed for participating in the expo out of which 3 projects with following titles were selected as best projects by jury members

- ❖ **Ant Hill Cooler----- 1st Prize-₹3000**
(Team Leader – M.Venkata Ramana-22H55A0210)
- ❖ **Park it easy----- 2nd Prize-₹2000**
(Team Leader – Shashwath Varma-21H51A04C6)
- ❖ **Bluetooth Controlled Movable Fan----- 3rd Prize-₹1000**
(Team Leader – Sri Vaishnavi Koduri-21H51A7217)

EVENT PHOTOS:







CMR COLLEGE OF ENGINEERING & TECHNOLOGY
 UGC Autonomous Institution, Accredited by NAAC with 'A+' Grade
 Kandlakoya, Medchal Road, Hyderabad-501 401

1

MERIT CERTIFICATE

Bud to Business (B2B)

Mr/Ms..... bearing R.No has presented a project titled..... Won **I** Prize in Bud to Business (B2B) - Inter Project Competition of Social Innovation in Practice organized by Centre for Engineering Education Research held on 28th July 2023 at CMR College of Engineering & Technology.

Coordinator B2B Head of the Department CEER Principal CMRCET

CMR COLLEGE OF ENGINEERING & TECHNOLOGY
 UGC Autonomous Institution, Accredited by NAAC with 'A+' Grade
 Kandlakoya, Medchal Road, Hyderabad-501 401

2

MERIT CERTIFICATE

Bud to Business (B2B)

Mr/Ms..... bearing R.No has presented a project titled..... Won **II** Prize in Bud to Business (B2B) - Inter Project Competition of Social Innovation in Practice organized by Centre for Engineering Education Research held on 28th July 2023 at CMR College of Engineering & Technology.

Coordinator B2B Head of the Department CEER Principal CMRCET

Media Coverage

సీఎంఆర్ సెట్ బడ్ టు బిజినెస్ ప్రాజెక్ట్ ఎక్స్ పో



మేడ్చల్-నవభూమి బ్యూరో : కండ్లకోయలోని సీఎంఆర్ సెట్ కళాశాలలో (%) పేరిట వ్యాపార అంకురార్పణ నిమిత్తము పై ద్వితీయ సంవత్సర విద్యార్థులు ప్రాజెక్ట్ ఎక్స్ పో నిర్వహించారు. కార్యక్రమాన్ని సీఎంఆర్ గ్రూప్స్ కార్యదర్శి గోపాల్ రెడ్డి ప్రారంభించారు. సీఎంఆర్ సెట్ కళాశాలకు చెందిన ద్వితీయ సంవత్సర విద్యార్థులు అనేక జట్లు ప్రాజెక్ట్ ఎక్స్ పో నమోదు చేసుకోగ వారిలో 62 జట్లు ఎంపిక చేశారు. ఉత్తమ ప్రతిభ కనబర్చిన మూడు జట్లకు చైర్మన్ గోపాల్ రెడ్డి, సీఈ ఓ అభినవ్ రెడ్డి, కళాశాల ప్రిన్సిపాల్ మేజర్ డా. వి.ఎ. నారాయణ నగదు బహుమతితో పాటు ప్రశంసా పత్రం అందజేశారు. ఈ సందర్భంగా చైర్మన్ గోపాల్ రెడ్డి మాట్లాడుతూ విద్యార్థి మేధస్సులో దాగి ఉన్న

సృజనాత్మకతను వెలికి తీసి, ఆవిష్కృత అంకురాలను స్వల్ప కాల వ్యవధిలో ఏ విధంగా రూపకల్పన చెయ్యాలి అని, ఇలాంటి ప్రాజెక్ట్ ఎక్స్ పో లు విద్యార్థులకు అపకాశాన్ని కల్పిస్తామని తెలియజేశారు. అంతేకాకుండా విద్యార్థి దశలోనే ఒక పారిశ్రామిక వేత్తగా తమ ప్రస్థానాన్ని ఎలా మొదలు పెట్టి ఎక్స్ పో లో తెలియ జేస్తామని ఆయన తెలిపారు. ఈ ఎక్స్ పో కు సీర్ హెచ్ వోడీ బి.సురేశ్ రామ్, సీర్ ఫ్యాకల్టీ, వివిధ శాఖల హెచ్ వోడలు విద్యార్థులు తదితరులు పాల్గొన్నారు.

సీఎంఆర్ లో ప్రాజెక్ట్ ఎక్స్ పో

బి.కె. మేడ్చల్ టాన్ : కండ్లకోయలోని సీఎంఆర్ సెట్ కళాశాలలో బడ్ టు బిజినెస్ అంకురార్పణపై సెకెండ్ ఇయర్ విద్యార్థులు శనివారం ప్రాజెక్ట్ ఎక్స్ పో నిర్వహించారు. కార్యక్రమాన్ని సీఎంఆర్ గ్రూప్స్ కార్యదర్శి గోపాల్ రెడ్డి ప్రారంభించారు. ఉత్తమ ప్రతిభ చూపిన 3 బృందాలను చైర్మన్ గోపాల్ రెడ్డి, సీఈఓ అభినవ్ రెడ్డి, కళాశాల ప్రిన్సిపాల్ మేజర్ డా. వీఎ నారాయణ నగదు బహుమతితో పాటు ప్రశంసా పత్రం అందజేశారు. ఈ ఎక్స్ పోకు సీర్ హెచ్ వోడీ బీ సురేశ్ రాం, సీర్ ఫ్యాకల్టీ, వివిధ శాఖల హెచ్ వోడలు విద్యార్థులు తదితరులు పాల్గొన్నారు.

సీఎంఆర్సెట్లో బడ్ టు బిజినెస్ ప్రాజెక్ట్ ఎక్స్ పో

మన తెలంగాణ/మేడ్చల్: గుండ్లపోచంపల్లి మున్సిపాలిటీ పరిధిలోని కండ్లకోయలో గల సీఎంఆర్ కాలేజ్ ఆఫ్ ఇంజనీరింగ్ అండ్ టెక్నాలజీ కళాశాలలో బడ్ టు బిజినెస్(బి2బి) వ్యాపార అంకురార్పణ నిమిత్తం ద్వితీయ సంవత్సరం విద్యార్థులు ఎక్స్ పో నిర్వహించారు. ఈ కార్యక్రమాన్ని సీఎంఆర్ విద్యాసంస్థల కార్యదర్శి సిహెచ్ గోపాల్ రెడ్డి శనివారం ప్రారంభించారు. సీఎంఆర్సెట్ ద్వితీయ సంవత్సరం విద్యార్థులు ప్రాజెక్ట్ ఎక్స్ పోలో పాల్గొనగా అందులో నుండి 62 జట్లు ఎంపికయ్యాయి. ఉత్తమ ప్రతిభ కనబర్చిన 3 జట్లకు గోపాల్ రెడ్డి, సీఈఓ అభినవ్ రెడ్డి, ప్రిన్సిపాల్ డాక్టర్ వి.ఎ.నారాయణ నగదు బహుమతితో పాటు ప్రశంసా పత్రం అందజేశారు. ఈ సందర్భంగా విద్యాసంస్థల కార్యదర్శి గోపాల్ రెడ్డి మాట్లాడుతూ విద్యార్థి మేధస్సులో దాగి ఉన్న సృజనాత్మకతను వెలికి తీసి ఆవిష్కృత అంకురాలను స్వల్ప కాల వ్యవధిలో ఏవిధంగా రూపకల్పన చెయ్యాలి అని ఇలాంటి ప్రాజెక్ట్ ఎక్స్ పోలు విద్యార్థులకు అవకాశాన్ని కల్పిస్తామని తెలియజేశారు. అంతేకాకుండా విద్యార్థి దశలోనే ఒక పారిశ్రామికవేత్తగా తమ ప్రస్థానాన్ని ఎలా మొదలు పెట్టి ఎదగాలో ఇలాంటి ఎక్స్ పోలు తెలియజేస్తామని తెలిపారు. ఈ కార్యక్రమంలో సీర్ హెచ్ ఓడి సురేశ్ రామ్, వివిధ శాఖల అధిపతులు, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.



97.Rakhi for Soldiers:

CEER is conducted “**Rakhi for Soldiers**” collaborated with “**Samskruti Foundation**”

Samskruti Foundation is organizing “**Raksha-Bandhan**” program for “**Soldiers at Military College of Electronics and Mechanical Engineering**” (MCEME-3), Tirumalagiri. On 30-08-2023, I had the privilege of visiting [Soldiers at Military College of Electronics and Mechanical Engineering], a renowned institution known for producing some of the finest soldiers in our nation. The purpose of my visit was not just to witness the disciplined life of cadets but also to participate in a heartwarming Rakhi-tying ceremony to honor and express our gratitude to the brave soldiers who protect our country.

Arrival at [MCEME]:

Upon arriving at [MCEME], I was immediately struck by the sense of discipline and patriotism that permeated the campus. The neatly arranged cadets, the immaculate infrastructure, and the aura of dedication were truly inspiring. In that program we tied Rakhi around 70 members of soldiers.

Participation Details:

Total 24 student and 2 faculty were attended for the “Rakhi for Soldiers” Program.

5. Electronics & Communication Engineering
6. Computer Science & Cyber Security
14. Computer Science & Machine Learning
15. Computer Science & Data Structures
16. Computer Science & Engineering
17. Artificial Intelligence & Machine Learning

EVENT PHOTOS:





CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

98. One Week Faculty Development Programme on Introduction To Social Innovation

08th to 11th September 2023

CMR College of Engineering & Technology is sponsored by the MGR Educational Society, which was established in 2002. The Vision of the institution is to remain a premier academic institutions striving continuously for excellence in technical education, research and render technological services to the nation.

We have started practicing the Project Based Learning (PBL) at our campus from A.Y 2018-2019. We are practicing Project Based Learning by introducing three courses namely Introduction to Social Innovation, Engineering Exploration & Practice, Social Innovation in Practice. These courses provide student centred learning environment. 900+ Projects/Prototypes/Models were implemented and some of them are deployed in various communities. The FDP is scheduled to train the faculty so that they may implement these courses at their institution. The FDP also planned to share knowledge, experiences, achievements, resources required, recognitions and challenges being faced during the execution over the past four years.

Total 18 faculty have attended the workshop out of which 14 faculty are from CMRCET and 4 faculty from CMR Engineering College. The FDP is very fruitful and useful for the participants.

Content Covered

Introduction to Engineering Study

Engineering Design

Mechanisms

Project Management & Sustainability

Platform based development & Data Acquisition and Analysis

EVENT PHOTOS



CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)
Accredited by NAAC with 'A+' Grade

3-DAY FACULTY DEVELOPMENT PROGRAMME

INTRODUCTION TO SOCIAL INNOVATION

On
08/09/2023 to 11/09/2023

Organized By

CENTRE FOR ENGINEERING EDUCATION RESEARCH









CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

CENTRE FOR ENGINEERING EDUCATION RESEARCH

99. One Day Skill Development Programme on Soldering and its Applications

13th September 2023

CMR College of Engineering & Technology is sponsored by the MGR Educational Society, which was established in 2002. The Vision of the institution is to remain a premier academic institution striving continuously for excellence in technical education, research and render technological services to the nation.

We have started practicing the Project Based Learning (PBL) at our campus from A.Y 2018-2019. We are practicing Project Based Learning by introducing three courses namely Introduction to Social Innovation, Engineering Exploration & Practice, Social Innovation in Practice. These courses provide student centred learning environment. 900+ Projects/Prototypes/Models were implemented and some of them are deployed in various communities. The SDP is scheduled to train the Teaching and Non-Teaching so that they may implement these courses at their institution. The SDP also planned to share knowledge, experiences, achievements, resources required, recognitions and challenges being faced during the execution over the past four years.

Total 25 Teaching and Non-Teaching have attended the workshop. The SDP is very fruitful and useful for the participants.

Content Covered

Introduction to soldering

Soldering on GP boards

Applications and Design electronic circuits

EVENT PHOTOS



CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)
Accredited by NAAC with 'A+' Grade

CEER
CENTRE FOR ENGINEERING EDUCATION RESEARCH

1-DAY SKILL DEVELOPMENT PROGRAMME
On
SOLDERING AND ITS APPLICATIONS
13/09/2023
Organized By
CENTRE FOR ENGINEERING EDUCATION RESEARCH









CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

Awareness camp on Eco friendly Ganesha Idols in Rural Villages

Under

NAIPUNYA CLUB

Date: 11-09-2023

Division Name : Naipunya Club CMRCET

No.of Students Participated :80

Event : Awareness camp on Eco friendly Ganesha Idols in Rural Villages

Faculty Incharge : Ms.Asma

Event Report :

Centre for Engineering Education Research (CEER) has organized Clay Ganesha Idol Making and Awareness Programme” in association with Street Cause CMRCET on 14th September 2023 in Muneerabad, Pudur, Ravalkole villages. This programme aims to promote awareness about the spiritual and cultural beliefs behind the Ganapati celebration among the people. It also allowed our students to enhance their artistic skills and promote sustainability to save our environment.

We visited to Muneerabad village, where the students and faculty of CMR College of Engineering & Technology under CEER Department in association with Street Cause Cmrctet organized Clay Ganesha Idol making and awareness program to the primary school children. Few students took part in making clay Ganesha idol and some of the students of ZP primary school participated in the program. Then, we on behalf of CEER & Street Cause from Cmrctet donated a clay Ganesha idol to the ZP primary school HeadMaster.



Next we visited to Pudur village Gram Panchayat and donated Clay Ganesha idol to the Sarpanch and told the importance of using Clay Ganesha instead Plaster Of Paris Idols and asked him to convey the same to all the villagers.



Then we visited to Pudur village, where the students and faculty of CMR College of Engineering & Technology under CEER Department in association with Street Cause Cmrctet organized Clay Ganesha Idol making and awareness program to the high school students. Few students took part in making clay Ganesha

idol and some of the students of ZPHS school participated in the program. Finally, we on behalf of CEER & Street Cause from Cmrctet donated a clay Ganesha idol to the ZPHS school HeadMaster.



Next we visited to Ravalkole village Gram Panchayat and donated Clay Ganesha idol to the Sarpanch and told the importance of using Clay Ganesha instead Plaster Of Paris Idols and asked him to convey the same to all the villagers.



Finally we visited to Ravalkole village, where the students and faculty of CMR College of Engineering & Technology under CEER Department in association with Street Cause Cmrct organized Clay Ganesha Idol making and awareness program to the high school students. Few students took part in making clay Ganesha idol and some of the students of ZPHS school participated in the program. Finally, we on behalf of CEER & Street Cause from Cmrct donated a clay Ganesha idol to the ZPHS school HeadMaster.





CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

101. 3-DAY FACULTY DEVELOPMENT PROGRAMME on 3D Printing and its Applications

Dates: 14/09/2023 To 16/09/2023

Event Title: 3-DAY FACULTY DEVELOPMENT PROGRAMME on 3D Printing and its Applications

Dates: 14/09/2023 To 16/09/2023

Event Coordinator: Mr. B Suresh Ram, Assoc Prof

Organized by: Mr.P.Maheshbabu, Asst.Professor

Number of Faculty attended: 20

Programme Objectives:

The course is designed to impart knowledge and skills related to 3D printing technologies especially in Engineering Applications, selection of material and equipment and develop a product using this technique in Industry 4.0 environment. In addition, the course helps

- To explore the state-of-the-art technologies in 3D Printing.
- To apprise the participants of emerging trends in 3D Printing technology.
- To bridge the gap between academic learning and industry demands in the field of 3D printing technology.
- To enable the participants to have experiential learning in 3D modelling and build-setup.
- To enable participants to learn the industrial, real life and pedagogical applications of 3D printing.
- To facilitate the participants to develop low- cost 3D printers to teach engineering concepts.



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

→ To empower the participants to offer a course on 3D printing technology at their respective Institutions.

→

Content Covered

Day-1:

FN: Basic Concepts of 3D Printing

AN: 3D Printing: A Disruptive Technology

Day-2:

FN: Design for 3D Printing

AN: Role of 3D Printing in Medical Domain

Day-3:

FN: Introduction to Ultimaker Cura software

AN: 3D Printing and its Applications

Event Report:

The Event titled- **“3-DAY FACULTY DEVELOPMENT PROGRAMME on 3D Printing and its Applications** for faculty, conducted by Centre for Engineering Educational Research CMRCET. Activity was held in offline mode. The Workshop was held on 14/09/2023 To 16/09/2023 in the college campus.

3D Printing is an Additive Manufacturing technique that creates a physical object from a virtual 3D CAD model in faster and effective way. It has gained a lot of attention as it has changed the way a product can be manufactured. The concept of “Additive Manufacturing” is yet another technological advancement made possible by the transition from analog to digital processes. In recent decades, communications, imaging, architecture and engineering have all undergone their own digital revolutions. Now, AM can bring digital

flexibility and efficiency to manufacturing operations. 3D printers is the medium through which AM happens. It has a great impact on manufacturing domain. Hence it is important for the academicians to get awareness of the present day technology.

List of Faculty Participants

Sl. NO	NAME OF THE FACULTY	DESIGNATION	Department	Emails
1	Mr. B. Suresh Ram	Head	ECE	bsureshram@cmrcet.ac.in
2	Mr. G. Karthik Reddy	Asst.Prof	ECE	gandhari.karthik@cmrcet.ac.in
3	Mr. K. Ravi kiran	Asst.Prof	ECE	k.ravikiran@cmrcet.ac.in
4	Mr.B. Venkateshwar Rao	Asst Prof	ECE	bvenkateshwarrao@cmrcet.ac.in
5	Mr.K. Raju	Asst Prof	ECE	kraju@cmrcet.ac.in
6	Mrs.B. Shirisha	Asst Prof	CSE	bshirisha@cmrcet.ac.in
7	Mr. B. Kondalu	Asst Prof	CSE	b.kondalu@cmrcet.ac.in
8	Mr.K Sathish	Asst.Prof	MECH	kayyamsathish@cmrcet.ac.in
9	Mr.P. Mahesh Babu	Asst.Prof	MECH	mahesh@cmrcet.ac.in
10	Mr.B Balakrishna	Asst Prof	EEE	bbalakrishna@cmrcet.ac.in
11	Mr.S. Suresh	Asst Prof	IT	s.suresh@cmrcet.ac.in
12	Mr. K. Ravi Naik	Asst Prof	CSM	k.ravinaik@cmrcet.ac.in
13	Mrs. R. Sathiyakala	Asst Prof	ECE	r.sathiyakala@cmrcet.ac.in
14	Mr.G. Ramesh	Asst Prof	CSM	g.ramesh@cmrcet.ac.in
15	Mr.Y. Vasantha Rao	Asst Prof	ECE	y.vasantharao@cmrcet.ac.in

16	Ms. B. Akhila	Asst Prof	CSM	b.akhila@cmrcet.ac.in
17	Mrs. P. Tulasi Reddy	Asst Prof	CSM	p.tulasi@cmrcet.ac.in
18	Mrs. S. Vaishnavi	Asst Prof	CSE	s.vaishnavi@cmrcet.ac.in
19	Mr.K Nagendra Prasad	Asst Prof	CSC	k.nagendraprasad@cmrcet.ac.in
20	Mrs.T. Lavanya	Asst Prof	CSD	t.lavanya@cmrcet.ac.in
NON -TEACHING				
21	Mr.N.Praveen	Lab Asst	MECH	npraveen@cmrcet.ac.in
22	Mr.V.Krishna	Lab Asst	MECH	vkrishna@cmrcet.ac.in
23	Mr. D. Sadaiah	Lab Asst	ECE	dsadaiah@cmrcet.ac.in
24	Mrs.T. Prathibha	Lab Asst	ECE	tprathibha@cmrcet.ac.in
25	Mrs.N. Padma	DEO	ADMIN	npadma@cmrcet.ac.in

EVENT PHOTOS:













CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

Report on Samskruti Foundation “SUPOSHAN” Workshop

CMR College of Engineering & Technology 3rd year students who were appointed as Cultural Leadership Leaders for Samskruti foundation had organized “SUPOSHAN” workshop Seminar & Debate session on “Usage of Millets” in our daily life, under CEER on 09/12/2023. The session was took place in the college premises at block-III, 302 ISI Lab, under the guidance of Mr. B. Suresh Ram (HOD CEER). The students enthusiastically participated in the program, 4 speakers have presented seminar on the topic, usage of Millets in our daily life and they shared their ideas. Total 20 participants had participated in the program of them 14 students of different branches & year and remaining are the ceer department faculty.

On behalf of Samskruti Foundation, Mr. P. Sudheer Kumar had attended the program along with north-zone coordinator Mr. A. Madhukar. The resource person for the day is Mr. P. Sudheer Kumar, International Adviser and Experienced Higher Education Specialist, Former Consultant, Ministry of Education, Govt. of India. He specialized in Sustainability and Community Engagement, Institutional Development & International Partnerships.

The above mentioned 4 speakers are A. Mahima Reddy, S. Jeevani, G. Thanmai & T. Yeshwanth of different branches have presented the Seminar on the topic “Usage of Millets” in our daily life. The students had participated enthusiastically and presented seminars on the usage of millets and the benefits that we get by consuming in our regular diet. It's been a great and well organized interactive session where students took initiation and presented their thoughts and some of their family members ‘experiences. As we know that "Old is Gold" now everyone is interested towards the usage of millets which is rich in nutritional values, which is necessary for our health because "Health is Wealth".



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

Millets are a rich source of proteins, gluten-free, low in Glycemic Index and rich in dietary fiber, micronutrients including calcium, iron, phosphorus etc and phyto-chemicals, thus boosting the nutritional profile. After seminar presentation, there was a short debate session, the participant are divided into two groups of which one group is supported the “Usage of Millets” in our daily life and other group supported normal food like breakfast, rice, junk foods ect. The debate session was held for 45 minutes and finally concluded with the importance of “Usage of Millets” in our daily life. This should be motivated and encouraged and create an awareness among all groups of people, communities to be aware of the importance of millets, like we took a step forward today to conduct such an amazing program by our students.

Then finally the Resource person Mr. P. Sudheer Kumar concluded the session by sharing his views, ideas and experiences with proper examples and appreciated the speakers & participants and motivated the students to take forward this awareness the “Usage of Millets” in our daily life to the society. Then the Samskruti foundation coordinator Mr. A. Madhukar shared his views and appreciated the speakers & participants. Then Mr. G. Karthik Reddy, Assistant Professor, CMR College of Engineering & Technology thanked the resource person Mr. P. Sudheer Kumar, and Mr. A. Madhukar, and the faculty and the student participants.

102. Samskruti Foundation “SUPOSHAN” Workshop

CMR College of Engineering & Technology 3rd year students who were appointed as Cultural Leadership Leaders for Samskruti foundation had organized “SUPOSHAN” workshop Seminar & Debate session on “Usage of Millets” in our daily life, under CEER on 09/12/2023. The session was took place in the college premises at block-III, 302 ISI Lab, under the guidance of Mr. B. Suresh Ram (HOD CEER). The students enthusiastically participated in the program, 4 speakers have presented seminar on the topic, usage of Millets in our daily life and they shared their ideas. Total 20 participants had participated in the program of them 14 students of different branches & year and remaining are the ceer department faculty.

On behalf of Samskruti Foundation, Mr. P. Sudheer Kumar had attended the program along with north-zone coordinator Mr. A. Madhukar. The resource person for the day is Mr. P. Sudheer Kumar, International Adviser and Experienced Higher Education Specialist, Former Consultant, Ministry of Education, Govt. of India. He specialized in Sustainability and Community Engagement, Institutional Development & International Partnerships.

The above mentioned 4 speakers are A. Mahima Reddy, S. Jeevani, G. Thanmai & T. Yeshwanth of different branches have presented the Seminar on the topic “Usage of Millets” in our daily life. The students had participated enthusiastically and presented seminars on the usage of millets and the benefits that we get by consuming in our regular diet. It's been a great and well organized interactive session where students took initiation and presented their thoughts and some of their family members ‘experiences. As we know that "Old is Gold" now everyone is interested towards the usage of millets which is rich in nutritional values, which is necessary for our health because "Health is Wealth".



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

Millets are a rich source of proteins, gluten-free, low in Glycemic Index and rich in dietary fiber, micronutrients including calcium, iron, phosphorus etc and phyto-chemicals, thus boosting the nutritional profile. After seminar presentation, there was a short debate session, the participant are divided into two groups of which one group is supported the “Usage of Millets” in our daily life and other group supported normal food like breakfast, rice, junk foods ect. The debate session was held for 45 minutes and finally concluded with the importance of “Usage of Millets” in our daily life. This should be motivated and encouraged and create an awareness among all groups of people, communities to be aware of the importance of millets, like we took a step forward today to conduct such an amazing program by our students.

Then finally the Resource person Mr. P. Sudheer Kumar concluded the session by sharing his views, ideas and experiences with proper examples and appreciated the speakers & participants and motivated the students to take forward this awareness the “Usage of Millets” in our daily life to the society. Then the Samskruti foundation coordinator Mr. A. Madhukar shared his views and appreciated the speakers & participants. Then Mr. G. Karthik Reddy, Assistant Professor, CMR College of Engineering & Technology thanked the resource person Mr. P. Sudheer Kumar, and Mr. A. Madhukar, and the faculty and the student participants.







103. "Corn Burster"

Project titled "Corn Burster" which was implemented under Centre for Engineering Education Research (CEER) by E.Sriram (21H51A6208), G.Deepika (21H51A6222), Y.Shashi (21H51A6236) P.Tejasri (21H51A6250), J.Kruthika 21H51A6264 under the guidance of Mr.B.Suresh Ram(HOD-CEER) and Mr.K.Ravi Kiran was deployed in the community on 08/12/2023. The Project was handed over to a corn merchant named P.Tara Bhai, Muneerabad(V), Medchal, Telangana.

సవతెలంగాణ

చిరు వ్యాపారికి 'కార్న్ బస్టర్' పరికరాన్ని అందజేసిన సీఎంఆర్ ఇంజనీరింగ్ కళాశాల విద్యార్థులు



సవతెలంగాణ-మేధల్
గుండ్రపోచంపల్లి మున్సిపల్ పరిధిలోని కండ్లకోయ గ్రామంలో ఉన్న సీఎంఆర్ ఇంజనీరింగ్ కళాశాల విద్యార్థులు సాంకేతికత అందరికీ అందుబాటులోకి తెచ్చి దాని ద్వారా ప్రజల సమస్యలు తొలగిపోవాలనే అనే ఉద్దేశ్యంతో మొళ్ళుకోన్న పాత్రులు వేడిచేయుటకు సోలార్ తో పనిచేసే "కార్న్ బస్టర్" పరికరాన్ని సీఎంఆర్ కాలేజ్ ఆఫ్ ఇంజనీరింగ్ అండ్ టెక్నాలజీ అధ్యాపకులు బి.సురేష్ రామ్, కె.రవికిరణ్ పర్యవేక్షణలో విద్యార్థులు శ్రీరామ్, డీపిక, శశి కుమార్, తేజ శ్రీకృతిక విద్యార్థుల బృందం తయారు చేసారు. డీనిని మండల పరిధిలోని మునీరాబాద్ గ్రామంలోని పి.తారాబాయి అనే చిరు

వ్యాపారికి అందచేశారు. విద్యార్థులు మాట్లాడుతూ ఈ పరికరం వ్యాపారికి శ్వాస కోశ వ్యాధి, చేయి నొప్పి సమస్యలు తలెత్తకుండా దోహదపడుతుందని వెల్లడించారు.
ఈ సందర్భంగా కళాశాల యాజమాన్యం సి.హెచ్ అభినవ్ రెడ్డి అధ్యాపకులను, విద్యార్థులను అభినందించారు. కార్యక్రమంలో గ్రామ సర్పంచ్ సి.హెచ్ గణేష్, ఉప సర్పంచ్ సర్పింగ్ రావు, ప్రిన్సిపాల్ మేజర్ డా.వి. ఎ. నారాయణ, జి. దేవదాస్, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు. ఈ సందర్భంగా కళాశాల యాజమాన్యం సి. హెచ్ అభినవ్ రెడ్డి, అధ్యాపకులను, విద్యార్థులను అభినందించారు.

Date: 09/12/2023, Edition: MEDCHAL-MALKAJGIRI, Page: 3
Source : <https://epaper.navatelangana.com/>





104.Smart Quiz Board

A Project titled "Smart Quiz Board" was deployed in ZP Girls High School, Medchal on 12/12/2023 . It helps the school students to identify/remember "state and its capital" in India map easily. It was implemented under EEP course by students B.Sameeksha - 22H51A0509, E.Rahul - 22H51A0519, K.Sathwik -22H51A0533, M.Aravind - 22H51A0539, P.Bindu -22H51A054 under the guidance of Mr.B.Suresh Ram, Mr.K.Ravi Kiran, Ms.B.Akhila.









CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

105. Report on CAN DO workshop

Ullas Trust organized “**CAN DO**” workshop to the ZPHS students of twelve different villages at **CMR College of Engineering & Technology** in association with **CEER** under the guidance of **Mr. B. Suresh Ram** (HOD CEER). The program was held on 22/12/2023 in the college premises at Cmr cet auditorium, in Block-II.

The founder of Ullas Trust was **Arun Jain, CMD, Intellect and Founder, Ullas Trust** Conducting the Dairy of Dreams workshop. Ullas Trust is organizing “**CAN DO**” workshop for ZP High School children to motivate the students by awarding an amount of 1000/- Rs cheques to continue their education. Every year **Ullas Trust** organizes “**CAN DO**” workshop for ZP High School children surrounding medchal by **Mr. Srikanth** to motivate the students to continue for their higher studies and improve their Personality Development.

Ullas Trust organized **CAN DO** workshop at **CMR College of Engineering & Technology** for the academic year 2023-24 under CEER. The 12 surrounding villages ZPHS Schools namely Muneerabad, Pudur, Raja bollaram, Ravalkole, Mechal Boys, Medchal Girls, Nuthankal, Srirangavaram, Girmapur, Bachupally, Gowdavalley and Hasmathpet, the best 20 students were selected from each school and collectively for all these selected students Ullas Trust organized workshop. On behalf of CMR College of Engineering & Technology the **Vice-Principal, Dr. G. Devadas, Dean Academics** participated in the Program and **Dr. K. L. S. Soujanya, Dean FSA** (Faculty & Student Affairs), participated in the Program, **HOD-CEER Mr. B. Suresh Ram & HOD CSE Dr. Shiva Skanda** participated in the program along with **Organizer and Chief Guest** for the day **Mr. Srikanth**. All the above Dignitaries addressed the student’s teachers of 12 different schools with their motivational Speeches and guided the students.

Finally the top three merit Students from each school of 12 different Zphs schools were awarded a Cash prize of 1000/- Rs to motivate them towards Higher Education and concluded the program.







సీఎమ్మార్ కాలేజీలో 'కాన్ డూ' వర్క్ షాప్

దిశ, మేడ్చల్ టౌన్: గుండ్రపోచంపల్లి మున్సిపాలిటీ పరిధి కండ్లకోయలోని సి. యం. ఆర్ కాలేజ్ ఆఫ్ ఇంజనీరింగ్ కాలేజ్ అండ్ టెక్నాలజీ కళాశాలలో పాఠశాల విద్యార్థులకు "కాన్ డూ" వర్క్ షాప్ నిర్వహించారు. సి. యం. ఆర్ సెట్ కళాశాల ఉల్లాస్ ట్రస్ట్ కలిసి సంయుక్తముగా పర్సనాలిటీ డెవలప్ మెంట్ ఫర్ స్కూల్ స్టూడెంట్స్ పేరిట నిర్వహించిన ఈ కార్యక్రమములో 12 ప్రభుత్వ పాఠశాలకు

చెందిన విద్యార్థులు పాల్గొన్నారు. ఈ సందర్భంగా పాఠశాలలో క్లాస్ టూపర్, ఆకడమిక్స్ లో ఉత్తమ ప్రతిభ కనబర్చిన విద్యార్థులకు రివార్డ్ సర్టిఫికెట్లను కళాశాల సీ.ఈ. ఓ.సి. హెచ్ అభినవ్ రెడ్డి, ప్రిన్సిపల్ మేజర్ డా. వి. ఎ నారాయణ, జి. దేవదాస్ అందచేశారు. ఈ కార్యక్రమములో సీర్ హెడ్ బి. సురేష్ రామ్, ఉల్లాస్ హెడ్ శ్రీకాంత్, అధ్యాపకులు, వివిధ పాఠశాలల విద్యార్థులు పాల్గొన్నారు.

నమస్తే తెలంగాణ

నమస్తే తెలంగాణ

శనివారం

సీఎంఆర్ లో 'కాన్ డూ' వర్క్ షాప్



విద్యార్థులు, టీచర్లుకు సర్టిఫికేట్లు, బహుమతులు అందజేస్తున్న నిర్వాహకులు

మేడ్చల్, డిసెంబరు 22 : గుండ్రపోచంపల్లి మున్సిపాలిటీ పరిధి కండ్లకోయలోని సీఎంఆర్ కాలేజీ ఆఫ్ ఇంజనీరింగ్ లో శుక్రవారం ప్రభుత్వ పాఠశాల విద్యార్థులకు 'కాన్ డూ' వర్క్ షాప్ నిర్వహించారు. ఉల్లాస్ బ్రస్టుతో కలిసి నిర్వహించిన వర్క్ షాపులో విద్యార్థులకు కాంపిటిటివ్ నైపుణ్యాలపై శిక్షణ ఇచ్చారు. అనంతరం క్లాస్ టాపర్, అకడమిక్ లో ప్రతిభ చూపిన విద్యార్థులకు సర్టిఫికేట్లు అందజేశారు. కార్యక్రమంలో సీఎంఆర్ సీఈఓ అభినవ్ రెడ్డి, ప్రిన్సిపాల్ డాక్టర్ వీఎ నారాయణ, అధ్యాపకులు దేవదాస్, హెడ్ సురేశ్ రామ్, ఉల్లాస్ హెడ్ శ్రీకాంత్, అధ్యాపకులు, 12 ప్రభుత్వ పాఠశాలల విద్యార్థులు పాల్గొన్నారు.

జాతీయస్థాయి రైఫిల్ షూటింగ్ పోటీలకు ఎంపిక

23/12/2023 | Medchal | Page : 7
Source : <https://epaper.ntnews.com/>

సాక్షి

వారశాల విద్యార్థులకు ఎంకాపా



వర్క్ షాప్ లో పాల్గొన్న విద్యార్థులు

మేడ్చల్ రూరల్ : గుండ్రపోచంపల్లి మున్సిపాలిటీ పరిధి కండ్లకోయలోని సీఎంఆర్ సెట్ కళాశాలలో పాఠశాల విద్యార్థులకు వర్క్ షాప్ నిర్వహించారు. సీఎంఆర్ సెట్, ఉల్లాస్ బ్రస్టు సంయుక్తంగా కాన్ డూ పేరిట నిర్వహించిన వర్క్ షాప్ లో 12 ప్రభుత్వ పాఠశాలలకు చెందిన విద్యార్థులు పాల్గొనగా వారికి పోటీ ప్రపంచంలో తమ నైపుణ్యాలను ఎలా అభివృద్ధి చేసుకోవాలో వివరించారు. ఈ సందర్భంగా పాఠశాలల్లో క్లాస్ టాపర్, అకాడమిక్ లో ఉత్తమ ప్రతిభ కనబర్చిన విద్యార్థులకు సీఎంఆర్ గ్రూప్ సీఈఓ అభినవ్ రెడ్డి, కళాశాల ప్రిన్సిపాల్ నారాయణ ప్రశంసా పత్రాలు అందజేశారు. కార్యక్రమంలో దేవదాస్, సురేశ్ రామ్, శ్రీకాంత్, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.

23/12/2023 | Hyderabad(Medchal) | Page : 11
Source : <https://epaper.sakshi.com/>

106. CHIGURU PROGRAMME CONDUCTED BY YOUTH FOR SEVA

An exuberant display of talent and knowledge was seen at “CHIGURU 2024”, where numerous children from government schools participated in a cultural extravaganza, proudly hosted by CMR College of Engineering and Technology, and conducted by YOUTH FOR SEVA (YFS) in collaboration with CEER on 7th January 2024.

The event flourished with 3500+ students from all over Hyderabad and around 1500+ volunteers.

Youth for Seva (YFS) is a nation-wide volunteering movement that inspires youth to volunteer, and provides them with meaningful opportunities to serve the community. YFS aims to create positive change agents in the society, through the culture of volunteering.



















107.Educational Field Trip for CMR International School

Centre for Engineering Education Research is conduct “**Educational Field Trip for CMR International School, Suraram**” to assist their student projects on **25/01/2024**.In this event complete 23 students and one Faculty were attended. This field trip is to giving knowledge about our project and clarifying the doubts to the students. In this Event from our college 21 Teams were participated. This is Event was coordinated by CEER Faculty Mr.P.Mahesh Babu, Mr.B.BalaKrishna and Ms.B.Akhila.

This are some photograph from the event.











CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

108.Demo Day of Prototypes & Linkage with innovation Ambassador for Mentorship Support

Event Title: Demo Day of Prototypes & Linkage with innovation Ambassador for Mentorship Support

Dates: 23 rd -25 th January 2024

Event Coordinator: Mr.B.Suresh Ram Associative Professor

Organized by: Mr.K.Sathish Asst Prof, Mr.B.Balakrishna Asst Prof, Ms.B.Akhila, Asst Prof, Mr.B.Kondalu

Number of Students attended 103

Number of Faculty attended 24

Event Report:

The Event titled- “Demo Day of Prototypes & Linkage with innovation Ambassador for Mentorship

Support” conducted by Centre for Engineering Education Research, CMRCET and Organized by Centre for

innovation and Entrepreneurship (CIE) and MoE Institute Innovation Cell, government of India. This event is

conducted under Centre for innovation and Entrepreneurship (CIE). This event is organized on 23 rd to 25 th

January 2024 through offline mode.

Around 20 student teams presented their Prototypes. The students were mentored on innovation and how the projects and business model can be used to develop the startup and mentorship support. Many students along with various guests attended the competition.

Objectives of work shop:

To encourage the students from different branches to develop a business concept, undertake research to determine feasibility and write a business plan to document their work and plans.

To create opportunities for aspiring young entrepreneurs to experience the hard work required to do

research, plan and launch a business, and thus develop their entrepreneurial skills.

To provide students a forum outside the classroom where they can develop skills in “pitching” their business ideas to wealth providers and entrepreneurs and to receive constructive feedback – increasing the probability of the success of their venture.

This workshop was to provide the introductory knowledge of the projects and provide an opportunity for the students to establish their learning experience. 60 teams had participated in this event. They had represented their innovative ideas through Business models.

Event Photos:







List of Faculty participants		
Sl. No	Faculty Name	Email Id
1	Dr.Merugu Suresh	msuresh@cmrcet.org
2	Dr.B.Premalatha	cie@cmrcet.ac.in
3	Mrs.Abdul Subhani shik	sasubhani@cmrcet.ac.in
4	Mr. B. Suresh Ram	bsureshram@cmrcet.ac.in
5	Mr. G. Karthik Reddy	gandhari.karthik@cmrcet.ac.in
6	Mr. K. Ravi kiran	k.ravikiran@cmrcet.ac.in
7	Mr.B. Venkateshwar Rao	bvenkateshwarrao@cmrcet.ac.in
8	Mr.K. Raju	kraju@cmrcet.ac.in
9	Ms . B . Archana	archana.prakash@cmrcet.ac.in
10	Ms. MD. Asma	asma@cmrcet.ac.in
11	Mrs.B. Shirisha	bshirisha@cmrcet.ac.in
12	Mr. B. Kondalu	b.kondalu@cmrcet.ac.in

13	Mr.K Sathish	kayyamsathish@cmrcet.ac.in
14	Mr.P. Mahesh Babu	mahesh@cmrcet.ac.in
15	Mr.B Balakrishna	bbalakrishna@cmrcet.ac.in
16	Mr.S. Suresh	s.suresh@cmrcet.ac.in
17	Mr. Ravi Naik	k.ravinaik@cmrcet.ac.in
18	Mrs. R. Sathiyakala	r.sathiyakala@cmrcet.ac.in
19	Mr.G. Ramesh	g.ramesh@cmrcet.ac.in
20	Mr.Y. Vasantha Rao	y.vasantharao@cmrcet.ac.in
21	Ms. B. Akhila	b.akhila@cmrcet.ac.in
22	Mrs. P. Tulasi	p.tulasi@cmrcet.ac.in
23	Mrs. S. Vaishnavi	s.vaishnavi@cmrcet.ac.in
24	Mr.K Nagendra Prasad	k.nagendraprasad@cmrcet.ac.in

List of Student Participants			
ROLL. NO	DENT NAME	OBJECT TITLE	M NO
22H51A7304	A.Chandana	NavGo	1
22H51A7305	Y Ashritha		
22H51A7311	B.Bhargav		
22H51A7318	CH.Lokesh Prasad		
23H55A7302	B.Manikanta		
22H51A7301	A. SHIVA SHANKER	SURAKSIT ASANNIDHA	2
22H51A7312	B.AI ASHWARYA		
22H51A7315	CH.S INDHU TEJA		
22H51A7320	D.SESHA SAI		
23H55A7301	A. BHAVITH GOUD		
22H51A7321	D.Navya	Trash to Treasure	3
22H51A7323	G.Gouthami		
22H51A7330	K Shashank		

22H51A7341	M Sai Uttej		
22H51A7364	Y.Jaipal Reddy		
23H55A7304	Ch.Mahesh Babu		
22h51a7302	A.sanjay yadav	STREET FIXER	4
22h51a7309	B.Nikhil		
22h51a7316	C. ganesh		
22h51a7324	G. Neha reddy		
22h51a7326	G. bhavana		
23h55a7305	G.Rohith		
22H51A7332	K.Vedasahithi		
22H51A7333	K.Koojitha		
22H51A7342	M.Sharathchandra		
22H51A7355	S.Ashwin		
23H55A7303	B.Gowthami		
22H51A7303	A,Avinash	Heal-Hub	6
22H51A7319	D.Prabhash		
22H51A7331	K.Mounika		

22H51A7354	R.Satwik reddy		
22H51A7358	T.Laharitha		
22H51A7360	V.Venu		
22H51A7306	B. Md. Mohassin Hussain	EFFICIENT NAVIGATOR	7
22H51A7314	B. Vivekananda Reddy		
22H51A7336	K. Sriram		
22H51A7339	L. Likitha		
22H51A7343	M. Vennela		
22H51A7307	B.Nagashayan		
22H51A7317	Ch.Sai krishna		
22H51A7345	M.Sneha sai sri		
22H51A7347	N.Amitha Reddy		
22H51A7361	V. Sankeerth		
22H51A7308	B.YASHWANTH	Vendor connect	9
22H51A7322	E.VAMSHI KRISHNA		
22H51A7346	M.AASHRITH		
22H51A7349	P.ROHITH		

22H51A7350	P.PAVANI		
23H55A0305	D.sravika	our grinder and sifter machine	10
22H51A0326	M.Archana		
22H51A0318	K.Venkatesh		
23H55A0321	V.Kiran koushik		
22H51A0332	R.Satish		
22H51A0301	A. Anil		
22H51A0313	D.Giridhar		
22H51A0330	P. Ramya sree		
22H51A0334	S. Gayathri		
23H55A0308	E. Manideep		
22H51A0302	B. Naresh	remote control mini forklift	12
22H51A0310	D. Vinay Kumar varma		
22H51A0340	V. Kiran		
23H55A0301	A. Vinay kumar		
23H55A0303	B. Sai Prem		
22H51A0303	B.Vinod		

22H51A0311	D. Chitti		
22H51A0339	V.Sragvin		
23H55A0302	B.Vinay Kumar		
23H55A0311	K.Manish		
22H51A0337	U.Ajay Kumar	Automatic headlight intensity controller	14
23H55A0320	K.Vignesh		
22H51A0319	G.Vivek		
22H51A0341	Vikas kumar soni		
23H55A0317	p.sai vamshi		
22H51A0305	B.Rajesh	Garbage compact trash	15
22H51A0315	G.Vittal		
22H51A0329	P.vamshi		
22H51A0328	M.Abhinav		
23H55A0319	T.Banu prasad		
22H51A0316	G. Akash	Multi items serving catering machine	16
22H51A0325	M. Prem kumar		

22H51A0336	T. Joseph kumar		
23H55A0318	syed ilyas		
23H55A0310	K.Anurag		
22H51A0320	devi sri prasad	Auto Portable 2D Printer	17
22H51A0333	Raju		
22H51A0308	Srikanth		
22H51A0331	P. Krishna		
23H55A0304	Hanish		
22H51A0309	CH.Ganesh		
22H51A0322	K.Daniel		
22H51A0338	V.Koushik		
22H51A0307	B. Nivas		
23H55A0306	D.Rajesh		
22H51A0306	B.Jayanth	& Fire alert system in Agro field	19
22H51A0312	D.Satish		
22H51A0335	T.Vinay kumar		
22H51A0323	K. Hari vardhan reddy		

23H55A0307	D.Santosh		
23H55A0312	K.Harsheeshwar	t watering for plants in different weather conditions	20
23H55A0313	MD shameem		
22H51A0314	G.Vigneshwar goud		
22H51A0317	G.Shyam kumar		
22H51A0324	K. Nandadeep		

List of Student Participants

	SL. NO	STUDENT NAME	PROJECT TITLE	SR. NO
	22H51A7304	A.Chandana	NavGo	1
	22H51A7305	Y Ashritha		
	22H51A7311	B.Bhargav		
	22H51A7318	CH.Lokesh Prasad		
	23H55A7302	B.Manikanta		
	22H51A7301	A. SHIVA SHANKER	AKSIT ASANNIDHA	2
	22H51A7312	B.AISHWARYA		

	A7315	NDHU TEJA		
	A7320	SHA SAI		
	A7301	AVITH GOUD		
	A7321	rya	Trash to Trespure	3
	A7323	thami		
	A7330	shank		
	A7341	Uttej		
	A7364	al Reddy		
	A7304	ahesh Babu		
	a7302	ay yadav		
	a7309	hil		
	a7316	esh		
	a7324	ha reddy		
	a7326	vana		

	A7305	mith		
	A7332	lasahithi	SPOT SECURE	5
	A7333	bjitha		
	A7342	arathchandra		
	A7355	win		
	A7303	vthami		
	A7303	nash	Heal-Hub	6
	A7319	bhash		
	A7331	unika		
	A7354	wik reddy		
	A7358	aritha		
	A7360	u		
	A7306	. Mohassin Hussain		
	A7314	rekananda Reddy		

	A7336	ram		
	A7339	itha		
	A7343	nnela		
	A7307	ashayan	Busify	8
	A7317	i krishna		
	A7345	ha sai sri		
	A7347	itha Reddy		
	A7361	keerth		
	A7308	SHWANTH		
	A7322	MSHI KRISHNA		
	A7346	SHRITH		
	A7349	HITH		
	A7350	VANI		
	23H55A0305	ika	r grinder and sifter	10

	22H51A0326	thana	machine	
	22H51A0318	skatesh		
	23H55A0321	an koushik		
	22H51A0332	sh		
	22H51A0301	il	pick and place robot	11
	22H51A0313	dhar		
	22H51A0330	nya sree		
	22H51A0334	vathri		
	23H55A0308	nideep		
	22H51A0302	resh	remote control mini forklift	12
	22H51A0310	hay Kumar varma		
	22H51A0340	ran		
	23H55A0301	hay kumar		
	23H55A0303	Prem		

	22H51A0303	od	Automatic cup crusher	13
	22H51A0311	itti		
	22H51A0339	gvin		
	23H55A0302	ay Kumar		
	23H55A0311	nish		
	22H51A0337	y Kumar	Automatic headlight intensity controller	14
	23H55A0320	nesh		
	22H51A0319	ek		
	22H51A0341	kumar soni		
	23H55A0317	ramshi		
	22H51A0305	esh	Large compact trash	15
	22H51A0315	al		
	22H51A0329	shi		

	22H51A0328	hinav		
	23H55A0319	u prasad		
	22H51A0316	ash	Multi items serving catering machine	16
	22H51A0325	em kumar		
	22H51A0336	eph kumar		
	23H55A0318	lyas		
	23H55A0310	rag		
	22H51A0320	ri prasad		
	22H51A0333			
	22H51A0308	th		
	22H51A0331	shna		
	23H55A0304	n		
	22H51A0309	anesh	food feeder for Handicapped	18
	22H51A0322	iel		

	22H51A0338	shik		
	22H51A0307	ras		
	23H55A0306	esh		
	22H51A0306	anth	& Fire alert system in Agro field	19
	22H51A0312	sh		
	22H51A0335	ay kumar		
	22H51A0323	ri vardhan reddy		
	23H55A0307	tosh		
	23H55A0312	sheeshwar		
	23H55A0313	nameem		
	22H51A0314	neshwar goud		
	22H51A0317	am kumar		
	22H51A0324	ndadeep		

109:-Innovation & Entrepreneurship Outreach Program in Schools



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

Dates: 29 th -30 th January 2024

Event Coordinator: Dr.B.Premalatha ,IICPresident

Organized by: Mr.K.Sathish Asst.Prof ,Mr.Balakrishna Asst.Prof, Mr.K.Ravikiran, Asst.Prof,

Number of Students attended 77

Number of Faculty attended 10

Number of student coordinator from IIC Institute: 30

Event Report:

Innovation & Entrepreneurship Outreach Program in Schools is conducted in Zilla Parishad High School, Hasmathpet, Zilla Parishad High School Miyapur and Zilla Parishad High School Bachupally successfully. An interactive mentoring session was held on 29 th -30 th January 2024. The session was organized by the Institution's Innovation Council (IIC) of CMR College of Engineering & Technology in association with the Center for innovation and Entrepreneurship as a part of IIC driven activity This Two Day Innovation and Entrepreneurship Outreach Program in schools is very useful for the school children. Dr.B.Premalatha, President of IIC, Mr. Abdul Subhani Shaik Convener of IIC and R&D coordinator. Other IIC members of CMRCET attended the event. Interacted with the school students, discussed the significance of innovation and entrepreneurship in everyday life. The students were given a perspective on how innovation works by peer group demonstrations, and innovative models were built and exhibited by the students of CMRCET.

Later the student coordinator explained how to build small prototype models using various electronic components. The members explained the working of each component. The students are encouraged to design small projects. The session introduced the students to what is entrepreneurship,innovation and inspired them to become future leaders in these fields.

The following projects were explained to the students:-

- i) Self lock for door Using Arduino
- ii) Automated School bell
- iii) Cyclist Safety Jacket
- iv) Automated timer outlet for Mobile Charging
- v) Vertical Harvesting
- vi) Saline level Monitor
- vii) Flood Resistance bridge
- viii) Smart bore well
- ix) Dam water Overflow early warning in voice
- x) Automatic Irrigation System

Then they explained the importance of Arduino uno(microcontroller) to the students

Photos:









Team - ①

ZPHS, @-HAMPET.

K. Sivani
K. Pavani
P. Swetha
B. Krishna Kumar
M. Navadeep.

Team - 2

M. Janyasha
P. priyanka
E. Shirisha
D. pavan

Team 3:

- ① Rithika
- ② shiva nandini
- ③ mani kumar
- ④ Mushahed.

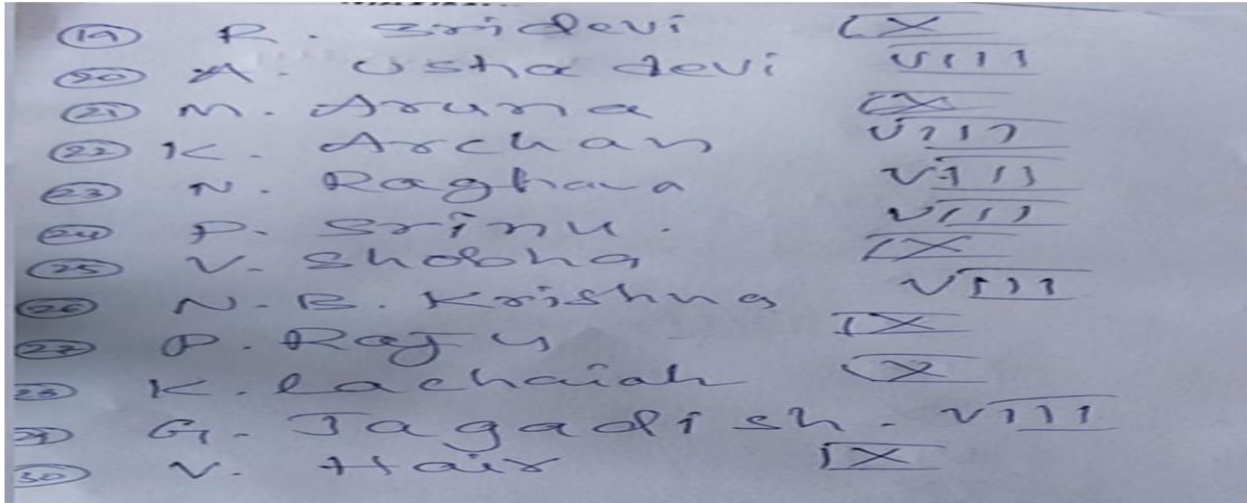
Team 4

- ① V. Dhanush
- ② shruthi
- ③ Santhosh
- ④ B. Akshya.

Student Name	class
① K. Deepa	IX
② D. Dixitha	VIII
③ P. Sujana	IX
④ P. Sujatha	VIII
⑤ R. Sujitha	IX
⑥ K. Ravi Kiran	IX
⑦ P. Suresh Kumar	VIII
⑧ K. Sheshi Kumar	VIII
⑨ K. Bhavana	IX
⑩ P. Karthik Kumar	IX
⑪ P. Manju Lakshmi	VIII
⑫ K. Manisha	IX
⑬ P. Kavya Sri	IX
⑭ P. Sunitha	VIII
⑮ P. Srujan Kumar	VIII
⑯ K. Suman	IX
⑰ R. Raman	IX
⑱ R. Venkatesh	IX
⑲ B. Bharu Prakash	IX
⑳ Ch. Ramya	VIII

(21)	G. Ramya sri	<u>VIII</u>
(22)	N. Gayathri	<u>IX</u>
(23)	S. Latha	<u>IX</u>
(24)	G. Sruthi	<u>IX</u>
(25)	D. Rani	<u>IX</u>
(26)	D. Usha	<u>VIII</u>
(27)	D. purna chander	<u>IX</u>
(28)	- zenet	<u>IX</u>
(29)	S. Sridhar	<u>IX</u>
(30)	S. Saraswathi	<u>IX</u>

Student Name	class
① V. Pooja	<u>IX</u>
② K. Sridhar	<u>VIII</u>
③ B. Kavitha	<u>VIII</u>
④ K. Ravi Kumar	<u>IX</u>
⑤ S. Praveen	<u>IX</u>
⑥ Ch. Laxmi	<u>IX</u>
⑦ E. Deepika.	IX <u>VIII</u>
⑧ V. Sujatha	<u>IX</u>
⑨ N. Palavi	<u>IX</u>
⑩ P. Vijaya Kumari	<u>VIII</u>
⑪ R. Karthi	<u>IX</u>
⑫ B. Rama	<u>IX</u>
⑬ N. Malleshham	<u>VIII</u>
⑭ A. Rajmali	<u>IX</u>
⑮ P. Ramli	<u>VIII</u>
⑯ D. Rajeshwar	<u>IX</u>
⑰ E. Raj sree	<u>IX</u>
⑱ G. Rama devi	<u>IX</u>



19	R. Sridevi	IX
20	A. Usha devi	VIII
21	M. Aruna	IX
22	K. Archana	VIII
23	N. Raghava	VIII
24	P. Srinu.	VIII
25	V. Shobha	IX
26	N.B. Krishna	VIII
27	P. Raju	IX
28	K. Lachaiiah	IX
29	G. Jagadish.	VIII
30	V. Haix	IX

List of Faculty & Student participants from IIC Institution

o	FacultyName	Email Id
1	Dr.B.Premalatha	cie@cmrcet.ac.in
2	Mrs.AbdulSubhani shik	sasubhani@cmrcet.ac.in
3	Mr.K.Sathish	kayyamsathish@cmrcet.ac.in
4	Ms.MdAsma	asma@cmrcet.ac.in
5	Mr.B.Balakrishna	bbalakrishna@cmrcet.ac.in
6	Mr.B.SureshRam,	bsureshram@cmrcet.ac.in
7	Mr.K. Raju	kraju@cmrcet.ac.in
8	Mr.K.RaviKiran	kravikiran@cmrcet.ac.in
9	Mr.P. Mahesh Babu	mahesh@cmrcet.ac.in
10	Mr.B. Venkateshwar Rao	bvenkateshwarrao@cmrcet.ac.in
11	Gangasani Shankarshan	21H51A05M3@cmrcet.ac.in
12	P.Shivaprasad	21H51A0442@cmrcet.ac.in
13	Pendamsaloni	21H51A7225@cmrcet.ac.in
14	Rohitkumar ojha	21H51A66K1@cmrcet.ac.in
15	SinchanPal	21H51A0330@cmrcet.ac.in



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

16	PandugaManiPrasadGoud	21H51A66J6@cmrcet.ac.in
17	GANGASANIAPARNALAKSHMI	21H51A04B1@cmrcet.ac.in
18	UdayBhaskerAtukula	21H51A04A7@cmrcet.ac.in
19	MadamVignesh	21H51A0227@cmrcet.ac.in
20	GujjulaSrinitha	21H51A6737@cmrcet.ac.in
21	MukthaGhosh	21H51A7252@cmrcet.ac.in
22	BachawarVinitha	21H51A05D2@cmrcet.ac.in
23	Rishiballa	21H51A6289@cmrcet.ac.in
24	Bhukyayakanna	21H51A04D3@cmrcet.ac.in
25	Sidharth	21H51A6288@cmrcet.ac.in

26	Ch.Mahesh Babu	23H55A7304@cmrcet.ac.in
----	----------------	-------------------------

27	A.Chandana	22H51A7304@cmrcet.ac.in
28	Y Ashritha	22H51A7305@cmrcet.ac.in
29	B.Bhargav	22H51A7311@cmrcet.ac.in
30	CH.Lokesh Prasad	22H51A7318@cmrcet.ac.in
31	B.Manikanta	23H55A7302@cmrcet.ac.in
32	A. SHIVA SHANKER	22H51A7301@cmrcet.ac.in
33	B.AISHWARYA	22H51A7312@cmrcet.ac.in
34	CH.SINDHU TEJA	22H51A7315@cmrcet.ac.in
35	D.SESHA SAI	22H51A7320@cmrcet.ac.in
36	A. BHAVITH GOUD	23H55A7301@cmrcet.ac.in
37	D.Navya	22H51A7321@cmrcet.ac.in
38	G.Gouthami	22H51A7323@cmrcet.ac.in



39	K Shashank	22H51A7330@cmrcet.ac.in
40	M Sai Uttej	22H51A7341@cmrcet.ac.in

109. “Bud to Business” Project Expo

An Inter project Competition for II year students on 3rd February 2024 **B2B Competition (An Inter Project Competition for II year Students)** at CMR College of Engineering & Technology, Kandlakoya, Medchal on **3rd February 2024**. This is a best platform for the students to showcase their talent and interact with other students, teachers, faculty of Engineering college and other experts of academics.

This Project competition motivates students and drives them to put forth their best efforts. It sparks interest, passion and ignites a fire within. Participants are encouraged to improve themselves and learn a new technique. Winning is just an added bonus. It keeps students aligned with the purpose and process while practicing good sportsmanship.

Participation Details:

Total 115 projects were registered for the inter project competition from all branches of II year students. Out of which 38 were shortlisted from the following branches of II year students for participating in the competition.



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

1. Artificial Intelligence & Machine Learning
2. Computer Science & Machine Learning
3. CSE- Cyber Security
4. Information Technology
5. Mechanical Engineering

Jury Members and evaluation process:

Evaluation was done in two rounds in which 10 best projects were shortlisted and from the 10 best projects, 3 teams were finalized based on the jury member's evaluation process.

- Dr. Ashwin Kumar Myakalwar, Assistant Professor, ICFAI Foundation for Higher Education, Hyderabad.
- Mr. CH. Ravi Kiran, Design Manager, Saangvi Engineering Private Limited

Winning Teams:

Among 115 registered projects, 38 were shortlisted for participating in the expo out of which 3 projects with following titles were selected as best projects by jury members

- **CAREER CRAFTER (APP) ----- 1st Prize-₹3000**

(Team Leader – Darshan S Kagi -22H51A6676)

- **BUSIFY (APP)-----2nd Prize-₹2000**

(Team Leader – B. Nagashayan-22H51A7307)

- **MULTIPURPOSE AGRICULTURE MACHINE (MPAM)-----3rd Prize-₹1000**

(Team Leader – Jeevani Setti-22H51A1251)

EVENT PHOTOS:



**సీఎంఆర్ సెట్లో
ప్రాజెక్ట్ ఎక్స్పోజ్**

మేడ్చల్ రూరల్: గుండ్లపోచంపల్లి మున్సిపాలిటీ పరిధి కండ్లకోయలోని సీఎంఆర్ సెట్ కళాశాలలో సామాజిక ఆవిష్కరణలపై ద్వితీయ సంవత్సరం విద్యార్థులు బడ్ టూ బిజినెస్ పేరిట ప్రాజెక్ట్ ఎక్స్పోజ్ నిర్వహించారు. కార్యక్రమాన్ని సీఎంఆర్ గ్రూప్స్ కార్యదర్శి గోపాల్ రెడ్డి ప్రారంభించగా అనంతరం విద్యార్థి బృందాలు తమ ప్రాజెక్టులను ప్రదర్శించారు. ఉత్తమ ప్రతిభ కనబర్చిన 3 బృందాలకు కార్యదర్శి గోపాల్ రెడ్డి, సీఈఓ అభినవ్ రెడ్డి, ప్రీన్సిపాల్ నారాయణ నగదు బహుమతితో పాటు ప్రశంసాపత్రాలను అందజేశారు. కార్యక్రమంలో సురేశ్ రామ్, వెంకటేశ్వర్లు, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.













నమస్తే తెలంగాణ

E-PAPER



సామాజిక ఆవిష్కరణపై ప్రాజెక్టు ఎక్స్‌పో

గుండ్లపోచంపల్లి మున్సిపాలిటీ కండ్లకోయలోని సీఎంఆర్ సెంటర్ వీ2టీ(బిడ్ టూ టెక్నెస్) పేరుతో శనివారం సామాజిక ఆవిష్కరణలపై ద్వితీయ సంవత్సరం విద్యార్థులు ప్రాజెక్టు ఎక్స్‌పో నిర్వహించారు. కళాకారులు చెందిన 130 జుట్లు పాల్గొనగా, వారిలో 98 మందిని ఎంపిక చేశారు. ఉత్తమ ప్రతిభ కనబర్చిన 3 జుట్లకు చైర్మన్ గోపాల్ రెడ్డి, సీఈవో ఆధీనం రెడ్డి, కళాకాల ప్రీన్సిపాల్ మేజర్ వీవి నారాయణ నగదు బహుమతుతోపాటు ప్రశంసాపత్రాన్ని అందజేశారు. కార్యక్రమంలో సీఈవో ఆధీనం రెడ్డి, సీఈఈఆర్ ఆర్ హెచ్ సురేశ్‌రాం, ప్రొఫెసర్లర్నీ, వివిధ శాఖల హెచ్‌ఎం డీలు, విద్యార్థులు పాల్గొన్నారు. - మేజర్. ఫిబ్రవరి 3





110:-Report on water tank Establishment by Street Cause

Street Cause of CMR College of Engineering & Technology in association with Centre for Engineering Education Research (CEER) has organized two Water-Tanks establishment program at Zilla Parishad High School, Hanumantha Rao Pet (village), Narayanked (Mandal), Sangareddy (District) on 17 th February 2024.

The main motto of this water project execution is to quench the thirst of the school children where there is lack of facilities in providing the drinking water to the ZPH school children. Street Cause Cmrct identified the problem and came forward for the two Water-Tanks establishments. The program was carried out by Mr. M. Saketh (vice-prasident, Streetcause), Sowmya & P.Usha are the heads of the program involved during the establishment of the water tanks along with the School Teachers and students. Making use of the drinking water tanks will quench the thirst of the ZPH school



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

students.

CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)
Accredited by NAAC with 'A+' Grade

**Water Project execution
(Water Tank Establishment)**

Hanumanthraopet (Village), Sangareddy (District)

17/02/2024
Jointly Organized By



**STREET CAUSE - CMRCET &
CENTRE FOR ENGINEERING EDUCATION RESEARCH**





తాగునీటి ట్యాంకుల ఏర్పాటు

నారాయణఖేడ్: నారాయణ ఖేడ్ మండలం హస్తంతరావు పేట జిల్లా పరిషత్ ఉన్నత పాఠశాలలో స్ట్రీట్ క్యాన్లో భాగంగా హైదరాబాదు 'సీఎంఆర్ కాలేజ్ ఆఫ్ ఇంజనీరింగ్ అండ్ టెక్నాలజీ ఎస్టివో' సంస్థ ఆధ్వర్యంలో విద్యార్థుల దాహార్తిని తీర్చడానికి శనివారం రూ.లక్ష వెచ్చించి రెండు మినీ నీటి ట్యాంకులు ఏర్పాటు చేసి ప్రారంభించారు. ఆ సంస్థ అధ్యక్షుడు సాకేత్ మల్లెల, కార్యనిర్వాహక అధ్యక్షురాలు సౌమ్య, కోశాధికారి ఉష తదితరులు



సన్మానం పొందిన సంస్థ ప్రతినిధులు

పాల్గొని ట్యాంకులను సద్వినియోగం చేసుకోవాలని కోరారు. వారిని పాఠశాల ప్రధానోపాధ్యాయులు విజయ్ కుమార్, ఉపాధ్యాయులు హీరామన్, శైలజ, భాగ్యమ్మ, సురేఖ, రాజేశ్వర్, రాఘవేందర్ నాయక్, వెంకటేశం, శివాజీ, కార్యదర్శి నగేష్ శాలువాలతో సన్మానించారు.

111:-One week Faculty development Program on Engineering Exploration & Practice

CMR College of Engineering & Technology under the umbrella of Centre for Engineering Education Research (CEER) has organized a one week Faculty Development Programme on “Engineering Exploration & Practice” from 12th Feb 2024 to 17th Feb 2024.

Total 19 faculty attended the workshop from CMRCET. The FDP is very fruitful and useful for the participants.



CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)
Accredited by NAAC with 'A+' Grade



One Week
FACULTY DEVELOPMENT PROGRAMME
On
Engineering Exploration & Practice
12.02.2024 to 17.02.2024
Organized By
CENTRE FOR ENGINEERING EDUCATION RESEARCH

Content Covered:

- Introduction to Engineering Study
- Engineering Design
- Mechanisms
- Project Management & Sustainability
- Platform based development & Data Acquisition and Analysis

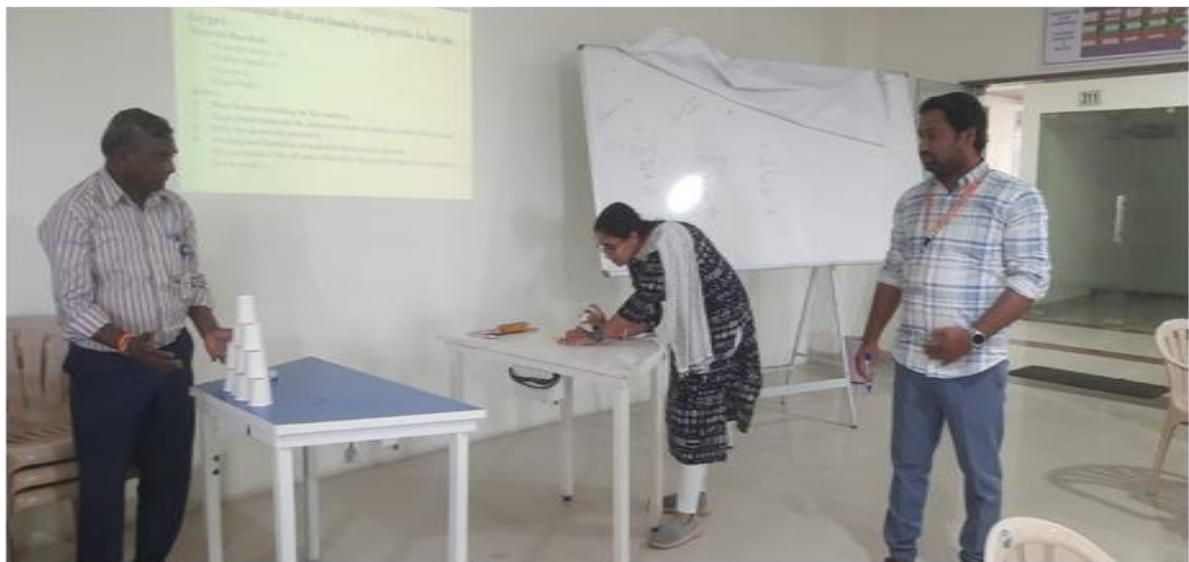
Photos:









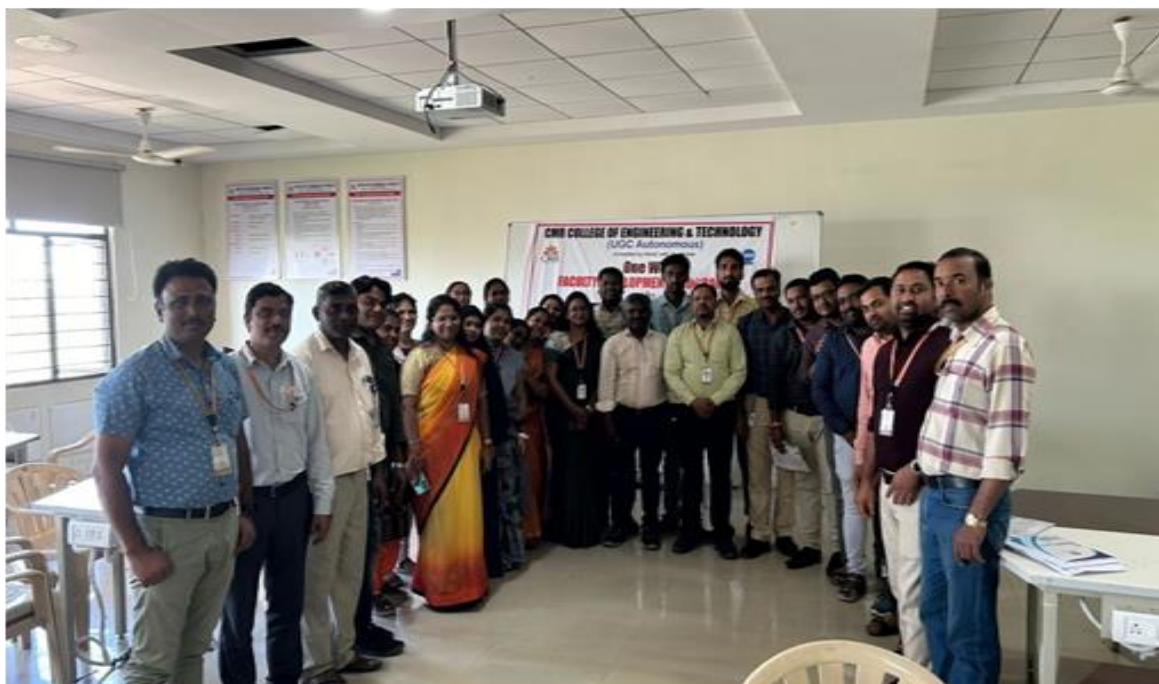


Certificate Distribution:











112-One week Workshop On Arduino Programming and its Application

CMR College of Engineering & Technology under the umbrella of Centre for Engineering Education Research (CEER) has organized one week Workshop on “Arduino Programming and its application for I B.Tech II semester all sections under Engineering Exploration & Practice Course” from 29th April 2024 to 05th May 2024.

This Workshop is very useful for their EEP Lab Course.

Content Covered

- Basics about Arduino
- Execution of Arduino Programs
- Basic Circuit Connections using Tinkercad Software

Workshop Schedule:

S.NO.	DAY	CLASS	FACULTY-1	FACULTY-2	FACULTY-3	LAB VENUE	FACULTY-4
1	MONDAY (29/04/2024)	I-CSE-02	Mr. G Karthik Reddy	Mr. K. Ravi Naik	Ms. A. Samatha	Room No. 122, B-1	
2		I-CSD-01	Mr. P. Mahesh Babu	Mr. B. Kondalu	Mr. B. Bharath	Room No. 203, B-3	
3		I-CSE-04	Mr. B. Bala Krishna	Mrs. P. Tulasi Reddy	Mr. P. Ramesh	Room No. 302, B-3	
4		I-ECE-02	Mr. K. Raju	Mrs. T. Lavanya	Mrs. G. Bhanu Priya	Room No. 303, B-3	
5	TUESDAY (30/04/2024)	I-CSC-01	Mr. B. Venkateshwara Rao	Ms. Adiba Sultana	Mrs. G. Bhanu Priya	Room No. 122, B-1	
6		I-CSM-06	Mr. K. Ravi Kiran	Mr. K. Nagendra Prasad	Mr. P. Ramesh	Room No. 203, B-3	
7		I-CSE-03	Mr. K. Raju	Ms. B. Akhila	Ms. A. Samatha	Room No. 302, B-3	
8		I-CSM-02	Mrs. R. Sathiyakala	Mrs. P. Tulasi Reddy	Mr. B. Bharath	Room No. 303, B-3	
9	WEDNESDAY (01/05/2024)	I-CSM-01	Mr. P. Mahesh Babu	Mr. G. Bhanu Priya	Ms. A. Samatha	Room No. 122, B-1	
10		I-CSC-02	Ms. B. Akhila	Mrs. P. Tulasi Reddy	Mr. P. Ramesh	Room No. 203, B-3	
11		I-CSE-05	Mr. K. Sathish	Mr. B. Kondalu	Ms. Adiba Sultana	Room No. 302, B-3	
12		I-EEE	Mrs. R. Sathiyakala	Mr. B. Bharath	Mr. G. Bhanu Priya	Room No. 303, B-3	
13	THURSDAY (02/05/2024)	I-CSE-06	Mr. B. Bala Krishna	Mrs. S. Vaishnavi	Mr. Naushad Alam	Room No. 122, B-1	
14		I-ECE-04	Mr. S. Suresh	Mrs. T. Lavanya	Mr. P. Ramesh	Room No. 203, B-3	
15		I-CSM-03	Mr. B. Venkateshwara Rao	Mr. K. Ravi Naik	Ms. Adiba Sultana	Room No. 302, B-3	
16		I-CSD-02	Mr. K. Ravi Kiran	Mr. K. Nagendra Prasad	Mr. B. Bharath	Room No. 303, B-3	Ms. B. Shireesha
17	FRIDAY (03/05/2024)	I-CSM-04	Mrs. R. Sathiyakala	Mr. K. Nagendra Prasad	Ms. A. Samatha	Room No. 122, B-1	Mr. G. Ramesh
18		I-CSD-03	Mr. K. Sathish	Mr. P. Ramesh	Mr. Naushad Alam	Room No. 203, B-3	
19		I-CSE-01	Mr. P. Mahesh Babu	Mr. Naushad Alam	Mrs. S. Vaishnavi	Room No. 302, B-3	Ms. B. Shireesha
20		I-CSE-07	Mr. S. Suresh	Mrs. T. Lavanya	Mr. G. Bhanu Priya	Room No. 303, B-3	
21	SATURDAY (04/05/2024)	I-CE/ME	Mr. S. Suresh	Mrs. S. Vaishnavi	Mr. Naushad Alam	Room No. 122, B-1	
22		I-ECE-03	Mr. G Karthik Reddy	Mrs. G. Bhanu Priya	Mr. P. Ramesh	Room No. 203, B-3	
23		I-ECE-01	Mr. B. Venkateshwara Rao	Mr. B. Kondalu	Mr. B. Bharath	Room No. 302, B-3	
24		I-CSM-05	Mr. K. Raju	Ms. A. Samatha	Ms. Adiba Sultana	Room No. 303, B-3	

Workshop Session Photos:



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(UGC Autonomous)

Accredited by NAAC with 'A+' Grade



ONE WEEK

STUDENT WORKSHOP FOR FRESHMEN

On

Arduino Programming and its Applications

29/04/2024 to 04/05/2024

Organized By

CENTRE FOR ENGINEERING EDUCATION RESEARCH





113 - "B2B Competition"

An Inter project Competition for II year students on 13th July 2024

B2B Competition (*A Inter Project Competition for II year Students*) at CMR College of Engineering & Technology, Kandlakoya, Medchal on **13th July 2024**. This is a best platform for the students to show case their talent and interact with other students, teachers, faculty of Engineering college and other experts of academics.

This Project competition motivates students and drives them to put forth their best efforts. It sparks interest, passion and ignites a fire within. Participants are encouraged to improve themselves and learn a new technique. Winning is just an added bonus. It keeps students aligned with the purpose and process while practicing good sportsmanship.

Participation Details:

Total 80 projects were registered for the inter project competition from all branches of II year students. Out of which 35 were short listed from the following branches of II year students for participating in the competition.

1. Civil Engineering
2. Computer Science & Engineering
3. Computer Science & Data Structures
4. Electronics and Communication Engineering
5. Electrical and Electronics Engineering

Jury Members and evaluation process:

Evaluation was done in two rounds in which 9 best projects were short listed in first round and



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

best 3 teams were short listed in second round.

Dr. Ashwin Kumar Myakalwar, Physics Dept, ICFAI University

Mr.P.Sumanth,Startup Entrepreneur

Winning Teams:

Among 80 registered projects, 35 were short listed for participating in the expo out of which 3 projects with following titles were selected as best projects by jury members

v **Pen shaped Mouse** ----- 1st Prize-₹3000

(Team Leader – S.Varun Gowd-22H51A04C3)

v **Surveillance Wizard** -----2nd Prize-₹2000

(Team Leader – A.Kowshik Reddy-22H51A0570)

v **Hoist Create** -----3rd Prize-₹1000

(Team Leader – S.Shivendra-22H51A0577)

EVENT PHOTOS:



CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)
Accredited by NAAC with 'A+' Grade

B2B (Bud to Business)
Inter Project Competition of
SOCIAL INNOVATION IN PRACTICE PROJECTS
(A.Y 2023-24 IV SEM)
13-07-2024
Organized By
CENTRE FOR ENGINEERING EDUCATION RESEARCH









CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC AUTONOMOUS)
Accredited by NAAC with 'A+' Grade

B2B (Bud to Business)

Inter Project Competition of
**SOCIAL INNOVATION IN PRACTICE
PROJECTS (A.Y 2023-24 IV SEM)**

13/07/2024 (SATURDAY)

**I PRIZE: 3000/- II PRIZE: 2000/-
III PRIZE: 1000/-**

 **Hurry up**
**LIMITED
PROJECTS
ONLY**

For Details
Contact Faculty
Coordinator
**99667 85688
80742 26458**

**SCAN THIS QR CODE
TO REGISTER**

**SHORTLISTED
PROJECTS
WILL BE INTIMATED
THROUGH MAIL**

LAST DATE TO APPLY IS 05/07/2024

**REGISTRATION FEE
SHORTLISTED TEAMS TO PAY ₹350/- PER TEAM**

Organized By
CENTRE FOR ENGINEERING EDUCATION RESEARCH



CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)
Accredited by NAAC with 'A+' Grade
Kandlakoya, Medchal Road, Hyderabad-501 401

Bud to Business (B2B)
Inter Project Competition of
SOCIAL INNOVATION IN PRACTICE

PARTICIPATION CERTIFICATE

Mr/Ms..... bearing R.No
has presented a project titled..... in
Bud to Business (B2B) - **Inter Project Competition of Social Innovation in Practice**
(A.Y 2023-24 IV SEM) organized by Centre for Engineering Education Research
held on 13th July 2024 at CMR College of Engineering & Technology.

Coordinator B2B Head of the Department CEER Principal CMRCET



సీఎంఆర్ లో ప్రాజెక్టు ఎక్స్ పో

మేడల్, జులై 13: గుండ్రపోచంపల్లి మున్సిపాలిటీ కండ్ల కోయలోని సీఎంఆర్ సెట్ లో శనివారం బీటూబీ(బడ్ టూ బిజినెస్) పేరుతో ప్రాజెక్టు ఎక్స్ పో నిర్వహించారు. కళాశాలకు చెందిన 300 జట్లు సామాజిక ఆవిష్కరణల ప్రదర్శనలు ఇచ్చారు. అందులో 89 ఉత్తమమైన ప్రదర్శనలను ఎంపిక చేశారు. వాటిలో ప్రథమ, ద్వితీయ, తృతీయ స్థానాలకు ఎంపికైన జట్లకు కళాశాల చైర్మన్ గోపాల్ రెడ్డి, సీఈవో అభినవ్ రెడ్డి, ప్రిన్సిపాల్ వీఎ నారాయణ నగడు బహుమతితో పాటు ప్రశంసా పత్రాలను అందజేశారు. కార్యక్రమంలో డాక్టర్ దేవదాస్, సీఈఈఆర్ హెడ్ సురేశ్ రాం, వివిధ శాఖల హెచ్ఎంజీలు, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.



ప్రశంసా పత్రాలు, బహుమతుల అందుకున్న విద్యార్థులతో అధ్యాపకులు

114-"PRAKALP PRADARSHAN Competition"

An Inter project Competition for I year students on 13th July 2024

PRAKALP PRADARSHAN Competition (A Inter Project Competition for I year Students) at CMR College of Engineering & Technology, Kandlakoya, Medchal on 13th July 2024. This is a best platform for the students to show case their talent and interact with other students, teachers, faculty of Engineering college and other experts of academics.

This Project competition motivates students and drives them to put forth their best efforts. It sparks interest, passion and ignites a fire within. Participants are encouraged to improve themselves and learn a new technique. Winning is just an added bonus. It keeps students aligned with the purpose and process while practicing good sportsmanship.



Participation Details:

Total 109 projects were registered for the inter project competition from all branches of I year students. Out of which 54 were short listed from the following branches of I year students for participating in the competition.

1. Civil Engineering
2. Computer Science & Engineering
3. Mechanical Engineering
4. Computer Science & Machine Learning
5. Computer Science & Data Structures
6. Electrical & Electronics Engineering
7. Electronics & Communication Engineering

Jury Members and evaluation process:

Evaluation was done in two rounds in which 9 best projects were short listed in first round and best 3 teams were short listed in second round.

Dr. C. Padmini, ECE Dept, Vardhaman college of Engineering

Dr. V. Jyothi, ECE Dept, Vardhaman college of Engineering

Ch.Ravikiran , Managing Director, Impactek Engineering Private Limited.



Winning Teams:

Among 109 registered projects, 54 were short listed for participating in the expo out of which 3 projects with following titles were selected as best projects by jury members

v **Smart BMI Pratibimb** ----- 1st Prize-₹3000

(Team Leader – **SUKURU SAIRAM KARTHIK-23H51A05EG**)

v **BLISS Baby Basket** ----- 2nd Prize-₹2000

(Team Leader – **Ramayanam Pragnesh -23H51A04A8**)

v **Smart Traffic Adaptive Control System** ----- 3rd Prize-₹1000


(Team Leader – **K.Sathya Narayana-23H51A0543**)

EVENT PHOTOS:





CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC AUTONOMOUS)
Accredited by NAAC with 'A+' Grade



B2B (Bud to Business)
Inter Project Competition of
**SOCIAL INNOVATION IN PRACTICE
PROJECTS (A.Y 2023-24 IV SEM)**
13/07/2024 (SATURDAY)
**I PRIZE: 3000/- II PRIZE: 2000/-
III PRIZE: 1000/-**



Hurry up
**LIMITED
PROJECTS
ONLY**

For Details
Contact Faculty
Coordinator
**99667 85688
80742 26458**

**SCAN THIS QR CODE
TO REGISTER**

**SHORTLISTED
PROJECTS
WILL BE INTIMATED
THROUGH MAIL**

LAST DATE TO APPLY IS 05/07/2024
**REGISTRATION FEE
SHORTLISTED TEAMS TO PAY ₹350/- PER TEAM**

**Organized By
CENTRE FOR ENGINEERING EDUCATION RESEARCH**



CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)
Accredited by NAAC with 'A+' Grade

Prakalp Pradarshan
Inter Project Competition of
ENGINEERING EXPLORATION & PRACTICE
(A.Y 2023-24 | B.Tech II SEM)

13-07-2024
Organized By
CENTRE FOR ENGINEERING EDUCATION RESEARCH





115- 3-Day Faculty development Program On CNC Wood Router & Its Applications

CMR College of Engineering & Technology under the umbrella of Centre for Engineering Education Research (CEER) has organized a 3-Day Faculty Development Programme on “**CNC Wood Router & Its Applications**” from 4th July 2024 to 6th July 2024.

Total 23 faculty members attended the workshop from CMRCET. The FDP is very fruitful and useful for the participants.

<u>Content</u>	<u>Covered</u>
-----------------------	-----------------------

i) Introduction to CNC Wood Router & Artcam Pro 9.1 Software	
--	--

ii) 2D Design and 3D Designs	
------------------------------	--

iii) Types of Drill bit used in CNC Wood Router	
---	--

iv) Dust Collectors	
---------------------	--

FDP Session Photos:







116-3-Day Faculty Development Programme on Introduction to Social Innovation

25th to 27th July 2024

CMR College of Engineering & Technology is sponsored by the MGR Educational Society, which was established in 2002. The Vision of the institution is to remain a premier academic institution striving continuously for excellence in technical education, research and render technological services to the nation.

We have started practicing the Project Based Learning (PBL) at our campus from A.Y 2024-2025. We are practicing Project Based Learning by introducing three courses namely Introduction to Social Innovation, Engineering Exploration & Practice, Social Innovation in Practice. These courses provide student centred learning environment. 900+ Projects/Prototypes/Models were implemented and some of them are deployed in various communities. The FDP is scheduled to train the faculty so that they may implement these courses at their institution. The FDP also planned to share knowledge, experiences, achievements, resources required, recognitions and challenges being faced during the execution over the past Seven years.

Total 18 faculty have attended the workshop from CMRCET.
The FDP is very fruitful and useful for the participants.

Content Covered

Community Study

Engineering Design Social Innovation Across Four Sectors

Stages of Social Innovation

Engineering Ethics

Steps for Patent filing and Startups, Poster presentation

EVENT PHOTOS

CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)
Accredited by NAAC with 'A+' Grade

3-DAY FACULTY DEVELOPMENT PROGRAMME

INTRODUCTION TO SOCIAL INNOVATION

On
25/07/2024 to 27/07/2024
Organized By
CENTRE FOR ENGINEERING EDUCATION RESEARCH





