CENTRE FOR ENGINEERING EDUCATION RESEARCH
LIST OF EVENTS CONDUCTED/PARTICPATED BY CEE

A.Year-2021-2022

3.Community partners meet &Demo of Advanced grassroots innovations on 31st July 2021

CMR College of Engineering & Technology under the umbrella of Centre for Engineering Education Research (CEER) has organized *"Community Partners Meet"* and *"Demo of Advanced Grass Roots Innovation"* meet on 31stJuly 2021. This meet created a platform to interact with NGOs, Sarpanches, Counselors, Academicians and Farmers from different places and discuss the issues of the community and come up with the better solutions.

As we are aware that, according to the latest national educational policy guidelines, School and colleges have to take certain responsibilities, namely to relate and build themselves with the surrounding community, both in identifying and sharing common goals or values and in strategically mobilizing resources to address needs or enhance opportunities of the nearby community.

The Meet started with the lighting of lamp by the Chief Guest **Sri. NanduriSatya Surya Prasad**Garu, **DEO MEDCHAL,** Guest of Honor **Smt Marri Deepika Narsimha Reddy (Chairperson Medchal Municipality),** special guests**Cheerla Ramesh** (*vice-chairperson-Medical Municipality) and* **BodduSubhashChandar(Grassroots Entrepreneur**) respectively. CMRGI CEO Mr Abhinav Reddy, CMRCET Principal Major Dr V.A Narayana, Dean FSA and senior faculty of CEER Smt Dr Fatima Mary, CEER HOD Dr Kotishwar.A are among the others.

While addressing the gathering Chief Guest specified about the importance of Education and how the students can help the society with the technology change. Other dignitaries also shared about their views and enlightened the audience with their experience. This meet provided wonderful opportunity to interact and establish reliable networking with the globally reputed leaders of academia and community partners. Total 34 participated in this meet out of which there are 9 farmers, 7 Teachers, 7 Sarpanchs, and 11 NGOs from different villages and places. They introduced themselves and also expressed their intentions for being part of this meet. This platform gave an opportunity for all of us to know the views of the NGO's, Farmers and how we colleges and schools can help each other for the better society. This meet also show cased the projects implemented by the students of CMRCET related to the issues they observed during their community visit to the nearby villages.

The Outcomes of this meet:

- As planned it gave wide scope for debate and discussion on community issues.
- NGOs projected their work and stated how they can help farmers in every aspects of innovation.
- Two NGOs Youngistan Foundation and Well Wishers Foundation were really impressed by the efforts which the CMRCET has put to bring all the people together who work together for the society and came forward to tie-up an MOU with CMRCET.

- As per DEO's request the CMRCET and CEER team is ready to provide technical assistance to Tinkering LAB.

4. IUCEE STUDENT PROJECTS FOR PROBLEM BASED LEARNING (PPBL-2021)

CMR College of Engineering & Technology under the umbrella of Centre for Engineering Education Research (CEER) the faculty and students Schedule for identifying suitable projects for IUCEE STUDENT PROJECTS FOR PROBLEM BASED LEARNING (**PPBL-2021**).

S.no	Phase	Time	**PROJECT DETAILS**
1	Pre-Register in teams of Three	11th August by 11pm	
2	Orientation Webinar on Thursday	12th August by 7pm	
	The Project is divided into 5 phases		
3	**Problem Statement**: Preliminary findings and Abstract submission	26th August 2021	I – LOW COST, FIELD TESTING KITS FOR HONEY
4	**Explore:** Critical Thinking of various possibilities this problem can be solved within the constraints of design and functionality	Date will be announced later	
5	**Ideate:** Creative lab model prototype on paper	-----	
6	**Evaluate:** Lab Trials and Results and Analytical Conclusion	-----	
7	**Launch:** Paper submission	15th November 2021	
8	Team presentations of Preliminary Findings and Abstract will be made during the IUCEE Annual Student Summit	Sept 3-5, 2021	
9	Cash Prize(IUCEE Annual Student Forum 2022)	Jan 7 to 9, 2022	

QUALITY & STANDARDS

II – DISTILLATION UNITS FOR ESSENTIAL OILS

III – TOYS FOR AUTISTIC KIDS

IV – (WASTE) MANAGEMENT OF PERISHABLE FRUITS & VEGETABLES

V – BLOCK CHAIN MAPPING OF PRODUCT

Certificates:

5.MOU Signed with NGO

CMR College of Engineering & Technology has signed MOU with Well Wishers foundation (NGO) on 19/08/2021 under Centre for Engineering Education Research.

Well Wishers Foundation
"Give a little, Help a lot."

CMR GROUP OF INSTITUTIONS

1. About WELL WISHERS FOUNDATION

WELL WISHERS FOUNDATION is a non-profit organization. We are a group of students, we are engineers who want to spread awareness about the growing threats and we believe, we can improve the conditions of our environment.

We work for the environment and don't expect any recognition from people. We just want people to see our work and help us to achieve the greater goals. We are currently organizing every event for public cause with the help of our members and volunteers.

2. About CMR College of Engineering & Technology (CMRCET)

CMR College of Engineering & Technology (CMRCET) is sponsored by MGR Educational society, which was established in 2002. The college is located in 10 acres of serene environment which is lush green and free of pollution. All B. Tech programmes are accredited by NBA. A UGC Autonomous institute, it aims to be a premier academic institution striving continuously for excellence in technical in technical education, research and technological service to the nation.

2.1 Vision and Mission

The main Vision and Mission CMR College of Engineering & Technology (CMRCET) organization are as follows:
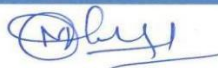
Vision

Our Vision is to remain a premier academic institution striving continuously for excellence in technical education, research and render technological services to the nation.

Mission

• Our Mission is to create and sustain a community of learning in which students acquire knowledge and learn to apply it professionally with a concern for the society.

• Pursue and Disseminate Research Findings and Offer Knowledge-Based Technological. Services to Satisfy the Needs of Society and the Industry.

• Promote Professional Ethics, Leadership Qualities and Social Responsibilities.

Email:wellwishersfoundation25@gmail.com**Web:** www.well-wishersfoundation.com

Well Wishers Foundation

"Give a little, Help a lot."

3. Objective of Memorandum of Understanding (MOU)

- To impart knowledge on programming, design, thinking & entrepreneurship to needy students.
- To create awareness among all the students and faculty in helping the needy.
- To motivate all the students and faculty towards sciences and research. .
- To work towards a policy change favouring society in all walks of life.

4. Institutional Commitment

Institution will carry out the activities, which are specific to WELL WISHERS FOUNDATION, as per details given below:

i) **Workshop for the students and faculty-** These activity will be conducted once in a year in the form of a workshop/Seminar for the students and faculty.

ii) **Participation in WELL WISHERS FOUNDATION-** The faculty and students will participate in activities of WELL WISHERS FOUNDATION (Such as summer camps/seminars/Workshops etc.) outside the CMRCET, at least twice in a year.

iii) Subscription for WELL WISHERS FOUNDATION magazine.

iv) Institute may provide facilities to launch "WELL WISHERS FOUNDATION Technology Center" at CMRCET, to impart knowledge on programming, design, thinking & entrepreneurship to students as and when facilities are ready as per the terms and conditions laid out by the institute.

5. Commitment of Community Partner

i) To conduct Workshop/Seminar for the students and faculty at least once in a year

ii) WELL WISHERS FOUNDATION will provide Internship to the students.

Well Wishers Foundation
"Give a little, Help a lot."

MEMORANDUM OF UNDERSTANDING

The general objective of this Memorandum of Understanding (MOU) is to stimulate and facilitate the development of collaborative and mutually beneficial programs related to students and needy who serve to enhance the better life on both organizations. Thus, WELL WISHERS FOUNDATION and CMR College of Engineering & Technology have agreed that in support of their mutual interests in the field of Free or Open Source Softwares(FOSS):

The MOU states that the two organizations will honor the agreement by Promoting interaction between WELL WISHERS FOUNDATION and CMR College of Engineering & Technology in mutually beneficial areas of

- Sharing the knowledge and capability in the concern areas for mutual benefits and become trusted partners in the area of Education and betterment of Society.
- Facilitate work from CMR College of Engineering & Technology students/faculties and vice versa related to development and future enhancement of the poor people.
- To collaborate, share information and technology to develop the required skills needed for the society.
- To offer internship for students on the area of Innovation, Entrepreneurship and development.
- To support the institute in following activities
  - o Capability development of the students.
  - o Workshops, Conclave, seminars, Events.

The Memorandum signed will be the guiding document for both the parties for execution of the actions and initiatives in the near future. Both the organizations will encourage its members to define the overall strategy and roadmap to carry out the action points contained in it and report on the progress achieved at regular intervals.

This agreement will take effect from the date of its signing and shall be valid for a period of three years from that date unless sooner terminated, revoked or modified by mutual written agreement between Parties, and may be extended by mutual written agreement.

Email: wellwishersfoundation25@gmail.com **Web:** www.well-wishersfoundation.com

Well Wishers Foundation

Either party may terminate the Agreement at any time "Give a little, Help a lot."
of three months written notice to the other party.

CMR GROUP OF INSTITUTIONS

FOR CMR COLLEGE OF ENGINEERTNG &TECHNOLOGY	FOR WELL WISHERS FOUNDATION
Name: Mason Dr V. A.narayana	Name: E.Mohan Reddy
Title: Principal	Title: Foorder
Date: 19 Aug 2021	Date: 19/8/2021
Sign:	Sign:

PRINCIPAL
CMR COLLEGE OF ENGG & TECH.
Kandlakoya (V), Medchal Road,
Hyderabad-501401.

WELL WISHERS FOUNDATION
Flot No:99,100, Gundla Pochampally
Medchal (Dist), Hyderabad-500100
Ph:8639239454

Photograph with Well wishers foundation

6.CEER Faculty visit to ATAL Labs

Centre for Engineering Education Research organized ATAL Labs training for ZPHS schools. On this view CEER faculties visited different villages on 27[th]August 2021 and faculty interacted with head masters and teachers. This programme scheduled for 9 weeks according to syllabus.

7.Student participation in Project Expo-Sri PadmavatiUniversity,Tirupati

Centre for Engineering Education Research (CEER) faculty coordinated students to participate in National Entrepreneurship Competition held by Sri Padmavati Mahila Visvavidyalayam, Tirupati. On occasion of Bharat ka Amrit Mahotsav. During this event 8 faculties participated along with 8 teams of 31 students in this project expo.

Project details:

- Immersive Automatic Water Heater
- Video controlling hand gestured system
- Automatic side stand retrieval system
- Sewage Cleaning machine
- Fruit Plucker
- Distraction and drowsiness detection device for driver's
- College bus tracking
- Smart ceiling fan

Certificates:

8. Awareness camp on Eco friendly Ganesha Idols in Rural Villages

CMR College of Engineering & Technology under the umbrella of Centre for Engineering Education Research (CEER) has organized "AWARENESS CAMP ON ECO-FRIENDLY GANESHA IDOLS" camp on 8th SEP 2021. The main objective of this awareness camp is to create awareness and educate villagers on using Clay Ganesh idols. In this campaign faculty members along with student volunteers interacted with, MPTC, ZPTC, Sarpanchs, Counselors, local youth and children. Discussed issues of using plaster of Paris and its consequences to the society. Enlightened the villagers about the importance of using clay.

Ganesh chaturthi is a festival celebrated all over the nation, where people across the nation establish ganesh idols in their homes, and most of the idols were prepared by plaster of Paris. We know how the

plaster of Paris is harmful to the environment, concerned with the adverse affects of it, we the members of CEER department from CMR College of engineering & technology came forward to create awareness in the society along with our students. CEER department took an initiative along with college management.

In this camp we have visited four villages yellampet ,ravalkole, rajabolaram, muneerabad , we conducted campaign in all these four villages, were MPTC, ZPTC chair persons, panchayat secretaries of the villages, villages arpanch, ward members, village heads, and local youth, children attended. These camps are conducted in gram panchayat offices and also at center of the villages.

Students from different departments have participated and they shared their ideas and explained the importance of using clay ganesh and encouraged all villagers to use clay ganesh idols and then the villagers took an oath to use clay ganesh idols in the future as well.

Students also brought clay along with them and gave live demo on how to prepare clay ganesh idols. Local children also learnt how to prepare clay ganesha and they also prepared along with the students.

CEER department faculty and students with cooperation of college management distributed clay ganesh idols to the gram panchayat his and other local government departments nearby.

13 members from CEER department and 35 students has participated in this eco-ganesh idols camp

List of the student VOULNTEERS participated in the camp

- R.SAICHARAN-CSM-20H51A6644
- YUVARAJSINGH-CSM-20H516627
- CH.SAKETH REDDY-CSM-20H516630
- D.R.LAKSHMI NARAYANA-CSM-20H51A6631
- K.SHARAN KUMAR-EEE-20H51A0217
- K.MANIDEEP-EEE-20H51A0216
- S.KRISHNA-EEE-20H51A0220
- B.PRAVEEN-CSE-20H51A0508
- RAHUL SAI.R-CSE-20H51A05J4
- S.KEERTHANA-CSM-20H51A66B7
- S.SUSRUTHA-ECE-20H51A62B2
- B.JESSY SANIA-ECE-20H51A04D7
- K.SWATHI-CSM-20H51A66A8

The Outcomes of this meet:

- the villagers took an oath to use clay ganesh idols in the future as well
- gram sarpanch promised that they will setup 10feet clay ganesha idol in ganesh pandal
- village canvas also will be held to encourage villagers to use clay ganesh

CMRCOLLEGEOFENGINEERING&TECHNOLOGY
(UGCAUTONOMOUS)
Approved by AICTE New Delhi, Permanently affiliated to
JNTUHAccreditedbyNAACwith'A+'Grade,AllB.TechProgrammesAccreditedbyNBA
Kandlakoya(V),MedchalRoad,Hyderabad-501401.

మట్టి గణపతులపై అవగాహన

మన తెలంగాణ/మేడ్చల్ : మట్టిగణపతులపై సిఎంఆర్ కాలేజ్ ఆఫ్ ఇంజినీరింగ్ అండ్ టెక్నాలజీ కళాశాలలోని సెంటర్ ఫర్ ఇంజినీరింగ్ ఎడ్యుకేషన్ రీసెర్చ్ ఆధ్వర్యంలో మండలంలోని పలు గ్రామాలల్లో అవగాహన కల్పించారు. ఈ సందర్భంగా మండలంలోని రాజబొల్లారం, ఎల్లంపేట, మునిరాబాద్, రావల్కోల్ గ్రామాల్లో మట్టి గణపతులను పంపిణి చేశారు. ప్లాస్టర్ ఆఫ్ ఫారిస్ విగ్రహాలను వాడడం వలన జీవవై విద్యం కలుషితమవుతుందని వివరించారు. కళాశాల కార్యదర్శి సి.హెచ్.గోపాల్రెడ్డి, కళాశాల ప్రిన్సిపాల్ మేజర్ డాక్టర్ వి. ఎ.నారాయణ, సీఈఈఆర హెచ్ఓడి కోటీశ్వర్, సురేశ్రామ్, మూసిని వెంకటేశ్వర్లు, అధ్యాపకులు, విద్యార్థులు, ఆయా గ్రామాల సర్పంచ్లు, స్థానిక ప్రజాప్రతినిధులు తదితరులు పాల్గొన్నారు.

మట్టి గణపతి విగ్రహాలపై అవగాహన కార్యక్రమం

నవభూమి,మేడ్చల్: గుండ్లపోచంపల్లి మున్సిపాలిటీ పరిధిలో సిఎంఆర్ సెట్ కళాశాల ఆధ్వర్యంలో వివిధ గ్రామాల్లో మట్టి గణేష్ విగ్రహాల పై అవగాహన కార్యక్రమం నిర్వహించారు .బుధవారం మండలంలోని ఎల్లంపేట, రావలకోల్, మునిరాబాద్ గ్రామాల్లో సిఎంఆర్ కళాశాల విద్యార్థులు మట్టి గణేష్ లను వాడటం లాభనష్టాలను ప్రజలకు వివరించారు. ఈ కార్యక్రమంలో ఎల్లంపేట సర్పంచ్ వెన్నెల రామకృష్ణ, మునిరాబాద్ సర్పంచ్ గణేష్, రావల్ కోల్ సర్పంచ్ మహేంద్ర, ఎం పి టి సి కుమార్ యాదవ్, కళాశాల కార్యదర్శి గోపాల్ రెడ్డి ,కళాశాల ప్రిన్సిపాల్ నారాయణ,విద్యార్థులు తదితరులు పాల్గొన్నారు.

మేడ్చల్   గురువారం 9 సెప్టెంబర్ 2021   నమస్తే తెలంగాణ

మట్టి వినాయకుల తయారీపై అవగాహన

మేడ్చల్ రూరల్, సెప్టెంబర్ 8 : గుండ్లపోచంపల్లి మున్సిపాలిటీ కండ్లకోయలోని సిఎంఆర్ సెట్ ఆధ్వర్యంలో మేడ్చల్ మండలంలోని రాజబొల్లారం, ఎల్లంపేట, మునీ రాబాద్, రావల్కోల్ గ్రామాల్లో మట్టి వినాయకుల తయారీపై అవగాహన కల్పించారు. ఈ సందర్భంగా కళాశాల సీఈఈఆర్(సెంటర్ ఫర్ ఇంజినీరింగ్ ఎడ్యుకేషన్ రీసెర్చ్) బాధ్యులు ప్లాస్టర్ ఆఫ్ ఫారిస్ వినియోగం వల్ల కలిగే నష్టాలు, మట్టి వినాయకుల వినియోగం వల్ల కలిగే లాభాలను వివరించారు. కార్యక్రమంలో కళాశాల కార్యదర్శి గోపాల్ రెడ్డి, ప్రిన్సిపాల్ నారాయణ, సీఈఈఆర్ హెచ్వోడీ కోటేశ్వర్, సురేశ్ రాం, మూసిని వెంకటేశ్వర్లు, మునీరాబాద్ సర్పంచ్ గణేష్, ఎల్లంపేట ఎంపీ టీసీ కుమార్యాదవ్, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.

నవరాత్రి ఉత్సవాలను ప్రశాంతంగా జరుపుకోవాలి

మునీరాబాద్లో తయారు చేసిన మట్టి వినాయకులను సర్పంచ్ గణేష్కు అందజేస్తున్న సీఈఈఆర్ బాధ్యులు

9.ZPHS Student training under ATAL innovation mission

Centre for Engineering Education Research(CEER) organized "**ATAL TINKERING LABS**" training for students in primary schools in Community partner Villages from 23rd OCT 2021 to 18thDEC 2021 (Duration of nine weeks). The list of faculty members and students are here attached below.

Sl. No.	ATAL Location	Faculty Name	Student Name
1	Bachupally	B Suresh Ram	Rahul SaiRanganathan
		R Venkateswara Reddy	AnushaPulipati
			Rishika
2	Medchal	T.Rajesh	K.Varsha
		N Chandrashekar Azad	M.V.Goutham
			DupathiShravani
3	Hasmadhpet	D.Ajay	G.Nitin
		K.Satish	Chitra
			Harsh Amilpur
4	Uppal	G.Karthik Reddy	Satvika
		P.MaheshBabu	Sreya
			S.Manikanta Reddy

10.Faculty Development Programme on Social Innovation

CMR College of Engineering & Technology under the umbrella of Centre for Engineering Education Research (CEER) has organized one week Faculty Development Programme on "Social Innovation" on 8th Nov 2021.

Schedule:

C M R COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC AUTONOMOUS)
Kandlakoya (V) , Medchal Road, Hyderabad, Telangana - 501 401
CENTRE FOR ENGINEERING EDUCATION RESEARCH (CEER)
One week Faculty Development Programme on "Social Innovation"
08 November 2021 - 13 November 2021
Schedule

Day	Session	Description	Resource Persons
Day-1	9:30am - 10:30am	Innagartion, Address by Principal & HOD	Ms. B. Archana
	10:30am-11:00am	Tea Break	
	11:00am-12:30am	Intoduction to Center for Engineering Education Research (CEER)	Mr. B. Suresh Ram
	12:30pm - 01:30pm	Lunch Break	
	01:30pm - 03:45 pm	Design Thinking	Mr. T. Rajesh & Mr. K. Satish
Day-2	9:30am-11:00am	Community Study	Mr. R. Venkateswara Reddy Mr. G. Karthik Reddy
	11:00am-11:15am	Tea Break	
	11:15am- 12:30pm	Activities on Community Studies	Mr. R. Venkateswara Reddy Mr. G. Karthik Reddy
	12:30pm - 01:30pm	Lunch Break	
	01:30pm - 03:45 pm	Social Innovation across Four Sectors	Mr. G. Karthik Reddy Mr. R. Venkateswara Reddy
Day-3	9:30am-11:00am	Social Innovation across Four Sectors	Mr. G. Karthik Reddy Mr. R. Venkateswara Reddy
	11:00am- 11:15am	Tea Break	
	11:15am-12:30pm	Stages of Social Innovation	Mr. R. Venkateswara Reddy Mr. V. Srinivas
	12:30pm - 01:30pm	Lunch Break	
	01:30pm-3:45pm	Stages of Social Innovation	Mr. R. Venkateswara Reddy Mr. V. Srinivas

Day	Session	Description	Resource Persons
Day-4	9:30am - 11:00am	Engineering Ethics	Ms. B. Archana Mr. P. Mahesh Babu
	11:00am -11:15am	Tea Break	
	11:15am-12:30am	Engineering Ethics	Ms. B. Archana Mr. P. Mahesh Babu
	12:30pm - 01:30pm	Lunch Break	
	01:30pm - 03:45 pm	Engineering Ethics	Ms. B. Archana Mr. P. Mahesh Babu
Day-5	9:30am - 11:00am	Intellectual Property Rights (IPR)	Mr. D. Ajay Ms. Ch. Neelima
	11:00am-11:15am	Tea Break	
	11:15am-12:30pm	Intellectual Property Rights (IPR)	Mr. D. Ajay Ms. Ch. Neelima
	12:30pm - 01:30pm	Lunch Break	
	01:30pm - 03:45 pm	TradeMark and Patent Filing	Mr. D. Ajay Mr. B. Suresh Ram
Day-6	9:30am - 10:30am	Grass root Innovations Discussion	T. Rajesh Mr. G. Karthik Reddy
	10:30am-11:00am	Tea Break	
	11:00am-12:30am	Project Room Visit	All CEER Faculty
	12:30pm - 01:30pm	Lunch Break	
	01:30pm - 03:45 pm	Key Takeaways, Feedback, Certificates Distribution Vote of Thanks	All CEER Faculty

Event activities photos:
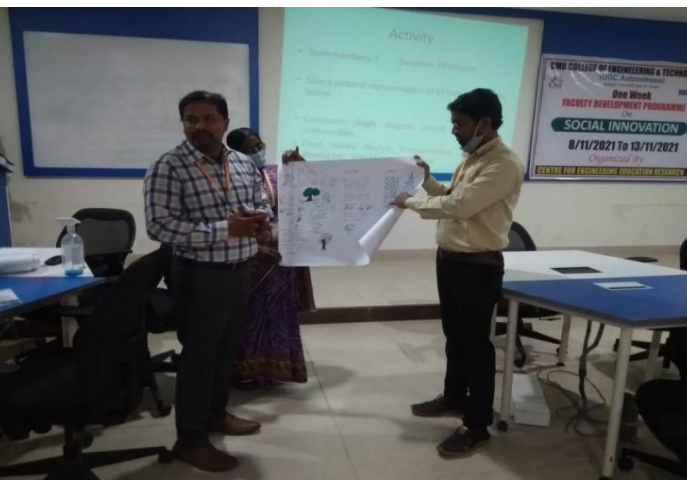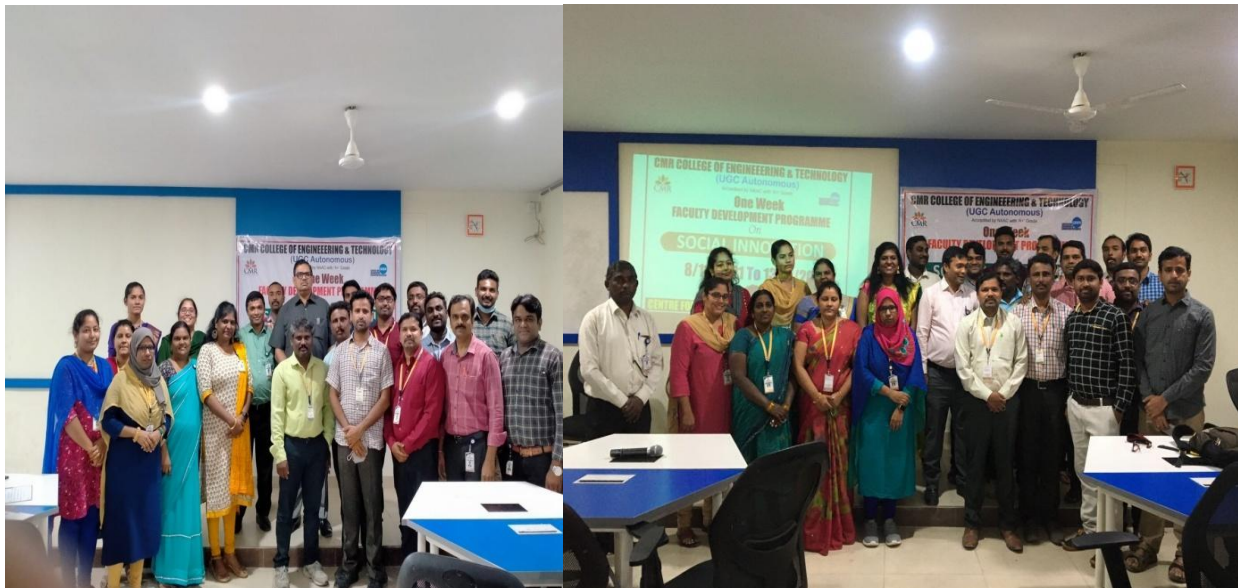
Certificates Distribution :

Media:

సీఎంఆర్లో సోషల్ ఇన్నోవేషన్పై శిక్షణ

శిక్షణ కార్యక్రమంలో పాల్గొన్న అధ్యాపకులు

మేడ్చల్రూరల్: గుండ్లపోచంపల్లి ముున్సిపాలిటీ పరిధి కందలకోయలోని సీఎంఆర్ సెట్ ఇంజనీరింగ్ కళాశాలలో సోషల్ ఇన్నోవేషన్ అనే అంశంపై అధ్యాపకులకు వారం రోజుల పాటు ఫ్యాకల్టీ డెవలప్మెంట్ కార్యక్రమం చేపట్టారు. ఈ కార్యక్రమంలో పాల్గొన్న అధ్యాపకులకు గ్రామాల్లోని సమస్యలు, వాటి పరిష్కార మార్గాలు, వివిధ పరిశోధనలు, పలు అంశాలపై నైపుణ్యాలను పెంపొందించుకునేందుకు ఎంతగానో ఉపయోగపడుతుందని సీఎంఆర్ కళాశాలల కార్యదర్శి గోపాల్రెడ్డి తెలిపారు. కార్యక్రమంలో ప్రిన్సిపల్ నారాయణ, హెచ్ఓడీ కోటేశ్వర్, సురేశ్, రాజేశ్, వెంకటేశ్వర్లు, శ్రీను పాల్గొన్నారు.

నమస్తే తెలంగాణ

బోధన మెరుగుకు ఎఫ్డీపీలు దోహదం

ఎఫ్డీపీలో పాల్గొన్న అధ్యాపకులు

మేడ్చల్ రూరల్, నవంబర్ 11 : విద్యాబోధనను మెరుగుపర్చుకోవడానికి ఎఫ్డీపీ (ఫ్యాకల్టీ డెవలప్మెంట్ ప్రోగ్రాం)లు దోహదం చేస్తాయని సీఎంఆర్ విద్యా సంస్థల కార్యదర్శి చామకూర గోపాల్ రెడ్డి పేర్కొన్నారు. గుండ్లపోచంపల్లి మున్సిపాలిటీలో కందకోయలోని సీఎంఆర్ ఇంజినీరింగ్ కళాశాలలో గురువారం సీఈఈఆర్(సెంటర్ ఫర్ ఇంజినీరింగ్ ఎడ్యుకేషన్ రీసెర్చ్) ఆధ్వర్యంలో ఫ్యాకల్టీ అభివృద్ధి కార్యక్రమాన్ని నిర్వహించారు. సోషల్ ఇన్నోవేషన్ అంశంపై సమావేశం నిర్వహించారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ విద్యార్థుల్లో దాగి ఉన్న సృజనాత్మక, ఉత్పనకత, ఉపశక్తిని వెలికి తీయడానికి ఈ శిక్షణా కార్యక్రమం అధ్యాపకులకు ఉపయోగపడుతుందని తెలిపారు. కార్యక్రమంలో సీఎంఆర్ విద్యా సంస్థల సభ్యుడు శ్రీశైలం రెడ్డి, ప్రిన్సిపాల్ నారాయణ, సీఈఈఆర్ హెచ్.వోడీ కోటేశ్వర్, సురేశ్, రాజేశ్, వెంకటేశ్ రెడ్డి, అజయ్ , అర్చన , నీలిమ , ఆజాద్, మహేశ్ బాబు, సతీశ్ , ప్రవీణ్, కీర్తన, ప్రతి, పద్మ, వెంకటేశ్వర్లు పాల్గొన్నారు.

పరకాల మతంలో పూజలు
Date : 12/11/2021 EditionName : Medchal PageNo : Page 05

Outcomes of the FDP:

The participants are able to

- Illustrate the factors affecting social innovation
- Illustrate the impact of social innovation in various sectors
- Adopt the ethical values in doing innovation, which leads to betterment of society
- Summing up of several social issues to be addressed
- Analyze the feasibility and economical factors.

11. IUCEE-online course on Ethics

Centre for Engineering Education Research faculty members attended 8 weeks online course on **"Ethics"** which is started on 18th Nov 2021. To this online course 15 faculty members along 45 students attended the course.

Vedula, Krishna M 4:58 PM
to me

Indo Universal Collaboration for Engineering Education
I U C E E FOUNDATION

IUCEE Course on Engineering Ethics – Valedictory Session

Dear Archana Bathula

Congratulations ! You have completed the IUCEE Course on Engineering Ethics with a grade of "Excellent"

Please join:

Valedictory Session on Monday 14 March at 7:00 pm IST

Join Zoom Meeting

https://us02web.zoom.us/j/89952780339?pwd=

5:22

7 pm External Inbox

Vedula, Krishna M 5:05 pm
to me

Indo Universal Collaboration for Engineering Education
I U C E E FOUNDATION

IUCEE Course on Engineering Ethics – Valedictory Session

Dear Karthik Reddy G

Congratulations ! You have completed the IUCEE Course on Engineering Ethics with a grade of "Satisfactory"

Please join:

Valedictory Session on Monday 14 March at 7:00 pm IST

Join Zoom Meeting

https://us02web.zoom.us/j/89952780339?pwd=aXd2MVFaaEY4YzhvdTFmb0JOZnNndz09

18:38 ⊕⊕⊕ ·   🔔 📶 Vol) .ıl 39% 🔋

←   ⬇ 🗑 ✉ ⋮

V to me ∨

Indo Universal Collaboration for Engineering Education
IUCEE FOUNDATION

IUCEE Course on Engineering Ethics – Valedictory Session

Dear Chowtapalli Neelima

Congratulations ! You have completed the IUCEE Course on Engineering Ethics with a grade of "Excellent"

Please join:

Valedictory Session on Monday 14 March at 7:00 pm IST

Join Zoom Meeting

https://us02web.zoom.us/j/89952780339?pwd=aXd2MVFaaEY4YzhvdTFmb0JOZnNndz09

Best Wishes

Krishna Vedula

Executive Director, Indo Universal Collaboration for Engineering Education (IUCEE)

Dean Emeritus, University of Massachusetts Lowell

https://iucee.org/

||| ◯   <

Indo Universal Collaboration for Engineering Education
IUCEE FOUNDATION
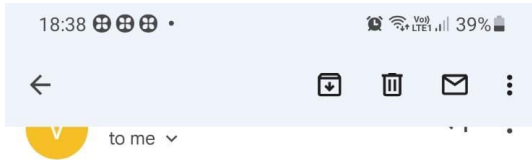
IUCEE Course on Engineering Ethics – Valedictory Session

Dear Pidaparthy Maheshbabu

Congratulations ! You have completed the IUCEE Course on Engineering Ethics with a grade of "Excellent"

IUCEE Course on Engineering Ethics – Valedictory Session

Dear Sathish Kayyam

Congratulations ! You have completed the IUCEE Course on Engineering Ethics with a grade of "Excellent"

12. ZPHS Students field visit to Birla Science Museum

On the 13th November, 2021 the students of Class I to VIII of ZPH School, Yellampet were privileged to visit the Birla Science Museum as an educational trip. Early morning at 8:00 on Saturday the students of class I to VIII assembled near the room as Head master gave us instructions before our departure. We boarded the buses allotted for the respective classes. It was a fun ride to the Birla Museum through the lanes and sprawling roads of Hyderabad. Finally, we arrived at our destination. It was a large building, surrounded by greenery and on the concrete banner to the entrance of the large compound were the words, "Birla Science Museum"

The B.M. Birla Science Museum, inaugurated in 1990 has designed hands-on exhibits based on simple laws of physics, perception, mechanics, optical illusions through mathematical puzzles, optics, electricity and magnetism, vibrations and sound, energy and motors, electronics and Hi-tech to topics like Environment. Here the students can discover the magic of science!!

The Archaeological Museum at BACRI exhibits a variety of unique archaeological objects, both excavated and collected. The galleries are arranged in chronological order to better showcase history as a coherent whole. The objects on display include excavated artifacts, items of pre-, early historic and megalithic periods, stone sculptures of Hindu, Buddhist and Jain culture and wood carvings. Bronze and temple ware, miniature paintings of historical schools of art, palm-leaf manuscripts and illustrated manuscripts are some of the other artifacts visitors can take in.

The Nirmala Birla Art Gallery / Dolls Museum located next to the Archaeological Galleries exhibits a varied collection of art objects amassed and contributed by Mrs Nirmala Birla, Chairperson of BACRI, and other members of the Birla family. The art objects on display include porcelain, glass, plaster of Paris, jade, crystal, sterling silver, mother of pearl, wood carvings and ivory.

The Room Royal of the Archaeological Museum houses a pre-Mutiny curtain dating to the time of poet king, Bahadur Shah Zafar. It is crafted in zardozi, a craft that was local to the Mughal capitals of Agra and Delhi. Zardozi is Persian embroidery usually done with gold wire and precious stones. This room also houses rare manuscripts, miniature paintings and a handwritten manuscript of Nobel laureate and Bengali poet, Rabindranath Tagore.

After a group of photograph they visited **Museum** and lunch hundreds of photographs in the premises were taken, they returned at 8:30 pm to the school.

Outcomes:

1. Museums teach **critical thinking, empathy,** and other generally important skills and dispositions.

2. Trips to museums help **get kids excited about school subjects**.

3. Museums teach **subject-specific content and skills**.

4. Museums **expand the general world knowledge** of students.

5. Museum visits **increase students' cultural capital**; in turn, school groups help museums reach non-traditional museum goers.

13. Student Education Survey Data Collection

Faculty and students visited different villages, districts of Mahaboobnagar and Ranga reddy on 13.11.2021 and done the survey on '**Impact of Covid-19 pandemic on school education in suburban and rural areas**'. The outcome of this survey is to help the students to study in Government school by providing Good Infrastructure and ICT tools.

14.Faculty visit to ZPHS Schools for Academic Training

Centre for Engineering Education Research organized academic training for ZPHS schools. On this view faculty and students visited 6 different villages Muneerabad, Ravalkole, Yellampet, Rajabollaram, Pudur and Medchal on 20th Nov 2021 for academic training programme to teach Mathematics and Physics along with 4 students to each school.

In this faculty visit we interacted with head masters and concerned subject teachers about which topics/chapters need to be covered and about syllabus coverage. So that further training programme can scheduled for 9 weeks according to syllabus.

15. Project Expo On Orientation Program

Centre for Engineering Education Research Conducted Project Expo on Orientation Day 25 November,2021.*Guest:CH.Malla Reddy Garu* Visited our Campus on this Orientation day and He Appreciated the students for their new innovations. Few Parents Were So impressed and learnt new innovations during the Visit.
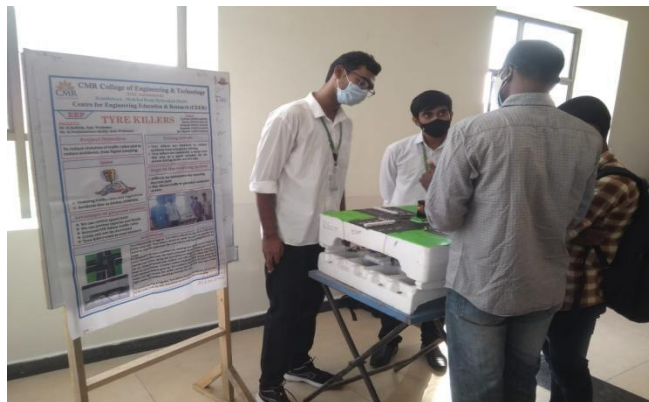
16.Academic training for ZPHS students

Centre for Engineering Education Research organized academic training for ZPHS schools. This program is scheduled for 9 weeks .On this view faculty and students visiting 6 schools to every Saturday. Thevillages which are under this program are Muneerabad, Ravalkole, Yellampet, Rajabollaram, Pudur and Medchal from 20th Nov 2021 onwards. During this period students teach academic subjects like mathematics and Science as part of training programme.

17.Project Expo during NBA Inspection

Centre for Engineering Education Research organized Project Expo during NBA inspection on 3rd Dec 2021. On this event all students explained project done by them in social innovation and Engineering exploration labs.

18. I B.Tech Students Community Visit from 3 Jan 2022 to 7 Jan 2022

As part of the "INTRODUCTION TO SOCIAL INOVATION" course, Community visits are scheduled from 3rd January 2022 to 7th January2022. The following is the schedule for the respective sections.

s.no	date	day	sections	village
1	3/1/2022	MONDAY	S07	Railapur
2			S09	Srirangavaram
3			S19	Athweli
4			S20	Girmapur
5	4/1/2022	TUESDAY	S01	Gowdavelli
6			S02	Yellampet
7			S08	Dabilpur
8			S17	Maisireddypally
9	5/1/2022	WEDNESDAY	S03	Ravalkole
10			S05	Muneerabad
11			S11	Nuthankal
12			S04	Kistapur
13	6/1/2022	THURSDAY	S06	Rajbollaram
14			S13	Somaram
15			S18	Kothuru
16			S12	banda mailaram
17	7/1/2022	FRIDAY	S16	kokanda
18			S14	konaipally
19			S10	Ghanpur
20			S15	Pudur

CMRCET College Campus

Day 1: 03/01/2022 on Monday

Faculty: MrsCh.Neelima& B Balakrishna
Section: S07
Place:Railapur

Faculty: Ms.Md.Asma&Mr.K Sathish
Section: S09

Place:Srirangavaram

Faculty: Mrs.K. Narmada &Mr.V.Srinivas
Section: S19
Place:Athweli

Faculty: Mr.B. Venkateshwar Rao &Ms.K Ramani
Section: S20
Place:Girmapur

Day 2: 04/01/2022 on Tuesday

Faculty: B Balakrishna & Mrs. Shilparani .H. Rajapur
Section: S01
Place:Gowdavelli

CMRCOLLEGEOFENGINEERING&TECHNOLOGY
(UGCAUTONOMOUS)

Approved by AICTE New Delhi, Permanently affiliated to
JNTUHAccreditedbyNAACwith'A+'Grade,AllB.TechProgrammesAccreditedbyNBA

Kandlakoya(V),MedchalRoad,Hyderabad-501401.

Faculty: Mr.K. Raju &Mrs.K. Narmada
Section: S02
Place:Yellampet

Faculty: Mr.B. Venkateshwar Rao &MrsPrathiba
Section: S08
Place:Dabilipur

Faculty: Mr.T. Rajesh &Ms.K Ramani
Section: S17
Place:Maisireddipally

Day 3: 05/01/2022 on Wednesday

Faculty: Mr.P. Mahesh Babu &Mrs.K. Narmada
Section: S03
Place:Ravalkole

Faculty: Mr.G. Karthik Reddy &Ms.K Ramani
Section: S05
Place:Muneerabad
Faculty: Ms.B.Archana&Mr.K. Raju
Section: S11
Place:Nuthankal

Faculty: Ms.Asma&Mr.R Venkateshwara Reddy
Section: S04
Place:Kistapur

Day 4: 06/01/2022 on Thursday

Faculty: Mr.G. Karthik Reddy &Ms.K Ramani
Section: S06
Place:Rajbollaram

Faculty: Mr.K. Raju &Ms.B.Archana
Section: S13
Place:Somaram

Faculty: Mr.B. Venkateshwar Rao & B Balakrishna
Section: S18
Place:Kothuru

Faculty: Mr.P. Mahesh Babu &Ms.Md.Asma
Section: S12
Place: Banda Mailaram

Day 5: 07/01/2022 on Friday

Faculty: Mr. B Balakrishna &Mrs.Prathiba
Section: S16
Place:Kokanda

Faculty: Mr.D.Ajay&Ms.K Ramani
Section: S14
Place:Konaipalli

Faculty: Mr.B. Venkateshwar Rao &Mrs.Padma
Section: S10
Place:Ghanpur

Faculty: Mrs. Shilparani.H. Rajapur&Mr.K.Raju
Section: S15
Place:Pudur

section:S20
faculty:B.Venkateshwararao&Ms. Ramani
place:Girmapur.

19. IUCEE -International conference on Transformation On Engineering Education

Faculty members from centre for engineering education research(CEER) and students attended 3 days online conference on "TRANSFORMATION ON ENGINEERING EDUCATION", which was held from 7 Jan to 9 Jan 2022 by IUCEE. The estimated budget for to attend this online conference is Rs.7,500/-. The list of faculty and students attended the conference attached below.

List of Faculty

S.NO	FACULTY NAME	DEPARTMENT
1	Mr. B. Suresh Ram	ECE
2	Mr. G. Karthik Reddy	ECE

3	Mrs. CH. Neelima	ECE
4	Mr.R. Venketeshwara Reddy	CSE
5	Ms. B. Archana	CSE
6	Mr. D. Ajay	ME
7	Mr.P. Mahesh Babu	ME
8	Mr.K. Sathish	ME
9	Mr.T. Rajesh	CE
10	Mr. V. Srinivas	CE

List of Students

S. No	Roll no	Name	E-Mail	P.NO	Faculty mentor for ICTIEE-2022
1	20H51A0550	SreyaSrungarapu	20H51A0550@cmrcet.ac.in	9441281528	K.Satish
2	20H51A0547	Rishab Agarwal	20H51A0547@cmrcet.ac.in	6302569767	
3	20H51A0439	Srujan Sharma	20H51A0439@cmrcet.ac.in	8328395853	
4	20H51A6691	Sunnamuddi Sai Ganesh	20H51A6691@cmrcet.ac.in	7993397109	Archana.B
5	20H51A6683	Konda Sandeep	20H51A6683@cmrcet.ac.in	8978442360	
6	20H51A6687	Palle Sai Teja	20H51A6687@cmrcet.ac.in	7569914905	
7	20H51A6675	A Sai Nishwan	20H51A6675@cmrcet.ac.in	7982975415	T.Rajesh

8	20H51A6676	Nadipelli Deepthi	20H51A6676@cmrcet.ac.in	8523052198	
9	20H51A04J2	S Priyanka	20H51A04J2@cmrcet.ac.in	9676095212	
10	20H51A05J7	S Bhagya Shree	20H51A05J7@cmrcet.ac.in	9941972473	
11	20H51A05J4	Rahul Sai Ranganathan	20H51A05J4@cmrcet.ac.in	8074869024	V.Srinivas
12	20H51A05J3	P Anusha	20H51A05J3@cmrcet.ac.in	9704805935	
13	20H51A04E7	Nishitha	20H51A04E7@cmrcet.ac.in	7032389048	
14	20H51A6609	D Sumanth	20H51A6609@cmrcet.ac.in	9963259373	G.Karthik Reddy
15	20H51A6610	G Sai Chandar	20H51A6610@cmrcet.ac.in	9346738840	
16	20H51A6622	T Pranay Krishna Kumar	20H51A6622@cmrcet.ac.in	9391402858	Ch.Neelima
17	20H51A0540	N.Sreekar	20H51A0540@cmrcet.ac.in	8179227736	
18	20H51A0142	PadamataYeswanth Babu	20H51A0142@cmrcet.ac.in	8466873914	D.Ajay
19	20H51A0153	K Jagadish Reddy	20H51A0153@cmrcet.ac.in	9848428398	

20	20H51A05G7	Devunuri Sai Kiran	20H51A05G7@cmrcet.ac.in	9948672224	
21	20H51A0347	S Satya Charan	20H51A0347@cmrcet.ac.in	9398631232	
22	20H51A05A9	A Sai Prashanth	20H51A05A9@cmrcet.ac.in	9398631232	P.MaheshBabu
23	20H51A04H1	K Varsha	20H51A04H1@cmrcet.ac.in	9642414788	
24	20H51A04G8	G Saahith Chandra	20H51A04G8@cmrcet.ac.in	7995959938	Dr.R.Venkateswara Reddy
25	20H51A05H4	K Yugender	20H51A05H4@cmrcet.ac.in	6304206766	

20.Community Outreach Through Projects

Mr. Kayyam Sathish from CEER department participated in community outreach through projects program in a category III has been awarded with "**Excellence in performance of community outreach trough projects"** on 09-jan-2022.
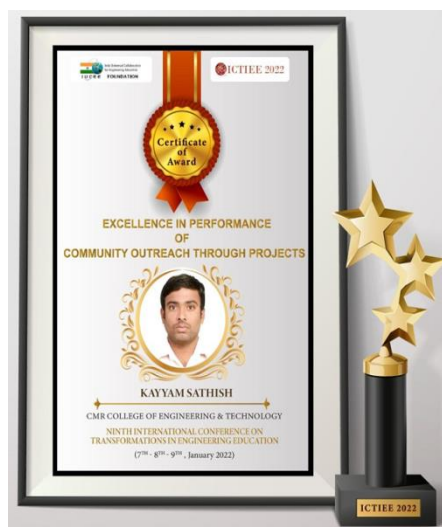
21.IUCEE Mission NEP - Project based learning 6 Mini courses for Engineering students

Centre for engineering education research faculty members are deputed for "Six mini courses for student Assessment in PBL for "Holistic and Multidisciplinary Education "(A.Y 2021-22) from 10th Jan 2021 to 26th April 2022.Whicah is organized by IUCEE experts. The IUCEE has six mini courses to develop student leaders using this approach.

1.Leadership and sustainability

2. Clean and green campus

3.Artificial intelligence for ALL

- Introduction to Entrepreneurial thinking

4.Design Thinking and community based design

5.Social Emotional Learning

22.IUCEE Mission NEP Pilot with B.Tech First year students

Centre for engineering education research faculty members are deputed for "Six mini courses to a pilot batch of first year students(A.Y 2021-22)" from 15th Nov 2021 to 26th April 2022. The plan is for IUCEE international experts to offer the six mini courses to pilot batch of first year students.

1.Leadership and sustainability

2. Clean and green campus

3.Artificial intelligence for ALL

4. Introduction to Entrepreneurial thinking

5.Design Thinking and community based design

23. Report of One day FDP for Non-Teaching Faculty

One Day FDP on "Microsoft word" was successfully conducted in the CMR college of Engineering and Technology, on 24[th]January2022by**CENTRE FOR ENGINEERINGEDUCATION AND RESEARCH**. The programme received on overwhelming response from the faculty members.

The program was inaugurated in the morning at 302 Room on 24th January 2022 by hands of Principal Major Dr.V.A.Narayana (CMRCET), Dr.A.Kotishwar HOD-CEER.

In welcome speech, Hon. Principal Major Dr.V.A.Narayana shared his views with the faculty

Participants that if faculty wants to develop themselves and their students, then attending such faculty development programme would enhance their skills practically. sir further shared that it helps to improve the performance of faculty in teaching and highlighted the importance and objectives of organizing faculty development programme . He briefed the participants about the subject chosen for FDP and highlighted the reasons and importance of the same.

IntheinauguralspeechHon.Dr.KotishwarHOD-CEER,sharedhisviewsonfacultydevelopmentprogramhefurtheraddedthatthisprogrammewillprovidespecialbenefitsto faculty members

Dr.R.Venkateshwar Reddy starts his discussion with very basic idea of concepts on Microsoftword.Hesharedhistechniquelikegivingexamplesithelpedtomakesubjectfullyunderstandandcreatedinterestamongtheparticipants

The following feedback was received from participants:
TheparticipantswereoftheopinionthatthisFDPbroughtawarenessonhowtouseMicrosoftWord.
At the end vote of thanks by Mr.K.Sathish

Figure.OneDayFacultyDevelopmentProgramonMicrosoftWordon24ᵗʰJanuary2022.

24.Report On One Day Workshop On Social Entrepreneurship

Event Title: Social Entrepreneurship

Dates:28ᵗʰJanuary2022

Event Coordinator: Mr.BSuresh Ram, AssocProf

Organized by: Mr.Kayyam Sathish, Asst.Prof, Mr.Srinivas Vaddi, Asst.Prof

Inaugural Session: Dr.Kotishwar, HOD-CEER

KeynoteAddress: B.SubhashChandar, GrassrootEntrepreneur,CEO-

Creativeminds,Coordinator-PalleSrujana

NumberofStudents attended   129

Numberof Facultyattended   17

EventReport:

The **Event titled**- **"One day Workshop on Social Entrepreneurship"** conducted byCentre for Engineering Education Research, CMRCET and Jointly Organized by PalleSrujanaandCentreforinnovationandEntrepreneurship(CIE)andMoEInstituteInnovationCell,g overnment of India. This event is conducted under Centre for innovation and Entrepreneurship(CIE).Thiseventisorganizedon **28ᵗʰ January2022**throughonlinemode.

In Welcomespeech,**Principal Major Dr.V.A.Narayana**sharedhis views with

thefacultyParticipantsandStudentParticipantsthatiffacultyorStudentswantstodevelopthemselves and their students, taking these social entrepreneurship skills will really improve theirskills.Siralsofoundthatithelpstoincreasetheeffectivenessofteachereducationandemphasizedthe importance and goals of social entrepreneurship organizations. He explained tothe participants the topics they had chosen as entrepreneurs and emphasized their reasons andimportance.

Inthe**Inaugural**speech**Dr.KotishwarHOD-CEER**,sharedhisviewsonSocialEntrepreneurship. He further added that this programme will provide special benefits to facultyandstudents member.

Mr. Subhash Chandar then gave a **keynote speech** - at a discussion about the country's economic development. Innovation is key to incorporating human a value into the educationsystemisessential.Innovationthroughsustainablehumanvaluesisthekeytonationaldevelopment.   Innovation throughhumanvaluesandsustainabilityisessentialtotheoveralldevelopmentofacountry.

He discussed about PalleSrujana - how Grassroots innovations will be promoted andprovided   supportforvalidation   and   reengineering.Italsohelps   theinnovators togettheirtechnologies   patented   and   take   them   tonationalandinternationallevel   of recognition.Thegrassroots knowledge is linked to the formal system for validation, value addition,   patenting,reengineering,manufacturability,marketability   andbusinessincubation etc.Asmost of theGrassroots innovations are being developed with locally available raw materials, they are mostlyare not in a marketable and manufacturable state. In addition, most of the grassroots innovatorssolve theirproblems through theircreativity and do not intend tosell them.Based on thereadiness of theinnovation,and theinnovator, each innovation at PalleSrujanais categorizedinto three - Ready For Sale (RFS), Ready For Entrepreneur (RFE), and Ready For Prototyping(RFP). PalleSrujana offers these grassroots innovations to the entrepreneurs in India and alsoabroad in the field of farming, low cost power generation, and comforts in daily life etc formanufacturing and marketing these affordable and highly useful innovations to the large crosssection of the society. How to solve customer problems, how to connect with consumers over theInternet,howtostartastartup,andhowtotransforminnovationandinnovationintoentrepreneurship. Hediscussedinnovationandinvention.Howtoworkfortheintegratedproblems?

This One dayWorkshopon Social Entrepreneurshipin Educational Institutions wasreallyaninformativetothefacultyandstudents.Inthisevent,variousaspectslikeentrepreneurship skills, Innovation designs, IPR, Industry designs, Innovation ideas which reallyhelpsstudenttobecome successfulentrepreneurandachieve theirgoals.

At the endvoteofthanksby **Mr.K.Raju,AsstProf**Event Photos:

25.Report On One Day Workshop On Design The Thinking

Event Title: Design The Thinking
Dates: 10ᵗʰ Feb 2022
Event Coordinator: Mr. Srinivas Vaddi, Asst Prof.
Organized by: Mr. Kayyam Sathish, Asst Prof.
Inaugural Session: Dr.Kotishwar, HOD-CEER
Resource Persons: Mr. B Suresh Ram, Assoc Prof. & Talluri Rajesh, Asst.Prof.

Number of Students attended	**66**
Number of Faculty attended	**17**

Event Report:

The **event titled**- **"One day Workshop on Design The Thinking"** conducted by Centre for Engineering Education Research, CMRCET and 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 **10ᵗʰ Feb 2022**.

In **welcome** speech, **Principal Major Dr.V.A.Narayana** shared his views with the faculty and Student Participants that this Workshop helps in solving the Social and personal problems with the help of Design the thinking workshop. Adding to that he also said that this workshop is conducted to all the teaching staff of CMRCET in the year 2018 for their personal development and to change their perceptive of thinking.

In the **inaugural** speech **Dr.Kotishwar HOD-CEER**, shared his views on Design the thinking that Mr. Talluri Rajesh & Mr. B. Suresh Ram are who trained by William oaks Purdue University by taking the 6 months course on Design Thinking.
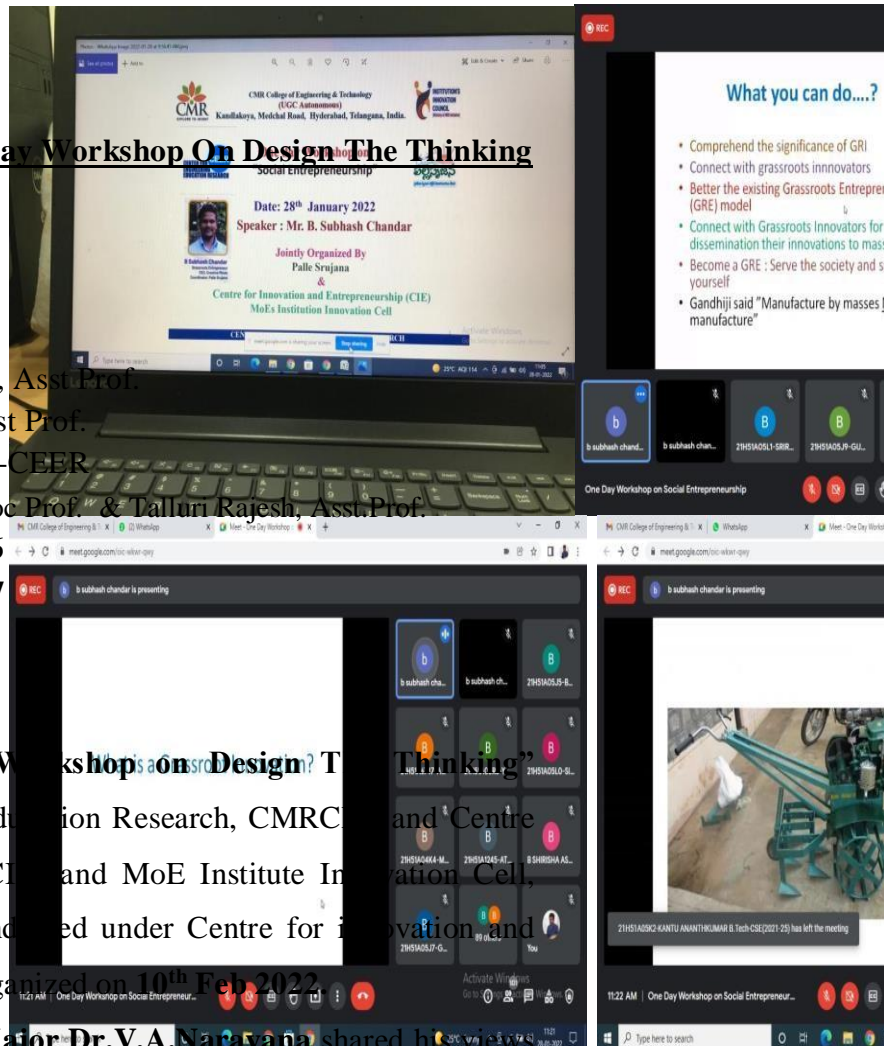
Mr. B. Suresh Ram & Talluri Rajesh explained the Process of design the thinking – Empathy, Define, Divergence, Convergence, Communicate. Importance of Observation, 5 why concept, Formulation of Need Statement and conversion of Need statement to Problem Statement. With the help of Real life case studies.

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

The observation plays a major role to find the root cause of the problem for identifying the solution and we get diversified solution based on the observation and make the converge that means connecting the dots and giving the optimal solution.

The students are taken to the Project display and told them that how the seniors did their project and based on the design thinking concept.

This One day Workshop on Design The Thinking in Educational Institutions was really an informative to the faculty and students. In this event, various aspects like Design thinking skills, helps students to solve their personal and professional problems.

At the end vote of thanks by **Mr.K.Raju, Asst. Prof**

Event Photos:

CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

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	Mr.D. Ajay	dajay@cmrcet.ac.in
5	Ms.B. Archana	archana.prakash@cmrcet.ac.in
6	Mr.K. Sathish	kayyamsathish@cmrcet.ac.in
7	Mr.P. Mahesh Babu	mahesh@cmrcet.ac.in
8	Mr.R. Venkateswara Reddy	venkatreddyvari@cmrcet.ac.in
9	Mr.T. Rajesh	trajesh@cmrcet.ac.in
10	Mr.V.Srinivas	vasusrn@cmrcet.ac.in
11	Mrs. Shilpa Rani	hrshilparani@cmrcet.ac.in
12	Mrs. Asma	asma@cmrcet.ac.in
13	Mr. B Venkateshwar Rao	bvenkateshwarrao@cmrcet.ac.in
14	Mr. K Raju	kraju@cmrcet.ac.in
15	Mr. B Balakrishna	bbalakrishna@cmrcet.ac.in
16	Ms. K Ramani	kramani@cmrcet.ac.in
17	Mrs. Narmada kari	narmadakari@cmrcet.ac.in

List of Student Participants

Sl. No.	Roll Number	Student Name	Email Id
1	21H51A04D1	AKELLA SRI HARI DATTA KARTHIKEYA	21h51a04d1@cmrcet.ac.in
2	21H51A04D2	BEGARE SREEDHAR	21h51a04d2@cmrcet.ac.in
3	21H51A04D3	BHUKYA YAKANNA	21h51a04d3@cmrcet.ac.in
4	21H51A04D4	CHANDRA BALAJI	21h51a04d4@cmrcet.ac.in
5	21H51A04D5	CHEPURI RACHANA	21h51a04d5@cmrcet.ac.in
6	21H51A04D6	CHOWHAN PAVITHRA	21h51a04d6@cmrcet.ac.in
7	21H51A04D7	DASARI MANISAI	21h51a04d7@cmrcet.ac.in

8	21H51A04D8	GANIPISETTI PRAVEEN	21h51a04d8@cmrcet.ac.in
9	21H51A04D9	JANNU SIDDARTHA	21h51a04d9@cmrcet.ac.in
10	21H51A04E0	KATKURI BHARATH KUMAR REDDY	21h51a04e0@cmrcet.ac.in
11	21H51A04E1	KATLA VISHAL	21h51a04e1@cmrcet.ac.in
12	21H51A04E2	MITTAPALLI UDAY KUMAR	21h51a04e2@cmrcet.ac.in
13	21H51A04E3	MOHAMMAD ABDUL RAKHEEB	21h51a04e3@cmrcet.ac.in
14	21H51A04E4	NITHIN RAJESH PIPPARA	21h51a04e4@cmrcet.ac.in
15	21H51A04E5	NUTHULAPATI JAHNAVI	21h51a04e5@cmrcet.ac.in
16	21H51A04E6	P ABHILASH	21h51a04e6@cmrcet.ac.in
17	21H51A04E7	P THANMAYEE GOWRI	21h51a04e7@cmrcet.ac.in
18	21H51A04E8	PONNADA HEMANTH	21h51a04e8@cmrcet.ac.in
19	21H51A04E9	R SHIREESHA	21h51a04e9@cmrcet.ac.in
20	21H51A04F0	RAVIRALA KURSHITHA	21h51a04f0@cmrcet.ac.in
21	21H51A04F1	SAMA KIRODHER REDDY	21h51a04f1@cmrcet.ac.in
22	21H51A04F2	T POOJITHA	21h51a04f2@cmrcet.ac.in
23	21H51A04F3	THADEPU SRIKANTH	21h51a04f3@cmrcet.ac.in
24	21H51A04F4	VADAKATTU ABHEEK	21h51a04f4@cmrcet.ac.in
25	21H51A04F5	VEERLA VAMSHIKRISHNA	21h51a04f5@cmrcet.ac.in
26	21H51A04F6	VOJJALA VAISHNAVI	21h51a04f6@cmrcet.ac.in
27	21H51A04F7	YARABATI SWATHI	21h51a04f7@cmrcet.ac.in
28	21H51A05D1	ANUJ KUMAR	21h51a05d1@cmrcet.ac.in
29	21H51A05D2	BACHAWAR VINITHA	21h51a05d2@cmrcet.ac.in
30	21H51A05D3	BASHAM RAJU	21h51a05d3@cmrcet.ac.in
31	21H51A05D4	BUSSA TEJASWINI	21h51a05d4@cmrcet.ac.in
32	21H51A05D5	DADE DINISHA	21h51a05d5@cmrcet.ac.in
33	21H51A05D6	DEEKONDA SAKETH	21h51a05d6@cmrcet.ac.in
34	21H51A05D7	DHUDURI SATHVIKA	21h51a05d7@cmrcet.ac.in
35	21H51A05D8	GAMPALA SRI DURGA PRABHATH	21h51a05d8@cmrcet.ac.in
36	21H51A05D9	GUNDLA VAMSHIDHAR	21h51a05d9@cmrcet.ac.in
37	21H51A05E0	KASANAGOTTU AMULYA	21h51a05e0@cmrcet.ac.in
38	21H51A05E1	KOTHA VAISHNAVI	21h51a05e1@cmrcet.ac.in
39	21H51A05E2	KUMBALA ABHILASH REDDY	21h51a05e2@cmrcet.ac.in
40	21H51A05E3	MANCHI AKSHAYA	21h51a05e3@cmrcet.ac.in

41	21H51A05E4	MOHAMMAD ARSHAD NIZAMI	21h51a05e4@cmrcet.ac.in
42	21H51A05E5	MOHAMMAD JUNENUDDIN	21h51a05e5@cmrcet.ac.in
43	21H51A05E6	NAKKALA KEERTHANA	21h51a05e6@cmrcet.ac.in
44	21H51A05E7	NEELAM BHARATH KUMAR	21h51a05e7@cmrcet.ac.in
45	21H51A05E8	NEERUDI HARIPRASAD	21h51a05e8@cmrcet.ac.in
46	21H51A05E9	ODURI VEERAMANIKANTA	21h51a05e9@cmrcet.ac.in
47	21H51A05F0	OM GUPTA	21h51a05f0@cmrcet.ac.in
48	21H51A05F1	P Y GEETHA MADHURI	21h51a05f1@cmrcet.ac.in
49	21H51A05F2	ROHAN SACHIN RAKHE	21h51a05f2@cmrcet.ac.in
50	21H51A05F3	SHAIK ILLIYAZ	21h51a05f3@cmrcet.ac.in
51	21H51A05F4	SHAIK TASNIM	21h51a05f4@cmrcet.ac.in
52	21H51A05F5	TUSHAR PUNIA	21h51a05f5@cmrcet.ac.in
53	21H51A05F6	YARRAMSETTI MADHU VENKATA SURYA NARAYANA	21h51a05f6@cmrcet.ac.in
54	21H51A1233	ABDUL JALEEL	21h51a1233@cmrcet.ac.in
55	21H51A1234	BALURI TANISHQI	21h51a1234@cmrcet.ac.in
56	21H51A1235	BUDDINENI VISHWAS	21h51a1235@cmrcet.ac.in
57	21H51A1236	G SHIVA SHANKAR	21h51a1236@cmrcet.ac.in
58	21H51A1237	JULURI SATHWIK	21h51a1237@cmrcet.ac.in
59	21H51A1238	MARGAM NAMRATHA	21h51a1238@cmrcet.ac.in
60	21H51A6733	CHIRANJI RISHIKA	21h51a6733@cmrcet.ac.in
61	21H51A6734	GANAGANI SANJAY	21h51a6734@cmrcet.ac.in
62	21H51A6735	GOSHKE ANKITHA	21h51a6735@cmrcet.ac.in
63	21H51A6736	GOTTIKARLAPALLY VINAY REDDY	21h51a6736@cmrcet.ac.in
64	21H51A6737	GUJJULA SRINITHA	21h51a6737@cmrcet.ac.in
65	21H51A6738	INDUKURI KARTHIK VARMA	21h51a6738@cmrcet.ac.in
66	21H51A6739	YENISHETTY UDAY KIRAN	21h51a6739@cmrcet.ac.in

26. Patents Filed

12 potential ideas were filed for patenting and it is under review process. List is mentioned below

Sl. No	Title of the Idea	Name of the Student	Mobile	Name of the Faculty
1	Video Controlling Hand Guestured System	K.Yugender	6304206766	i) K.Ravikiran ii) B.Suresh Ram iii) Kayyam Sathish iv) V.Srinivas
2	Automatic side stand Retrival System	Gurrala Srisai	8464916478	i)D.Ajay ii)Ch.Neelima iii)B.Archana iv)Dr.A.Kotishwar
3	Sewage Cleaning Machine	Bindige Srivani	7095305068	i)R.Venkateswara Reddy ii)Kayyam Sathish iii)V.Srinivas iv)Dr.A.Kotishwar
4	Fruit Plucker	N.Manasa	7670899528	i)R.Venkateswara Reddy ii)Kayyam Sathish iii)T.Rajesh
5	Smart Ceiling Fan	K.Bhanu Hemanth	9963237578	i) B.Suresh Ram ii) K.Ravikiran iii) N.Chandrasekhar azad
6	Illegal Parking Management System	V.Hima Bindhu	7386143880	i) Talluri Rajesh ii) Shilparani H Rajapur iii)G.Karthik Reddy
7	Solar Energy for 220V Air Cooler	B.Teja Sri	9553888265	i) M.Vedachary ii) N.Chandrasekhar azad iii)kayyam Sathish
8	Dish washing Machine	T.Rakshika	9948426645	i)D.Rajitha ii) B.Suresh Ram iii)R.Venkateswara Reddy
9	Protection of Examination Cell	P.Yeshwanth Babu	8466873914	i)D.Ajay ii)Ch.Neelima iii)Talluri Rajesh
10	Smart Moving Dustbin	N.Venu Babu	9390240793	i)P.Mahesh Babu ii)B.Archana iii)Ch.Neelima
11	Glove that translate sign language	T.Tanujha	7702810523	i) B.Archana ii) P.Mahesh Babu iii)D.Ajay
12	Smart Wheel Chair	Sahil Kumar	9113112009	i) B.Archana ii) P.Mahesh Babu iii)Ch.Neelima

27. Chapter Finale of TiE University Pitch

58

Competition

Project titled *"Automatic Immersion Water Heater"* implemented by Mr.Rahul Sai Ranganathan (20H51A05J4) under the guidance of Mr.B.Suresh Ram, Mr. Ravi Kiran is shortlisted for *Chapter Finale of TiE University Pitch Competition @ Hyderabad*.

As a final result Mr.Rahul Sai Ranganathan won 2nd prize in TIEGRAD pitching competition out of 190 ideas.

Mr.Rahul Sai Ranganathan

28. CAN DO WORKSHOP

Event Title: Can Do Workshop

Dates: 4thMarch2022

EventCoordinator:

Organized by: CMRCET

Inaugural Session:Major Dr V. A. Narayayana (Principal), Dr.Kotishwar (HOD-CEER)

Resource Persons: Mr Srinivas the lead Ullas Trust, Srinu co-ordinator

Number of Students attended: 200

Number of teachers attended: 15 members

Number of Faculty attended: 20 members

Event Banner:

Event Report:

The event titled- **" Can Do Workshop and Personality Development Program for 12 ZPHS Schools Students"** was jointly organized by Centre for Engineering Education Research(CEER), CMRCET in association with Ullas Trust on 4th March 2022 under NSS.

The inauguration was done by the Principal CMRCET and Ullas Trust technical lead Mr. Srinivas. The event was attended by 12 ZPHS school students of Class IX who excelled in their academics. The 12 schools are from Hasmathpet, Girmapur, Srirangavaram, Muneerabad, Pudur, Rajabollaram, Ravalkole, Nuthankal, Bachupally, Goudavelly, Medchal.

The college management has provided the transportation facility to all the schools to pick and drop from school to the college. One faculty to each school were sent to coordinate and escort them to the college. Under NSS coordinator the NSS students teams participated as a volunteers to organise the event. The event started with lighting of lamp with the eminent dignataries, School teachers and students. The invocation song was sung by the students while lighting the lamp. Later , NSS coordinator Dr Nagaraju Naik , Dean FSA Dr. Fathima Mary,

CEER HOD Dr. Kotiswar addressed the gathering and inspired the students with their motivational words. Principal major Dr. V.A Narayana was presented as a Role model and he has given his experience of entering in to the teaching field after serving the nation as an Army. He gave his life experiences and said not to give up and try to find the good in everything. He inspired and made the students enthusiastic with his speech. Ullas trust coordinator has presented the Motivational "CAN DO" Audio Visual to the students. The students were provided with the abundant knowledge on growing competition and how the skills can be developed to grow. Lastly, the topper students of the class from each school were given the reward certificates for their outstanding performance in academics. Some students and teachers of ZPHS shared their experience of attending the workshop.

The CMRCET management facilitated the spoke person of Ullas Trust Mr.Srinivas with a memento and appreciated the work they have carried out. The management of CMRCET also provided the refreshments to all students and teachers of the schools.

Event Photos:

Can Do-Event coverage in papers:

కృషి, పట్టుదలతో లక్ష్యం చేరుకోవచ్చు

కార్యక్రమాన్ని ప్రారంభిస్తున్న
ప్రిన్సిపాల్ వీపీ నారాయణ, అధ్యాపకులు

మేడ్చల్ రూరల్, మార్చి 4 : కృషి, పట్టుదలతో ఎంత కున్న లక్ష్యాన్ని సులభంగా చేరుకోవచ్చని సీఎంఆర్ కళా శాల కార్యదర్శి చామకూర గోపాల్ రెడ్డి అన్నారు. గుండ్ల పోచంపల్లి మున్సిపాలిటీ కండ్లకోయలోని సీఎంఆర్ సెట్లో శుక్రవారం ఉల్లాస్ ట్రస్టు, సీఈఈఆర్, ఎన్ఎస్ఎస్

యూనిట్ ఆధ్వర్యంలో కళాశాలలో జడ్పీ ఉన్నత పాఠశా లలో 9వ తరగతి చదువుతున్న విద్యార్థులకు 'కెన్ డూ' అంశంపై వర్క్షాప్ నిర్వహించారు. ఈ సందర్భంగా గోపాల్ రెడ్డి మాట్లాడుతూ విద్యార్థి స్థాయి నుంచి కష్ట పడే తత్వం అలవర్చుకోవాలన్నారు. అనంతరం చదు వులో ప్రతిభ చూపిన విద్యార్థులకు నగదు బహుమతి, ప్రశంసాపత్రాలను అందజేశారు. దాదాపు 200 మంది జడ్పీహెచ్ఎస్ విద్యార్థులు పాల్గొన్నారు. కార్యక్రమంలో ప్రిన్సిపాల్ వీపీ నారాయణ, డీన్ ఫాతిమా మేరీ, సీఈ ఈఆర్ హెచ్వోడీ కోటేశ్వర్, ఎస్ఎస్ఎస్ ప్రోగ్రాం అధి కారి నాగరాజు నాయక్, ఉల్లాస్ ట్రస్టు కో ఆర్డినేటర్ శ్రీకాంత్, వెంకటేశ్వర్లు, కార్తిక్, నిలీమ, అర్చన, వెంకటే శ్వర్ రెడ్డి, రాజేశ్, శ్రీనివాస్, సతీశ్, ఎన్ఎస్ఎస్ విద్యా ర్థులు పాల్గొన్నారు.

విద్యార్థులు యూ 'కెన్ డూ'

మేడ్చల్రూరల్: గుండ్లపోచంపల్లి మున్సిపాలిటీ పరిధి కండ్లకోయలో సీఎంఆర్ సెట్ కళాశాలలో ప్రభుత్వ ఉన్నత పాఠశాల విద్యార్థులకు 'కెన్ డూ'పేరిట వర్క్షాప్ నిర్వహించారు. కళాశాల ఎన్ ఎస్ఎస్ యూనిట్, ఉల్లాస్ ట్రస్ట్ ఆధ్వర్యంలో నిర్వహించిన వర్క్షాప్లో 12 పాఠశాలలకు చెం దిన 9వ తరగతి విద్యార్థులు పాల్గొన్నారు. వర్క్షా ప్లో ప్రతిభ కనబర్చిన విద్యార్థుల(ప్రతి పాఠశాల నుంచి 5మంది చొప్పున)ను ఎంపిక చేసి వారికి ఆర్థికసాయం, ప్రశంసపత్రం అందజేశారు. విద్యా ర్థులలో దాగి ఉన్న నైపుణ్యాలు, ప్రతిభను వెలికిత్ సేందుకే వర్క్షాప్ నిర్వహించినట్లు కళాశాల కార్య దర్శి గోపాల్రెడ్డి, ప్రిన్సిపల్ నారాయణ తెలిపారు. ఈ కార్యక్రమంలో కోటేశ్వర్, నాగరాజు, శ్రీకాంత్, వెంకటేశ్వర్లు, కార్తిక్, నీలిమ పాల్గొన్నారు.

64

Event Outcome:

- The main outcome of this event is to motivate the students and guide the students towards improving the skills for the betterment of the society.

29. "BRAIN RAIN-2K22"

A project Exhibition Competition for School Students on 26th March 2022

BRAIN RAIN-2K22(*A Project Exhibition Competition for School Students*) at CMR College of Engineering & Technology, Kandlakoya, Medchalon **26th March 2022**. This is a best platform for the students to show case their talent and interact with other school students, teachers, faculty of Engineering college and other experts of academics.

This Project competition motivates students and drives them to put forth their best effort. 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.

Participated Schools:

Total 88 number of projects were received from below mentioned schools where 295 students were attended and presented 88 different projects. 30 teachers were accompanied the students.

1. Model Mission High School
2. Little Champs High School, Qutbullapur
3. TVR Model High school
4. Satyavani Vidyaniketan
5. CMR High School,Bowenpally
6. CMR International School
7. Matrusri DAV Public School
8. St. Martins High School
9. ZPHS, Gowdavalli
10. Sanghamitra School
11. St.Anthony's High School
12. CMR International School,Suraram
13. ZPHS, Bachupally
14. ZPHS, Medchal
15. ZPHS, Hasmathpet
16. ZPHS, Uppal

Jury Members and evaluation process:

Evaluation was done in two rounds in which 8 best projects were short listed in first round and best 3 teams were short listed in second round.

- K.BAPAYYA,ECE Dept, MGIT
- N.NOEL,PHYSICS Dept, MLRIT
- B.KEERTHI,ATAL Incharge, CMR International School, Suraram
- B.SUBHASH , Grossroots Entreprenuer, PalleSrujana.

Winning Teams:

Among 16 schools, we received 88 projects from that 3 projects were selected as best projects.

- ❖ **CMR International School, Suraram**--------1st Prize-₹5000
- ❖ **ZPHS, Hasmathpet**------------------------------2nd Prize-₹3000
- ❖ **TVR Model School, Jeedimetla**---------------3rd Prize-₹2000

EVENT PHOTOS

Media Coverage

నైపుణ్యాల అభివృద్ధితోనే ఉత్తమ భవిష్యత్ సాధ్యమని తెలంగాణ విశ్వవిద్యాలయం వైస్ ఛాన్సలర్ ప్రొఫెసర్ రవీందర్ పేర్కొన్నారు. గుండ్ల పోచంపల్లి మున్సిపాలిటీ పరిధిలోని కండ్లకోయలో ఉన్న సీఎంఆర్ సెట్‌లో శనివారం అజురా–2కే22 పేరుతో జాతీయ స్థాయి విద్యార్థి సింపోజియం నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా వీసీ రవీందర్ మాట్లాడుతూ, ప్రతి విద్యార్థిలో నైపుణ్యాలు దాగి ఉంటాయన్నారు.

– మేడ్చల్ రూరల్, మార్చి 26

సీఎంఆర్‌లో బ్రెయిన్-రెయిన్‌పై ప్రాజెక్ట్ ఎక్స్‌పో

ప్రదర్శనలను తిలకిస్తున్న వీసీ రవీందర్

మేడ్చల్‌రూరల్: కండ్లకోయలోని సీఎంఆర్ సెట్ కళాశాలలో బ్రెయిన్-రెయిన్ 2కె 22 పేరిట ప్రభుత్వ పాఠశాల విద్యార్థులకు ప్రాజెక్టు ఎక్స్‌పో నిర్వహించారు. కార్యక్రమాన్ని తెలంగాణ యూనివర్సిటీ వీసీ రవీందర్ గుప్తా, డీఎస్‌డ శ్రీనివాస్‌రెడ్డి, సీఎంఆర్ గ్రూప్స్ కార్యదర్శి గోపాల్‌రెడ్డి ప్రారంభించారు. ప్రభుత్వ పాఠశాలలకు చెందిన 124 జట్లు పాల్గొనగా వారిలో 88 జట్లను ఎంపిక చేశారు. ఉత్తమ ప్రతిభ కనబర్చిన 18 జట్లకు తెలంగాణ యూనివర్సిటీ వీసీ రవీందర్ గుప్తా బహుమతులు ప్రదానం చేశారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ విద్యార్థుల్లో దాగి ఉన్న స్పృజనాత్మకతను వెలికితీసేందుకు ఇలాంటి కార్యక్రమాలు దోహదపడతాయన్నారు. సీఎంఆర్ గ్రూప్స్ నీతూడ అభినవ్‌రెడ్డి, అనురాగ్‌రెడ్డి, హెచ్‌ఓడీ కోటేశ్వర్, సురేశ్‌రామ్, కన్వీనర్ వెంకటేశ్వర్లు, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.

Sun, 27 March 2022
https://epaper.sakshi.com/c/67070363

30. Faculty participation in Prayog Vasant 2022
Exhibition of Engineering Exploration

"Engineering Exploration" course is a unique innovation born in the educational echo system of KLE Tech,. This first year course is co-designed and team-taught by faculty from multiple engineering disciplines. It focuses on problem solving, engineering design, multidisciplinary

skills, ethics and sustainability. It follows PBL pedagogy and students work in teams to solve identified problems. Prayog vasant 2022 exhibition serves as a platform for peer learning and celebration of student success.

KLE Technological University, Hubballi organized Prayog Vasant 2022, an exhibition of Engineering Exploration course projects done by first-year B.E students. Showcasing the efforts put in by 540+ students in designing 130 projects and their corresponding learning.The event was inaugurated by Dr. Ashok Shettar – Vice-Chancellor, KLETech. Dr. Vijayalakshmi. M, Director Centre for Engineering Education Research, KLE Tech, Deans and HoD's KLE Tech, Guests invited from various institutions/industries graced the event.

The event was scheduled for 06th April 2022 between 9.30 AM and 1.00 PM. The inaugural event was held between 9.30 AM and 10.00 AM, which was conducted at the C-lite library space. The exhibition included 130 projects done by more than 540+ students on 23 different problem statements.

Prayog Vasant is a platform for the students to share their experiences with the world. Prayog Vasant also serves the purpose of peer learning for the students. The exhibition provided an opportunity for the visitors to comprehend the projects and interact with the students' teams. A total of 15,00+ visitors from different locations visited the exhibition. The representations included from Belagavi, Bangalore, Mysore, Hyderabad, and Kottayam.

Recommendations:

It is observed that **Acrylic Sheets**, **Foam sheets** in respective models are provided by KLE Tech.

It has come to known that the required hardware electronic components for the project are owned by individual teams.

It is noticed that AutoCAD inventor tool is used in few projects.

It is monitored that a Single Need statement is exposed in different ways as shown in figures.

(i)   According to the curriculum of KLE Technological University, CEER will undertake the projects for the Students only during the first year.

(ii) The Working Functionality of the respective projects is being played continuously from starting (Initial Stage) to till completion (Final Stage) of the project using the devices like TAB, Laptop etc.,

With all gratitude towards CEER, PRINCIPAL MAJOR Dr.V.A NARAYANA GARU and the management of CMRCET for such continuous motivation and this opportunity to visit such wonderful Project Exhibition, we submit this detailed report.

31.Student Participation in Techno Project-Model Competition In Bhopal

Eight teams have registered for the "Techno-Project Expo" which is going to commence on 23rd of March-2022 at Bhopal (Online mode). The details of faculty and students registered for expo are furnished below.

S.No	Name of the faculty	Student Name	Roll No.
1	Mr.R.Venkateswara Reddy		20H51A05J4
2	Mr.T.Rajesh	Vaishyli	20H51A1230

3	Mr.G.Karthik Reddy	Pavan Kumar	20H51A1204
4	Mr.K.Sathish	G.Shrujanashaina	20H51A0439
5	Mr.P.Mahesh Babu	S.Shrutika	20H51A6267
6	Ms.B.Archana	Sahil kumar	20H51A64F6
7	Mrs.Ch.Neelima	T.Ajitha	20H51A6648
8	Mr.V.Srinivas	N.Sreekar	20H51A0540

Participant Certificates

ORIENTAL INSTITUTE OF SCIENCE & TECHNOLOGY, BHOPAL
Approved by AICTE, New Delhi & Govt. of M.P., Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Opp. Patel Nagar, Raisen Road, Bhopal-462022 (M.P.) INDIA
Email: oisthodau@oriental.ac.in Website: www.oriental.ac.in

Certificate

TECHNO PROJECT / MODEL COMPETITION ON
INTEGRATED APPROACH IN SCIENCE & TECHNOLOGY FOR SUSTAINABLE FUTURE

Technically Sponsored by

This is to certify that Mr./Ms. **Patlolla Ruchitha**

from **CMR COLLEGE OF ENGINEERING AND TECHNOLOGY**

has actively participated in Techno Project / Model Competition (conducted in Hybrid Mode) with the project title

Trash Separation Bin using Arduino

Jointly organized by Department of Information Technology & Department of Civil Engineering, Oriental Institute
of Science and Technology, Bhopal on 11th April 2022 & Secured ....**NILL**.................... position.

Prof. Pratik Buchke
H.O.D, IT

Dr. Ramakant Agrawal
H.O.D, CE

Dr. Rajesh K. Shukla
Director

ORIENTAL INSTITUTE OF SCIENCE & TECHNOLOGY, BHOPAL
Approved by AICTE, New Delhi & Govt. of M.P., Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Opp. Patel Nagar, Raisen Road, Bhopal-462022 (M.P.) INDIA
Email: oisthodau@oriental.ac.in Website: www.oriental.ac.in

Certificate

TECHNO PROJECT / MODEL COMPETITION ON
INTEGRATED APPROACH IN SCIENCE & TECHNOLOGY FOR SUSTAINABLE FUTURE

Technically Sponsored by

This is to certify that Mr./Ms. **HARSHAVARDHAN BAMMIDI**

from **CMR COLLEGE OF ENGINEERING AND TECHNOLOGY**

has actively participated in Techno Project / Model Competition (conducted in Hybrid Mode) with the project title

AI BASED FATIGUE ALERT SYSTEM

Jointly organized by Department of Information Technology & Department of Civil Engineering, Oriental Institute
of Science and Technology, Bhopal on 11th April 2022 & Secured ....**NILL**.................... position.

Prof. Pratik Buchke
H.O.D, IT

Dr. Ramakant Agrawal
H.O.D, CE

Dr. Rajesh K. Shukla
Director

ORIENTAL INSTITUTE OF SCIENCE & TECHNOLOGY, BHOPAL

Approved by AICTE, New Delhi & Govt. of M.P., Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Opp. Patel Nagar, Raisen Road, Bhopal-462022 (M.P.) INDIA
Email: oisthodau@oriental.ac.in Website: www.oriental.ac.in

Certificate

TECHNO PROJECT / MODEL COMPETITION ON
INTEGRATED APPROACH IN SCIENCE & TECHNOLOGY FOR SUSTAINABLE FUTURE

Technically Sponsored by

N netlink Cybrom VIE IEEE

This is to certify that Mr./Ms. **Tanujha**

from **CMR COLLEGE OF ENGINEERING AND TECHNOLOGY**

has actively participated in Techno Project / Model Competition (conducted in Hybrid Mode) with the project title

GLOVE THAT TRANSLATES SIGN LANGUAGE

Jointly organized by Department of Information Technology & Department of Civil Engineering, Oriental Institute

of Science and Technology, Bhopal on 11th April 2022 & Secured ....**NILL**.................. position.

Prof. Pratik Buchke
H.O.D, IT

Dr. Ramakant Agrawal
H.O.D, CE

Dr. Rajesh K. Shukla
Director

ORIENTAL INSTITUTE OF SCIENCE & TECHNOLOGY, BHOPAL

Approved by AICTE, New Delhi & Govt. of M.P., Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Oriental Campus, Opp. Patel Nagar, Raisen Road, Bhopal-462022 (M.P.) INDIA
Email: oisthodau@oriental.ac.in Website: www.oriental.ac.in

Certificate

TECHNO PROJECT / MODEL COMPETITION ON
INTEGRATED APPROACH IN SCIENCE & TECHNOLOGY FOR SUSTAINABLE FUTURE

Technically Sponsored by

N netlink Cybrom VIE IEEE

This is to certify that Mr./Ms. **SAHIL KUMAR**

from **CMR COLLEGE OF ENGINEERING AND TECHNOLOGY**

has actively participated in Techno Project / Model Competition (conducted in Hybrid Mode) with the project title

SMART WHEELCHAIR

Jointly organized by Department of Information Technology & Department of Civil Engineering, Oriental Institute

of Science and Technology, Bhopal on 11th April 2022 & Secured ....**NILL**.................. position.

Prof. Pratik Buchke
H.O.D, IT

Dr. Ramakant Agrawal
H.O.D, CE

Dr. Rajesh K. Shukla
Director

32.Faculty Development Program on "Social Innovation"

Banner:

Schedule:

C M R COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC AUTONOMOUS)
Kandlakoya (V) , Medchal Road, Hyderabad, Telangana - 501 401
CENTER FOR ENGINEERING EDUCATION RESEARCH (CEER)
A One Week Faculty Development Programme on "Introduction to Social Innovation"
02 May 2022 - 07 May 2022
Schedule of the Faculty Development Programme

Day	Session	Description	Resource Persons
Day-1 (02/05/2022)	9:30am - 10:30am	Innagartion, Address by Principal & HOD	Ms. B. Archana
	10:30am-11:30am	Introduction to Center for Engineering Education Research (CEER)	Mr. R.Venkateshwara Reddy
	11:30am - 12:30pm	Design Thinking	Mr.B.Suresh Ram
		Lunch Break	
	01:30pm-3:45pm	Activity-Design Thinking	All CEER Faculty
Day-2 (03/05/2022)	9:30am-11:00am	Community Study	Mr. B.Venkateshwar Rao Mrs. Shilparani HR
	11:00am-12:30pm		
		Lunch Break	
	01:30pm-3:45pm	Activity-Community Study	Mr. B.Venkateshwar Rao Mrs. Shilparani HR
Day-3 (04/05/2022)	9:30am-11:00am	Social Innovation across Four Sectors	Ms. K. Ramani Mrs. B.Shirisha
	11:00am-12:30pm		
		Lunch Break	
	01:30pm-3:45pm	Activity-Social Innovation across Four Sectors	Ms. K. Ramani Mrs. B.Shirisha
Day-4 (05/05/2022)	9:30am - 10:30am		
	10:30am-11:30am	Engineering Ethics	Mr.K.Raju Ms. Md Asma
	11:30am - 12:30pm		
		Lunch Break	
	01:30pm-3:45pm	Activity-Engineering Ethics	Mr.K.Raju Ms. Md Asma

Day-5 (06/05/2022)	9:30am-11:00am	Intellectual Property Rights (IPR)	Mr. B.Venkateshwar Rao Ms. Md Asma
	11:00am-12:30pm		Mr. B.Venkateshwar Rao Ms. Md Asma
		Lunch Break	
	01:30pm-3:45pm	Activity-Intellectual Property Rights (IPR)	Mr. B.Venkateshwar Rao Ms. Md Asma
Day-6 (07/05/2022)	9:30am-11:00am		Mr. B.Venkateshwar Rao Ms. Md Asma
	11:00am-12:30pm	Project Room Visit	All CEER Faculty
		Lunch Break	
	01:30pm-3:45pm	Key Takeaways, Feedback, Vote of Thanks	All CEER Faculty

Photos:
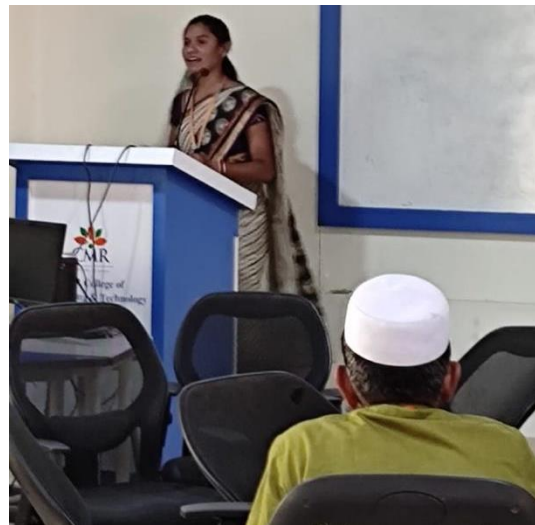
Certificates Distribution:

Outcomes of the FDP:

The participants are able to

- Illustrate the factors affecting social innovation
- Illustrate the impact of social innovation in various sectors
- Adopt the ethical values in doing innovation, which leads to betterment of society
- Summing up of several social issues to be addressed
- Analyze the feasibility and economical factors.

33. Prototype/Process Design and Development -Prototyping

Dates: 4th May 2022

Event Coordinator: Mr. Srinivas Vaddi, Asst Prof.

Organized by: Mr. Kayyam Sathish, Asst Prof.

Inaugural Session: Dr.Kotishwar, HOD-CEER

Resource Persons: Mr. B Suresh Ram, Assoc Prof. Mr.K.Raju Assistant Prof.,& Mrs.B.Shirisha

Number of Students attended   69

Number of Faculty attended   17

 Event Report:

One Day Workshop on "**Prototype/Process Design and Development -Prototyping"** was successfully conducted in the CMR college of Engineering and Technology, on 4th May 2022 by **CENTER FOR ENGINEERING EDUCATION   RESEARCH**. The programme received on overwhelming response from the Students.

        The program was inaugurated in the Afternoon at 118 Room on 4th May 2022 by hands of Principal Major Dr.V.A.Narayana (CMRCET),Dr.A.Kotishwar HOD-CEER. In welcome speech, Hon.Principal Major Dr.V.A.Narayana shared his views with the Student Participants that if Students wants to develop themselves ,then attending such workshop would enhance their skills practically.sir further shared that it helps to improve the performance of Students in **Prototype/Process Design** and highlighted the importance and objectives of organizing **Development -Prototyping** . He briefed the participants about the subject chosen for Workshop and highlighted the reasons and importance of the same.

In the inaugural speech Hon.Dr.A.Kotishwar HOD-CEER, shared his views on Workshop he further added that this programme will provide special benefits to Students

Sri B.Suresh Ram starts his discussion with very basic idea of concepts on Prototype/Process Design and Development -Prototyping. He shared the process of social innovation which includes six stagesPrompts,proposals,prototype,sustainability,scaling,systematic change ,six stages move from idea generation to the creation of impact. social innovation are not always sequential because some innovations jump straight into practice. prompts highlights the need for innovation this stage involves diagnosing the problem not just its symptoms will be tackled but going beyond symptoms to identifying the causes of a particular problem. proposals with decision matrix everybody has their own opinion, sustainability, scaling quantity production NGOs are the people ready for social development systematic change according to the time we need to update what impact it has on the society system wise, society wise what are benefits people are getting giving examples it helped to make subject fully understand and created interest among the Students.

The following feedback was received from participants:

The participants were of the opinion that this Workshop brought awareness on **Prototype/Process Design and Development -Prototyping.**

At the end vote of thanks by Mr.K.Raju Asst.Prof

Photo gallery:
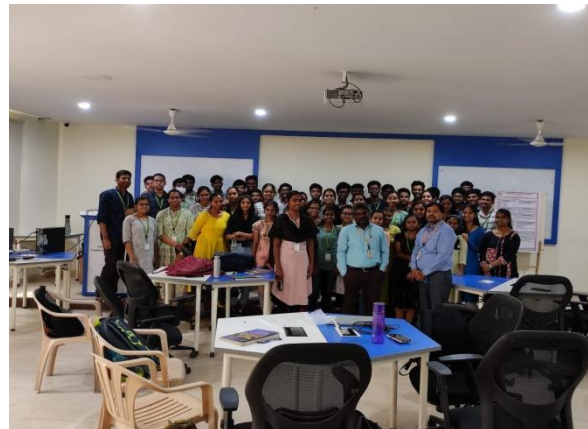
Figure.1.One Day Workshop on "**Prototype/Process Design and Development - Prototyping**" on **4/05/2022**

	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	Mr.D. Ajay	dajay@cmrcet.ac.in
5	Ms.B. Archana	archana.prakash@cmrcet.ac.in
6	Mr.K. Sathish	kayyamsathish@cmrcet.ac.in
7	Mr.P. Mahesh Babu	mahesh@cmrcet.ac.in
8	Mr.R. Venkateswara Reddy	venkatreddyvari@cmrcet.ac.in
9	Mr.T. Rajesh	trajesh@cmrcet.ac.in
10	Mr.V.Srinivas	vasusrn@cmrcet.ac.in

11	Mrs. Shilpa Rani	hrshilparani@cmrcet.ac.in
12	Mrs. Asma	asma@cmrcet.ac.in
13	Mr. B Venkateshwar Rao	bvenkateshwarrao@cmrcet.ac.in
14	Mr. K Raju	kraju@cmrcet.ac.in
15	Mr. B Balakrishna	bbalakrishna@cmrcet.ac.in
16	Ms. K Ramani	kramani@cmrcet.ac.in
17	Mrs. Narmada kari	narmadakari@cmrcet.ac.in

List of Student Participants

S.No	Roll No	Student Name	Email id
1	20H51A6201	ANNAPUREDDY AJAY REDDY	20h51a6201@cmrcet.ac.in
2	20H51A6203	BARADHI SAI SREEJA	20h51a6203@cmrcet.ac.in
3	20H51A6205	BOLLAREDDY SUPRAJA	20h51a6205@cmrcet.ac.in
4	20H51A6206	BORRA JAITHRA	20h51a6206@cmrcet.ac.in
5	20H51A6209	CHOKKARAJU LALITESH SAI	20h51a6209@cmrcet.ac.in
6	20H51A6211	EMERALD SHARON	20h51a6211@cmrcet.ac.in
7	20H51A6212	GATTU LAXMI PRIYA	20h51a6212@cmrcet.ac.in
8	20H51A6214	K VARSHINI	20h51a6214@cmrcet.ac.in
9	20H51A6215	KALLAPU KARTHIKEYA	20h51a6215@cmrcet.ac.in
10	20H51A6216	KOLLI SANJANA	20h51a6216@cmrcet.ac.in
11	20H51A6218	MAHANKALI VARUN	20h51a6218@cmrcet.ac.in
12	20H51A6224	VOOTKUR THARUNI	20h51a6224@cmrcet.ac.in
13	20H51A6225	AKKIREDDY VENKATA KARTHIK	20h51a6225@cmrcet.ac.in

14	20H51A6228	CHALLA BHARATH KUMAR	20h51a6228@cmrcet.ac.in
15	20H51A6229	ELLENKI SAHANA	20h51a6229@cmrcet.ac.in
16	20H51A6231	GAJAWADA KAVYA SRI	20h51a6231@cmrcet.ac.in
17	20H51A6233	GANESH BODDUPALLY	20h51a6233@cmrcet.ac.in
18	20H51A6235	KOMANDLA ASHRITHA	20h51a6235@cmrcet.ac.in
19	20H51A6236	KOTI NAVYA SRI	20h51a6236@cmrcet.ac.in
20	20H51A6237	KURA NAVEEN KUMAR	20h51a6237@cmrcet.ac.in
21	20H51A6238	MADDI SANDEEP MANIKANTA	20h51a6238@cmrcet.ac.in
22	20H51A6241	MIRIYALA SAI TEJA	20h51a6241@cmrcet.ac.in
23	20H51A6242	NAGULAGAMA VENKAT	20h51a6242@cmrcet.ac.in
24	20H51A6244	SHRUTHI JHA	20h51a6244@cmrcet.ac.in
25	20H51A6245	SINGAM REDDY SAI DEEPAK REDDY	20h51a6245@cmrcet.ac.in
26	20H51A6247	SRIDHARA SRIJA	20h51a6247@cmrcet.ac.in
27	20H51A6249	BALAPURAM DEEPAK KUMAR	20h51a6249@cmrcet.ac.in
28	20H51A6254	CHINTAKULA SAI SRI HARI	20h51a6254@cmrcet.ac.in
29	20H51A6256	DONTHI REDDY AKHILESH REDDY	20h51a6256@cmrcet.ac.in
30	20H51A6258	GANDRA AKHILA	20h51a6258@cmrcet.ac.in
31	20H51A6259	KOTA RISHITHA REDDY	20h51a6259@cmrcet.ac.in
32	20H51A6260	MADDURI SAI MADHAN REDDY	20h51a6260@cmrcet.ac.in
33	20H51A6261	MAREDDY THRISHA REDDY	20h51a6261@cmrcet.ac.in
34	20H51A6265	NUKALA VARSHITHA	20h51a6265@cmrcet.ac.in
35	20H51A6266	POKURI LAKSHMI PRASANNA	20h51a6266@cmrcet.ac.in
36	20H51A6267	SHRUTIKA SUSHIL	20h51a6267@cmrcet.ac.in

		SHRIKHANDE	
37	20H51A6268	TADICHERLA DEVA KUMAR	20h51a6268@cmrcet.ac.in
38	20H51A6272	YAMJALA SANJANA	20h51a6272@cmrcet.ac.in
39	20H51A6274	ADABOINA JYOSHITHA REDDY	20h51a6274@cmrcet.ac.in
40	20H51A6275	AENIGANTI SRESTA	20h51a6275@cmrcet.ac.in
41	20H51A6277	BODEMPUDI BHANU SRI PRAKASH	20h51a6277@cmrcet.ac.in
42	20H51A6278	DEVALLA SAI KIRAN	20h51a6278@cmrcet.ac.in
43	20H51A6279	GARIKAPATI CHARAN SAI	20h51a6279@cmrcet.ac.in
44	20H51A6280	GUNDA MANIKANTA	20h51a6280@cmrcet.ac.in
45	20H51A6281	GUTHA MANOJ	20h51a6281@cmrcet.ac.in
46	20H51A6283	JATAVATH MOUNIKA	20h51a6283@cmrcet.ac.in
47	20H51A6284	KANUKANTI NAVYA SRI	20h51a6284@cmrcet.ac.in
48	20H51A6285	L L N V S R K SAI SURYA	20h51a6285@cmrcet.ac.in
49	20H51A6287	MADUNALA KRISHNA KALYAN	20h51a6287@cmrcet.ac.in
50	20H51A6288	MITTAPALLI TEJASHWINI	20h51a6288@cmrcet.ac.in
51	20H51A6290	SAMBARI MANOJ	20h51a6290@cmrcet.ac.in
52	20H51A6292	SHAGGARI SOHAN	20h51a6292@cmrcet.ac.in
53	20H51A6293	SRINIVAS YADAV AKKALDEV	20h51a6293@cmrcet.ac.in
54	20H51A6294	VANGALA GAYATHRI	20h51a6294@cmrcet.ac.in
55	20H51A6295	VELISHALA VYSHNAVI	20h51a6295@cmrcet.ac.in
56	20H51A6296	VERPULA SRAVANI	20h51a6296@cmrcet.ac.in
57	20H51A6297	AKULA RISHIKA	20h51a6297@cmrcet.ac.in
58	20H51A6299	GARIPALLY SAKETH	20h51a6299@cmrcet.ac.in
59	20H51A62A1	IRRINKI SUJITH VENKAT	20h51a62a1@cmrcet.ac.in

		AVINASH	
60	20H51A62A4	JORRIGALA NISHITHA VITTU	20h51a62a4@cmrcet.ac.in
61	20H51A62A5	KOPPULA BHANU PRASAD REDDY	20h51a62a5@cmrcet.ac.in
62	20H51A62A8	MUTHINENI ANUSHA	20h51a62a8@cmrcet.ac.in
63	20H51A62A9	PATLOLLA MANVITHA	20h51a62a9@cmrcet.ac.in
64	20H51A62B2	S SUSRUTHA	20h51a62B2@cmrcet.ac.in
65	20H51A62B3	SAMANTHA JUAN	20h51a62B3@cmrcet.ac.in
66	20H51A62B4	SATLA ANEESH	20h51a62B4@cmrcet.ac.in
67	20H51A62B6	VEMURI CHINMAI SAI ABHISHEK	20h51a62B6@cmrcet.ac.in
68	20H51A62B8	YARAMADI SAI NAVEEN KUMAR	20h51a62B8@cmrcet.ac.in
69	20H51A62C0	GATLA DEEPIKA	20h51a62C0@cmrcet.ac.in

34. National Technology Day 2022

Date: 11th May 2022

Event Coordinator: Mr. Srinivas Vaddi, Asst Prof.

Organized by: Mr. Kayyam Sathish, Asst Prof.

Inaugural Session: Dr.Kotishwar, HOD-CEER

Resource Person: Major Dr.V.A Narayana , Principal CMRCET, Hyderabad
Number of Students attended: 58
Number of Faculty attended: 17

Event Report:

One Day Workshop on "**National Technology Day**" was successfully conducted in the CMR college of Engineering and Technology, on 11th May 2022 by **CENTER FOR ENGINEERING EDUCATION RESEARCH**. The program received on overwhelming response from the Students.

The program was inaugurated in the Morning at 118 Room on 11th May 2022 by hands of Principal Major Dr.V.A.Narayana (CMRCET),Dr.A.Kotishwar HOD-CEER.

In the inaugural speech Hon.Dr.A.Kotishwar HOD-CEER, shared his views on Workshop he further added that this program will provide special benefits to Students.

The following Events are conducted on National Technology day.1. Need statement Presentations-which is an innovative need statements 2.Prototype Exhibition for the students of II B. Tech, scheduled on 11th May 2022. to exhibit their social innovation and awareness issues and the proposed solutions on a given Need statements.

Around 12 innovative ideas/prototypes were explained by 12 teams of interdisciplinary students.

Resource person started interaction by conveying the importance of Multidisciplinary Projects. The session was interactive and experiential learning approach is practiced by resource person through various activities. During the session, students shared their Opinions, Ideas, Thoughts, and Creativity.

In order to get the Need Statements, initially all these students were exposed to several communities. A practical approach will be applied to identify, analyze, available solutions and then to select a feasible solution which should be feasible.

Photos
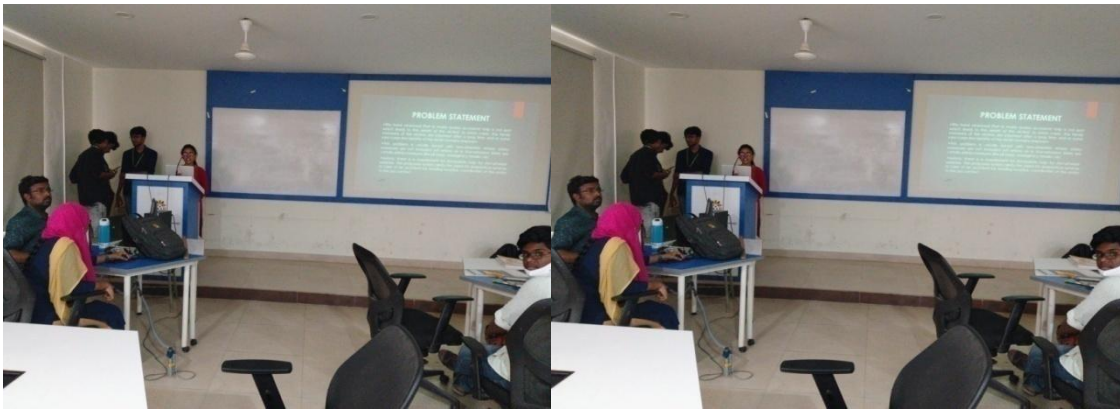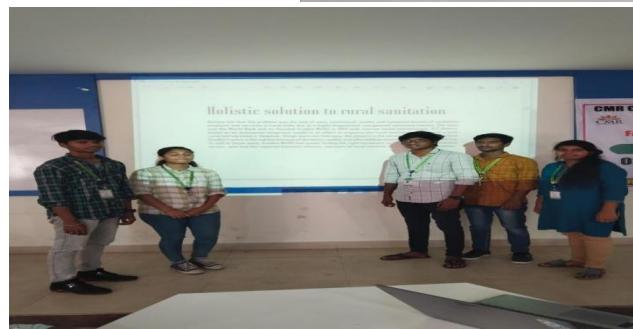
Participants List

FACULTY		
S NO	**NAME**	**EMAIL**
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	Mr.D. Ajay	dajay@cmrcet.ac.in
5	Ms.B. Archana	archana.prakash@cmrcet.ac.in
6	Mr.K. Sathish	kayyamsathish@cmrcet.ac.in
7	Mr.P. Mahesh Babu	mahesh@cmrcet.ac.in
8	Mr.R. Venkateswara Reddy	venkatreddyvari@cmrcet.ac.in
9	Mr.T. Rajesh	trajesh@cmrcet.ac.in
10	Mr.V.Srinivas	vasusrn@cmrcet.ac.in
11	Mrs. Shilpa Rani	hrshilparani@cmrcet.ac.in
12	Mrs. Asma	asma@cmrcet.ac.in

13	Mr. B Venkateshwar Rao	bvenkateshwarrao@cmrcet.ac.in
14	Mr. K Raju	kraju@cmrcet.ac.in
15	Mr. B Balakrishna	bbalakrishna@cmrcet.ac.in
16	Ms. K Ramani	kramani@cmrcet.ac.in
17	Mrs. Narmada kari	narmadakari@cmrcet.ac.in

STUDENTS

1	V.Nandeeshwar	20h51a0426@cmrcet.ac.in
2	A. Jahnavi	20h51a0429@cmrcet.ac.in
3	M. Irfan Ali	20h51a0442@cmrcet.ac.in
4	D.BHARGAVI	20h51a0459 @cmrcet.ac.in
5	K.Akshaya Reddy	20h51a0465@cmrcet.ac.in
6	Adarsh M	20h51a0470@cmrcet.ac.in
7	M. Srinivas	20h51a0471@cmrcet.ac.in
8	G. Naga Yashwanth	20h51a0473@cmrcet.ac.in
9	M.Rahul	20h51a04C4@cmrcet.ac.in
10	Srinivasulu	20h51a04G0@cmrcet.ac.in
11	G. Kedarnath Reddy	20h51a04G9@cmrcet.ac.in
12	M. Madhavi	20h51a04H5@cmrcet.ac.in
13	J.Rathnakar	20h51a04N0@cmrcet.ac.in
14	K.Manideep	20h51a04N2@cmrcet.ac.in
15	N.Bhavana	20h51a04P1@cmrcet.ac.in
16	V. Sameera	20h51a04P9@cmrcet.ac.in
17	B. Niveditha	21h55a0401@cmrcet.ac.in
18	D.Anirudh	21h55a0407@cmrcet.ac.in
19	G.Vidya sri	21h55a0408@cmrcet.ac.in
20	G.Sainidhi	21h55a0409@cmrcet.ac.in
21	K. Meghana	21h55a0410@cmrcet.ac.in
22	M. Gnaneshwar	21h55a0411@cmrcet.ac.in
23	N.Sai Teja	21h55a0414@cmrcet.ac.in
24	S.Jaya prakash	21h55a0415@cmrcet.ac.in
25	V.Aravind	21h55a0422@cmrcet.ac.in
26	Md. Thousif ghani	20h51a0443@cmrcet.ac.in
27	N.Ankita	20h51a0474@cmrcet.ac.in
28	M.Deepthi	21h55a0412@cmrcet.ac.in
29	N.Uma mahesh	20h51a04h6@cmrcet.ac.in
30	B.sachin	21h55a0402@cmrcet.ac.in

31	T.laxmi varshitha	20h51a0479@cmrcet.ac.in
32	Y.sathvika	20h51a04j7@cmrcet.ac.in
33	C.sunil kumar	21h55a0403@cmrcet.ac.in
34	M.mani kiran	21h55a0413@cmrcet.ac.in
35	R.gopi Lavan	20h51a0448@cmrcet.ac.in
36	C.Dinesh	21h55a0404@cmrcet.ac.in
37	A.Tejasree	20h51a0483@cmrcet.ac.in
38	Shanthi priya	21h55a0417@cmrcet.ac.in
39	C.Nikhil	20h51a04j8@cmrcet.ac.in
40	S.Leelavaraparsad	20h51a0451@cmrcet.ac.in
41	V.swathi	21h55a0421@cmrcet.ac.in
42	T.sagarika	21h55a0420@cmrcet.ac.in
43	B.uday Kiran	20h51a0455@cmrcet.ac.in
44	Y.vamshi Reddy	20h51a04A8@cmrcet.ac.in
45	K.bhanu prakash	20h51a04L2@cmrcet.ac.in
46	B.keerthi Reddy	20h51a0457@cmrcet.ac.in
47	D.Bhanu sree	20h51a04b6@cmrcet.ac.in
48	S.Vamshi	21h55a0418@cmrcet.ac.in
49	Y.Bharath	21h55a0424@cmrcet.ac.in
50	shaik Thaha	21h55a0416@cmrcet.ac.in
51	Sudhesh srivastav	20h51a0423@cmrcet.ac.in
52	P. Bhargav Simha	20h51a04c7@cmrcet.ac.in
53	Dasari Aishwarya	21h55a0406@cmrcet.ac.in
54	D. Suhasini	21h55a0405@cmrcet.ac.in
55	M.Adwith	20h51a04l6@cmrcet.ac.in
56	V.Tharun	21h55a0423@cmrcet.ac.in
57	Y.preethika	20h51a0427@cmrcet.ac.in
58	T.Srilaxmi	21h55a0419@cmrcet.ac.in

35.One Week Faculty Development Program on Engineering Exploration & Practice
16th _to_ 21st _May 2022_

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 centered 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
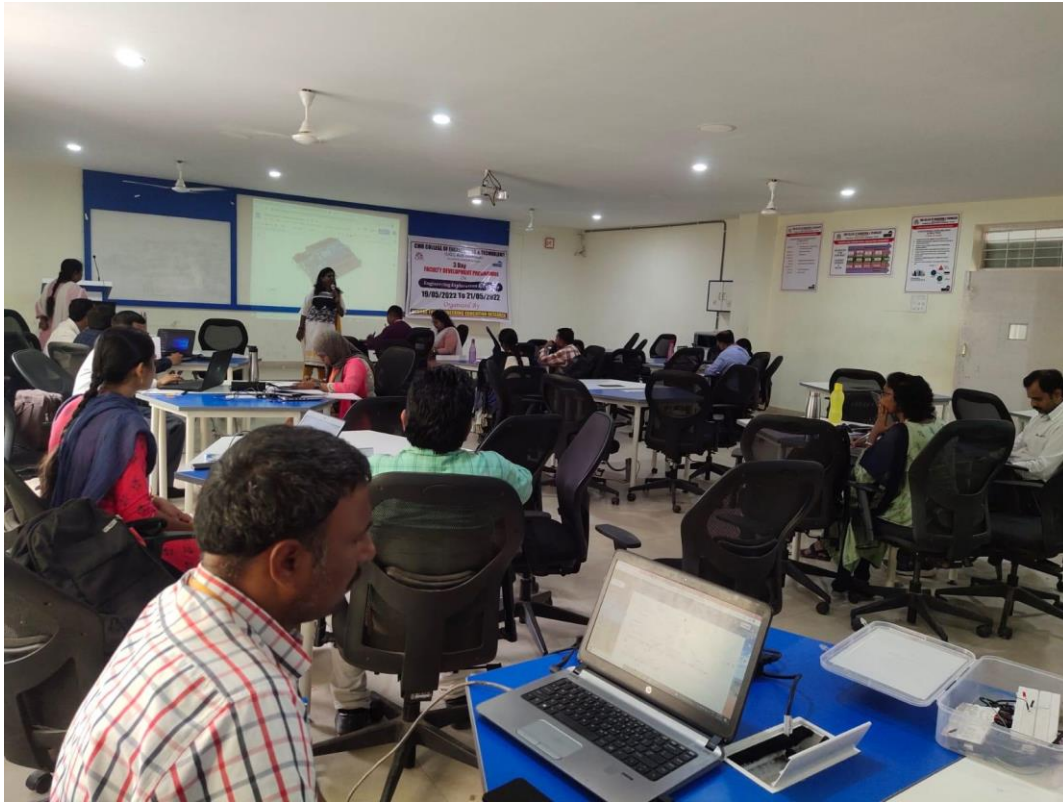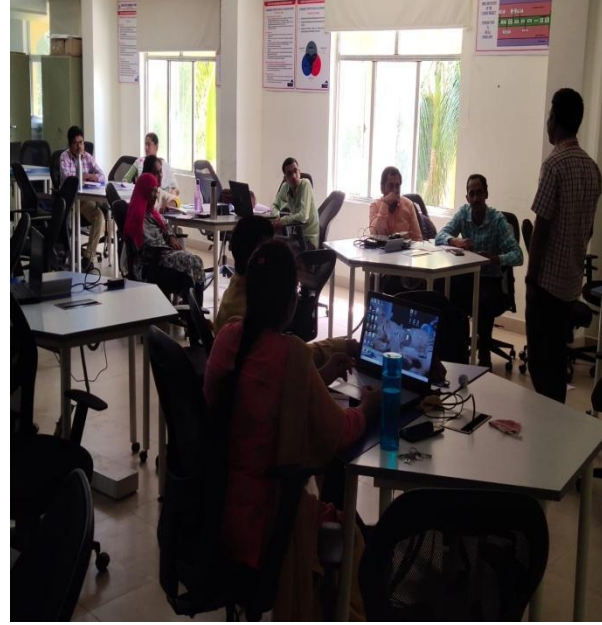
Certificate Distribution

36.CEER faculty participation in ICPST 2022

Six faculty from CEER has published 9 papers in International Conference On Physical Science And Technology 2022 (ICPST 2022) held during 21st - 22nd May 2022.

CERTIFICATE
OF PRESENTATION

INTERNATIONAL CONFERENCE ON
PHYSICAL SCIENCE AND TECHNOLOGY (ICPST-2022)

21ST - 22ND MAY 2022 | VIRTUAL CONFERENCE

Co-host

Certificate No. IFERP20222122-222143

This is to Certify that **Chowtapalli Neelima** of
CMR COLLEGE OF ENGINEERING AND TECHNOLOGY presented his/her research
paper titled **DIGI ANGLE METER**

in the "International Conference on Physical Science And Technology (ICPST-2022)" organized by Institute For Engineering Research and Publication
(IFERP) held on 21st - 22nd May 2022 Virtual Conference.

Mr. Siddth Kumar Chhajer
Managing Director
Institute For Engineering Research and
Publication (IFERP)

Mr. Rudra Bhanu Satpathy
CEO & Founder
Institute For Engineering Research and
Publication (IFERP)

CERTIFICATE
OF PRESENTATION

INTERNATIONAL CONFERENCE ON
PHYSICAL SCIENCE AND TECHNOLOGY (ICPST-2022)

21ST - 22ND MAY 2022 | VIRTUAL CONFERENCE

Co-host

Certificate No. IFERP20222122-222145

This is to Certify that **Chowtapalli Neelima** of
CMR COLLEGE OF ENGINEERING AND TECHNOLOGY presented his/her research
paper titled **LOCUS TRACKER USING GSM/GPS MODULE**

in the "International Conference on Physical Science And Technology (ICPST-2022)" organized by Institute For Engineering Research and Publication
(IFERP) held on 21st - 22nd May 2022 Virtual Conference.

Mr. Siddth Kumar Chhajer
Managing Director
Institute For Engineering Research and
Publication (IFERP)

Mr. Rudra Bhanu Satpathy
CEO & Founder
Institute For Engineering Research and
Publication (IFERP)

107

Certificate of Presentation — International Conference on Physical Science And Technology (ICPST-2022), 21st - 22nd May 2022, Virtual Conference. Certificate No. IFERP20222122-222144. This is to certify that Chowtapalli Neelima of CMR COLLEGE OF ENGINEERING AND TECHNOLOGY presented his/her research paper titled TAP2PAY – IoT Based Automated Bus Fare Collection System.

Certificate of Presentation — International Conference on Physical Science And Technology (ICPST-2022), 21st - 22nd May 2022, Virtual Conference. Certificate No. IFERP20222122-222135. This is to certify that archana bathula of CMR College of Engineering & Technology presented his/her research paper titled AI Based Fatigue Alert System.

ICPST

CERTIFICATE
—OF PRESENTATION—

IFERP
connecting engineers...developing research

INTERNATIONAL CONFERENCE ON
PHYSICAL SCIENCE AND TECHNOLOGY (ICPST-2022)

21ST - 22ND MAY 2022 | VIRTUAL CONFERENCE

Co-host

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING   CMR COLLEGE OF ENGINEERING & TECHNOLOGY

Certificate No. IFERP20222122-222162

B Venkateshwar Rao

This is to Certify that .... of

CMR College of Engineering & Technology .... presented his/her research

paper titled .... *GSM and GPS based vehicle theft detection system* ....

....

in the "International Conference on Physical Science And Technology (ICPST-2022)" organized by Institute For Engineering Research and Publication

(IFERP) held on 21st - 22nd May 2022 Virtual Conference.

Mr. Siddth Kumar Chhajer
Managing Director
Institute For Engineering Research and
Publication (IFERP)

IFERP

Mr. Rudra Bhanu Satpathy
CEO & Founder
Institute For Engineering Research and
Publication (IFERP)

ICPST

CERTIFICATE
—OF PRESENTATION—

IFERP
connecting engineers...developing research

INTERNATIONAL CONFERENCE ON
PHYSICAL SCIENCE AND TECHNOLOGY (ICPST-2022)

21ST - 22ND MAY 2022 | VIRTUAL CONFERENCE

Co-host

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING   CMR COLLEGE OF ENGINEERING & TECHNOLOGY

Certificate No. IFERP20222122-222144

Shilparani H Rajapur

This is to Certify that .... of

CMR College of Engineering & Technology , Hyderabad .... presented his/her research

paper titled .... *TAP2PAY – IoT Based Automated Bus Fare Collection System* ....

....

in the "International Conference on Physical Science And Technology (ICPST-2022)" organized by Institute For Engineering Research and Publication

(IFERP) held on 21st - 22nd May 2022 Virtual Conference.

Mr. Siddth Kumar Chhajer
Managing Director
Institute For Engineering Research and
Publication (IFERP)

IFERP

Mr. Rudra Bhanu Satpathy
CEO & Founder
Institute For Engineering Research and
Publication (IFERP)

CERTIFICATE
OF PRESENTATION

INTERNATIONAL CONFERENCE ON PHYSICAL SCIENCE AND TECHNOLOGY (ICPST-2022)

21ST - 22ND MAY 2022 | VIRTUAL CONFERENCE

Co-host

Certificate No. IFERP20222122-222157

This is to Certify that **Shilparani H Rajapur** of

CMR College of Engineering & Technology , Hyderabad presented his/her research

paper titled *BLUETOOTH CONTROLLED DOOR LATCH*

in the "International Conference on Physical Science And Technology (ICPST-2022)" organized by Institute For Engineering Research and Publication (IFERP) held on 21st - 22nd May 2022 Virtual Conference.

Mr. Siddth Kumar Chhajer
Managing Director
Institute For Engineering Research and
Publication (IFERP)

Mr. Rudra Bhanu Satpathy
CEO & Founder
Institute For Engineering Research and
Publication (IFERP)

CERTIFICATE
—OF PRESENTATION—

INTERNATIONAL CONFERENCE ON
PHYSICAL SCIENCE AND TECHNOLOGY (ICPST-2022)

21ST - 22ND MAY 2022 | VIRTUAL CONFERENCE

Co-host

Certificate No. IFERP20222122-222135

This is to Certify that ....**Md Asma**...of

CMR College of Engineering & Technology,Hyderabad ....presented his/her research

paper titled ....*AI Based Fatigue Alert System*...

in the "International Conference on Physical Science And Technology (ICPST-2022)" organized by Institute For Engineering Research and Publication

(IFERP) held on 21st - 22nd May 2022 Virtual Conference.

Mr. Siddth Kumar Chhajer
Managing Director
Institute For Engineering Research and
Publication (IFERP)

IFERP

Mr. Rudra Bhanu Satpathy
CEO & Founder
Institute For Engineering Research and
Publication (IFERP)

37. Installation Ceremony of "Rotary Club CMR College of Engineering & Technology"

Installation Ceremony of Rotary Club of CMR College of Engineering & Technology
was successfully organized in CMR college of Engineering and Technology, on 31st May 2022 by **CENTER FOR ENGINEERING EDUCATION RESEARCH**. The programme received on overwhelming response from the students.

The program was inaugurated in the morning at 159 Room training & placement seminar hall in the CMRGI central Auditorium on 31st May 2022 by hands of Chief Guest Sri PDG Suesh Chandrashekhar, Guest of Honor Sri Principal Major Dr.V.A. Narayana (CMRCET), installation Officer Rtn M.Harihara Prasad (DRCC,RI District 3150),Special Invitee Rtr Manoj Varanasi (District Rotaract Representative, Sri Padmaja – secretary, Sri, Rajesh – Treasurer, Sri Ramu - Director, Youth Services, Sri, Anuradha, Bhargav - Director, Literacy, Rotary club of Abhyuday Hyderabad, Sri G.Abhinav Reddy CEO CMRGI ,Dr.A. Kotishwar HOD-CEER Mrs. Dr. Prof. S.B. Fatima Mary.
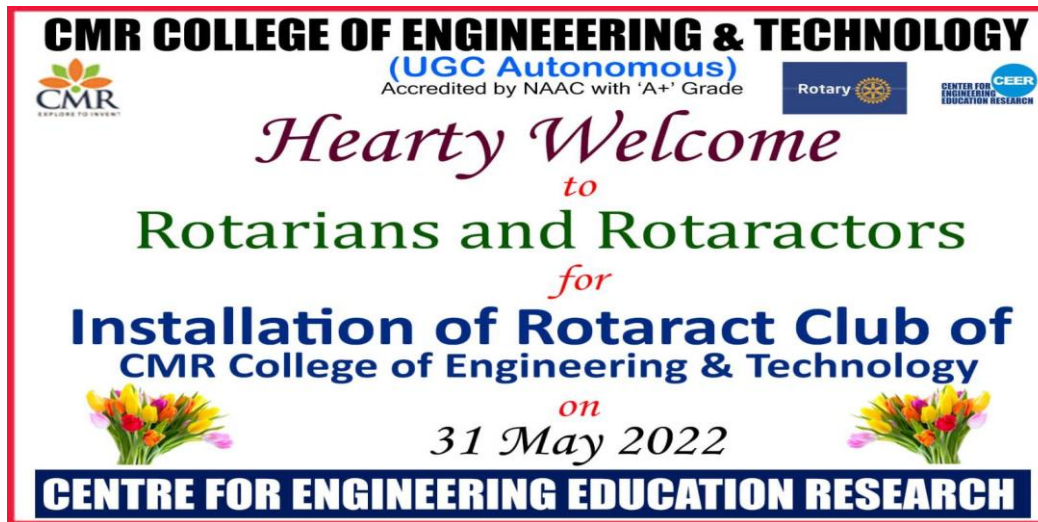
In welcome speech, sri.Padmaja,started the programme with invocation song by student Harshith Srinivas 2nd year ECE.

In the inaugural speech Mr.Suraj working as a vice president for MNC, shared his views on Rotary club like anything we do we need to think act and apply he further added that this Rotary club will provide special benefits to Students.

The Hon.Principal Major Dr.V.A.Narayana shared his views with the Student elected as board of directors and members of rotary club that if Students wants to develop themselves ,then involving in this Rotary club would enhance their skills practically and he also shared that it helps to improve the performance of their communication and public speaking skills and leadership skills..

Chief Guest Mr.Suresh Chandrashekhar gave his powerful and enlightened speech and many more which really inspired every one of us.

At the end vote of thanks by Mrs.Padmaja.

Photo gallery

38.MOU Panchavati Rural Development Society

CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC AUTONOMOUS)
(Affiliated to JNTU, Hyderabad and Approved by AICTE, New Delhi)

MEMORANDUM OF UNDERSTANDING

Between

CMR College of Engineering & Technology
(CMRCET)

CMR
GROUP OF INSTITUTIONS
EXPLORE TO INVENT

And
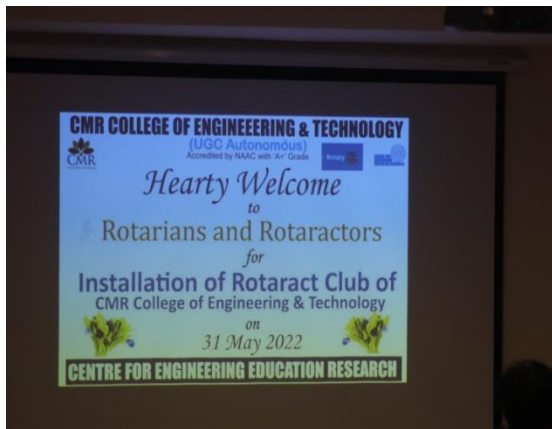
Panchavati Rural Development Society

1. About CMR College of Engineering & Technology (CMRCET)

CMR College of Engineering & Technology (CMRCET) is sponsored by MGR Educational society, which was established in 2002. The college is located in 10 acres of serene environment which is lush green and free of pollution. All B. Tech programmes are accredited by NBA. A UGC Autonomous institute, it aims to be a premier academic institution striving continuously for excellence in technical in technical education, research and technological service to the nation.

2. About Panchavati Rural Development Society

Panchavati Rural Development Society is a non-profit organization and is a registered Voluntary Organization under the Andhra Pradesh (Telangana areas) Public Societies Registration Act, 1350 Fasli (Act I of 1350.F) vide Registration No. 4586/94, dt.19-9-1994. The society is also Registered as a Charitable Institution U/S 12A & 80G of Income Tax Act 1961 vide F. No. Hqrs.II/12A/80G/89/94-95, dt.06-02-1996. The society's Permanent Account Number **(PAN) : AAA TP 4032 F.**Newly Registered u/s.12A UNIQUE REGISTRATION No: AAATP4032FE20212, Dated 24-09-2021.80G UNIQUE REGISTRATION NO: AAATP4032FF20210, dated 24-09-2021.CSR Activities and the Registration Number is: CSR00017337 dt.08.11.2021 with Ministry of Corporate Affairs, Government of India- New Delhi.

2.1 Objectives

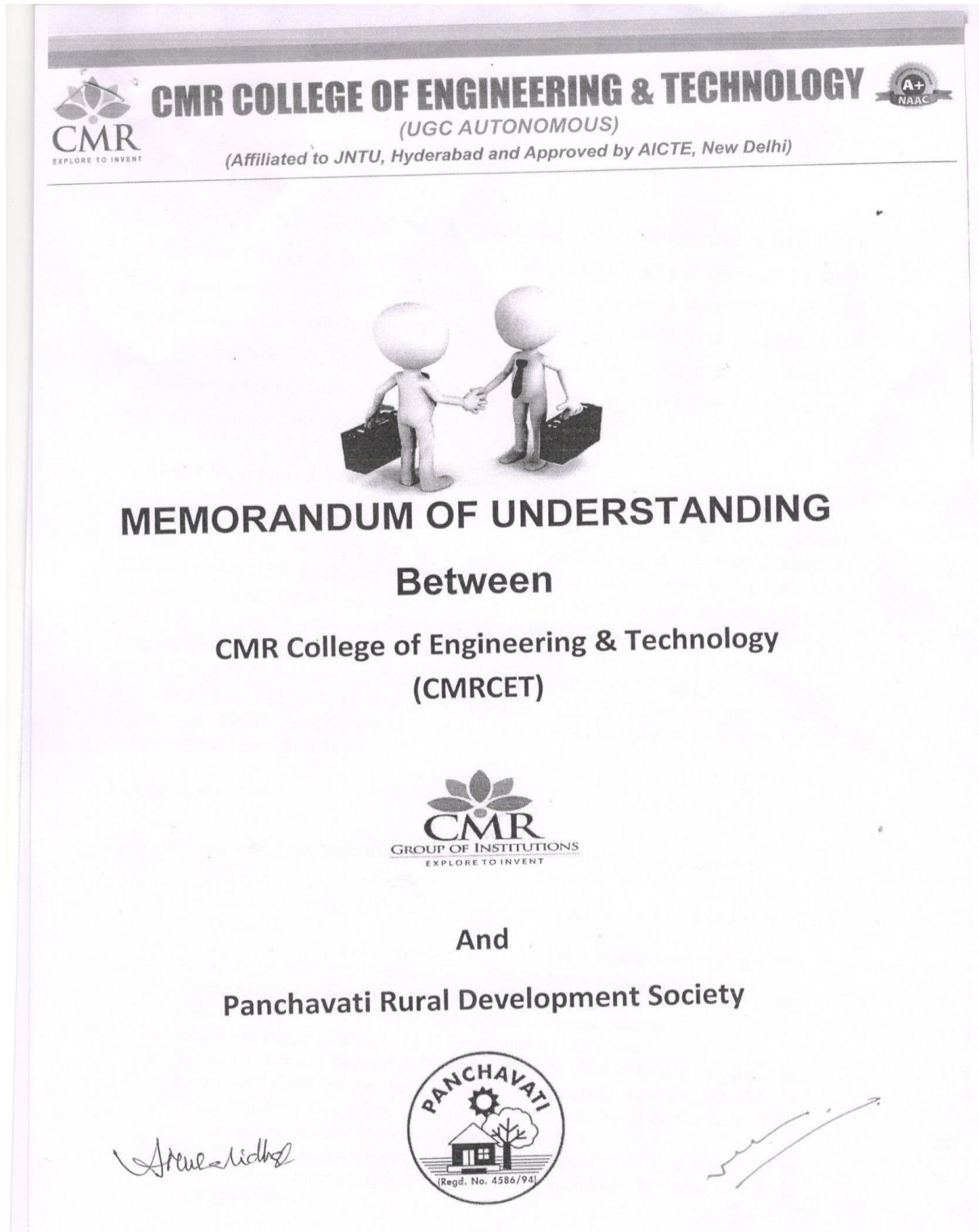The main objectives of the **Panchavati Rural Development Society** are as follows:

- ➤ To introduce early e-literacy learning to play school children's of rural communities.
- ➤ To train children's in the age-group of 6-14 years in computer typing , MS-Word, Paint, MS- Excel, Power Point, Internet knowledge.
- ➤ To train Youth and Adolescent girls in the age group of 14-18 years in MS Office package, DTP, accounts package and hardware training.
- ➤ Impart e-teachers training to 10+2 (Intermediate) / Graduates.
- ➤ To train Youth and Women in Communication Skills, Leadership development, Personality development, Spoken English and special courses like Fashion Designing, Web Designing, Multimedia courses etc. based on the need of the community assessment from time to time.
- ➤ To train & impart awareness session on importance of ICT & e-schemes to SHG women functionaries and community members in each village in Telangana State.

3. Objective of Memorandum of Understanding (MOU)

- To impart knowledge on programming, design, thinking & entrepreneurship to needy students.
- To create awareness among all the students and faculty in helping the needy.
- To motivate all the students towards Technology, sciences and research. .
- To work towards a policy change favouring society in all walks of life.
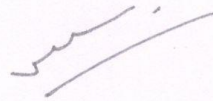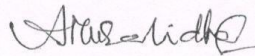
4. Institutional Commitment

Institution will carry out the activities, which are specific to **Panchavati Rural Development Society**, as per details given below:

i) **Workshop for the students and faculty-** These activity will be conducted once in a year in the form of a workshop/Seminar for the students and faculty.

ii) **Participation in Panchavati Rural Development Society-** The faculty and students will participate in activities of Panchavati Rural Development Society (Such as summer camps/seminars/Workshops etc.) outside the CMRCET , at least once in a year.

iii) Institute may provide facilities to organize the events/activities of "Panchavati Rural Development Society" at CMRCET, to impart knowledge on programming, design, thinking & entrepreneurship to students as and when facilities are ready as per the terms and conditions laid out by the institute.

5. Commitment of Community Partner

i) To conduct Workshop/Seminar for the students and faculty at least once in a year

ii) Panchavati Rural Development Society will provide training to the students.

MEMORANDUM OF UNDERSTANDING

The general objective of this Memorandum of Understanding (MOU) is to stimulate and facilitate the development of collaborative and mutually beneficial programs related to students and needy who serve to enhance the better life on both organizations. Thus, **Panchavati Rural Development Society** and CMR College of Engineering & Technology have agreed that in support of their mutual interests in the field of Free or Open Source Softwares(FOSS):

The MOU states that the two organizations will honor the agreement by Promoting interaction between **Panchavati Rural Development Society** and CMR College of Engineering & Technology in mutually beneficial areas of

- Sharing the knowledge and capability in the concern areas for mutual benefits and become trusted partners in the area of Education and betterment of Society.
- Facilitate work from CMR College of Engineering & Technology students/faculties and vice versa related to development and future enhancement of the poor people.
- To collaborate, share information and technology to develop the required skills needed for the society.
- To offer internship for students on the area of Innovation, Entrepreneurship and development.
- To support the institute in following activities
  o Capability development of the students.
  o Workshops, Conclave, seminars, Events.

The Memorandum signed will be the guiding document for both the parties for execution of the actions and initiatives in the near future. Both the organizations will encourage its members to define the overall strategy and roadmap to carry out the action points contained in it and report on the progress achieved at regular intervals.

This agreement will take effect from the date of its signing and shall be valid for a period of three years from that date unless sooner terminated, revoked or modified by mutual written agreement between Parties, and may be extended by mutual written agreement.

Either party may terminate the Agreement at any time during the term by the provision of three months written notice to the other party.

FOR CMR COLLEGE OF ENGINEERTNG &TECHNOLOGY

Name: _Dr V.A. Narayana_

Title: _Principal_

Date: _01 June 2022_

Sign: _____

FOR PANCHAVATI RURAL DEVELOPMENT SOCIETY

Name: _A. MURALIDHAR_

Title: _SECRETARY_

Date: _01-06-2022_

Sign: _____

A.Year-2022-2023

39.Hackathon22

Vishnu Srivatsava, P Siddartha, Rishi Balla, Shashankh Kanni, Have Won 1stPrize in the Hackathon22 Held During 3rd& 4thJune 2022 Organized By J-Hub, JNTU Hyderabad.

40.Patents Filed and Published

Required Senior Faculty Names as co-inventor for Filing Patents (Ideas of the Student & Faculty)

Sl. No	Title of the Idea	Name of the Student	Mobile	Name of the Senior Faculty to be assigned CEER
1	Video Controlling Hand Guestured System	K.Yugender	6304206766	i) K.Ravikiran ii) B.Suresh Ram iii) Kayyam Sathish iv) V.Srinivas
2	Smart Ceiling Fan	K.Bhanu Hemanth	9963237578	i) B.Suresh Ram ii) K.Ravikiran iii) N.Chandrasekhar Azad

3	Illegal Parking Management System	V.Hima Bindhu	7386143880	i) Talluri Rajesh ii) Shilparani H Rajapur iii)G.Karthik Reddy
4	Glove that translate sign language	T.Tanujha	7702810523	i) B.Archana ii) P.Mahesh Babu iii)D.Ajay

41.One Week Student Programm On "Basiscs Of Ardiuno"

One week student trianing programm On "Basiscs Of Ardiuno" during 27.06.2022 to 2.07.2022, for all 20 sections of B.Tech I year under Engineering Exploration practice course.

Event Title: Basics on Arduino programming
Dates: 27June2022 to 02 July 2022
Inaugural Session: Mr. B. Suresh Ram, HOD-CEER
Resource Persons: CEER Faculty
Number of Students attended
Number of Faculty attended

Event Report:

The **event titled**- **"Basics on Arduino programming"** conducted by Centre for Engineering Education Research, CMRCET and 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 organizedon **27 June2022.**

In **welcome** speech, **Principal Major Dr. V.A. Narayana** shared his views with the faculty and Students Participants that this Workshop aimed at imparting technical skills. This workshop will provide knowledge on basic arduino programming, electrical connections, function of electronic components and various sensors.

In the **inaugural** speech **Mr. B. Suresh Ram HOD-CEER**, shared his views on **Arduino programming**. He said that this workshop would be helpful to the Arduino based innovative projects and various sensors integrated with Arduino along with modules.

Mrs. Ch. Neelima& Ms. K. Ramani were explained about importance of arduino electrical connections, function of elerctronic components and various sensors and how to write a program for execution of experiments and how to download arduino software – integrated development environment. Some experiments are done by students also.

Following experiments are done during session by students:

1: Blinking an LED
2: LED glow when controller detects a button pressed using Arduino
3: Temperature Sensor
4: Interfacing Arduino with LCD
5: Interfacing Arduino Uno with Infrared Sensor
6: Interfacing Arduino Uno with Ultrasonic Sensor (Analog Sensor)

Arduino projects introduce students to basic electronics, computer hardware, sensors, motors, robots, and programming. Because Arduino projects interact with real world, this type of programming is called physical computing or interactive computing, and so is more fun to learn.

This One day Workshop on Integration of Sensors along with IOT Modules was really an informative to students they learnt the basics about computers, basic electronics, sensor and measurement technology and programming. We will also learnt how to combine software and hardware and how we can communicate with the outside world using computer programs and create simple prototypes.

At the end vote of thanks by **Ms. Amritha kumara Asst. Prof**

Event Photos:

CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

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	Mr.D. Ajay	dajay@cmrcet.ac.in
5	Ms.B. Archana	archana.prakash@cmrcet.ac.in
6	Mr.K. Sathish	kayyamsathish@cmrcet.ac.in
7	Mr.P. Mahesh Babu	mahesh@cmrcet.ac.in
8	Mr.R. Venkateswara Reddy	venkatreddyvari@cmrcet.ac.in
9	Mr.T. Rajesh	trajesh@cmrcet.ac.in
10	Mr.V.Srinivas	vasusrn@cmrcet.ac.in
11	Mrs. Shilpa Rani	hrshilparani@cmrcet.ac.in
12	Mrs. Asma	asma@cmrcet.ac.in
13	Mr. B VenkateshwarRao	bvenkateshwarrao@cmrcet.ac.in
14	Mr. K Raju	kraju@cmrcet.ac.in
15	Mr. B Balakrishna	bbalakrishna@cmrcet.ac.in
16	Ms. K Ramani	kramani@cmrcet.ac.in
17	Mrs. Narmada kari	narmadakari@cmrcet.ac.in

List of Student Participants

Sl. No.	Roll Number	Student Name	Mail Id
1	21H51A05D1	ANUJ KUMAR	21H51A05D1@cmrcet.ac.in
2	21H51A05D2	BACHAWAR VINITHA	21H51A05D2@cmrcet.ac.in
3	21H51A05D	BASHAM RAJU	21H51A05D3@cmrcet.ac.in

126

	3		
4	21H51A05D4	BUSSA TEJASWINI	21H51A05D4@cmrcet.ac.in
5	21H51A05D5	DADE DINISHA	21H51A05D5@cmrcet.ac.in
6	21H51A05D6	DEEKONDA SAKETH	21H51A05D6@cmrcet.ac.in
7	21H51A05D7	DHUDURI SATHVIKA	21H51A05D7@cmrcet.ac.in
8	21H51A05D8	GAMPALA SRI DURGA PRABHATH	21H51A05D8@cmrcet.ac.in
9	21H51A05D9	GUNDLA VAMSHIDHAR	21H51A05D9@cmrcet.ac.in
10	21H51A05E0	KASANAGOTTU AMULYA	21H51A05E0@cmrcet.ac.in
11	21H51A05E1	KOTHA VAISHNAVI	21H51A05E1@cmrcet.ac.in
12	21H51A05E2	KUMBALA ABHILASH REDDY	21H51A05E2@cmrcet.ac.in
13	21H51A05E3	MANCHI AKSHAYA	21H51A05E3@cmrcet.ac.in
14	21H51A05E4	MOHAMMAD ARSHAD NIZAMI	21H51A05E4@cmrcet.ac.in
15	21H51A05E5	MOHAMMAD JUNENUDDIN	21H51A05E5@cmrcet.ac.in
16	21H51A05E6	NAKKALA KEERTHANA	21H51A05E6@cmrcet.ac.in
17	21H51A05E7	NEELAM BHARATH KUMAR	21H51A05E7@cmrcet.ac.in
18	21H51A05E8	NEERUDI HARIPRASAD	21H51A05E8@cmrcet.ac.in
19	21H51A05E9	ODURI VEERAMANIKANTA	21H51A05E9@cmrcet.ac.in
20	21H51A05F0	OM GUPTA	21H51A05F0@cmrcet.ac.in
21	21H51A05F1	P Y GEETHA MADHURI	21H51A05F1@cmrcet.ac.in
22	21H51A05F2	ROHAN SACHIN RAKHE	21H51A05F2@cmrcet.ac.in
23	21H51A05F3	SHAIK ILLIYAZ	21H51A05F3@cmrcet.ac.in
24	21H51A05F4	SHAIK TASNIM	21H51A05F4@cmrcet.ac.in
25	21H51A05F5	TUSHAR PUNIA	21H51A05F5@cmrcet.ac.in
26	21H51A05F6	YARRAMSETTI MADHU VENKATA SURYA NARAYANA	21H51A05F6@cmrcet.ac.in
27	21H51A05F7	BABBI THAPA	21H51A05F7@cmrcet.ac.in
28	21H51A05F8	DODDI SAI PHANI HARI CHANDANA	21H51A05F8@cmrcet.ac.in
29	21H51A05F9	GADUGULA KALYANI	21H51A05F9@cmrcet.ac.in
30	21H51A05G0	GUDIPALLY SAI SANJAY	21H51A05G0@cmrcet.ac.in
31	21H51A05G1	GUNNA VINAY KUMAR REDDY	21H51A05G1@cmrcet.ac.in
32	21H51A05G2	IYLA SNEHARIKA	21H51A05G2@cmrcet.ac.in

33	21H51A05G3	K SRI HARINI	21H51A05G3@cmrcet.ac.in
34	21H51A05G4	KANDI SWETHA	21H51A05G4@cmrcet.ac.in
35	21H51A05G5	KANUGO NESHIT RAJ	21H51A05G5@cmrcet.ac.in
36	21H51A05G6	KHANDESH THANU SRI	21H51A05G6@cmrcet.ac.in
37	21H51A05G7	MAMIDI VENU GOPAL	21H51A05G7@cmrcet.ac.in
38	21H51A05G8	MARAGONI KARTHIKEYA	21H51A05G8@cmrcet.ac.in
39	21H51A05G9	NALIMELA JITHIN REDDY	21H51A05G9@cmrcet.ac.in
40	21H51A05H1	PATRAYADI RAVI	21H51A05H1@cmrcet.ac.in
41	21H51A05H2	PODDUTURI NITHIN REDDY	21H51A05H2@cmrcet.ac.in
42	21H51A05H3	POTHARAJU SAI KIRAN	21H51A05H3@cmrcet.ac.in
43	21H51A05H4	PULIGILLA SAI SIDDU	21H51A05H4@cmrcet.ac.in
44	21H51A05H5	SHERIKAR RAHUL	21H51A05H5@cmrcet.ac.in
45	21H51A05H6	SOMARAJUPALLI THEJASWI	21H51A05H6@cmrcet.ac.in
46	21H51A05H7	SUDAM SHIVA	21H51A05H7@cmrcet.ac.in
47	21H51A05H8	TADEM RAVITEJA	21H51A05H8@cmrcet.ac.in
48	21H51A05H9	THALLAM GEETHAN	21H51A05H9@cmrcet.ac.in
49	21H51A05J0	TODUPUNURI SHAI PRIYA	21H51A05J0@cmrcet.ac.in
50	21H51A05J1	TUMMALA SAHITH	21H51A05J1@cmrcet.ac.in
51	21H51A05J2	VIJAYAGIRI AMULYA	21H51A05J2@cmrcet.ac.in
52	21H51A05J3	ABHAY PRATAP SINGH	21H51A05J3@cmrcet.ac.in
53	21H51A05J4	AYEMON ZEBA	21H51A05J4@cmrcet.ac.in
54	21H51A05J5	BONDALA SRINATH	21H51A05J5@cmrcet.ac.in
55	21H51A05J6	DODDAPANENI MEGHAN CHOWDARY	21H51A05J6@cmrcet.ac.in
56	21H51A05J7	GORANTI SANTHU SATHWIK	21H51A05J7@cmrcet.ac.in
57	21H51A05J8	GUNTHAPALLI MALINI	21H51A05J8@cmrcet.ac.in

58	21H51A05J9	GURRAM KRISHNA PRASANTH CHOWDARY	21H51A05J9@cmrcet.ac.in
59	21H51A05K0	KACHIREDDY JAYASREE	21H51A05K0@cmrcet.ac.in
60	21H51A05K1	KAJA SANJEEV KUMAR	21H51A05K1@cmrcet.ac.in
61	21H51A05K2	KANTU ANANTHKUMAR	21H51A05K2@cmrcet.ac.in
62	21H51A05K3	KODIGANTI SAI KISHORE	21H51A05K3@cmrcet.ac.in
63	21H51A05K4	KONDETI VIKRAMREDDY	21H51A05K4@cmrcet.ac.in

C M R COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC Autonomous)
CENTRE FOR ENGINEERING EDUCATION RESEARCH
Schedule for Traning on Platform Based Development (EEP Module-4)

S.NO	SECTION	DATE	VENUE	Resource Persons		
1	CSM-A	27-06-2022	302,B-III	Mr. K.Sathish	Ms. Narmada Kari	Mr. Ravi Naik
2	AID	27-06-2022	118,B-I	Ms. B.Archana	Mr. K. Raju	Ms. K. Ramani
3	AIM	27-06-2022	303,B-III	Ms. Asma	Mr. B. Venkateshwara Rao	Mr. Priya Ranjan Raj
4	EEE	27-06-2022	202,B-I	Mr.P. Mahesh Babu	Ms. Shilparani H R	Mr. S. Suresh
5	CSE-B	28-06-2022	202,B-I	Mr. K.Sathish	Mr. K. Raju	Mr. Ravi Naik
6	CSE-D	28-06-2022	302,B-III	Ms. Asma	Ms. Narmada Kari	Mr. Priya Ranjan Raj
7	INF	28-06-2022	303,B-III	Mr. B. Suresh Ram	Mr. B. Venkateshwara Rao	Mr. Raman Kr.Mandal
8	CSC-B	28-06-2022	118,B-I	Ms. B.Archana	Mr. B. Bala Krishna	Ms. B. Shirisha
9	CSD	29-06-2022	302,B-III	Ms. B.Archana	Mr. B. Venkateshwara Rao	Mr. Amrita Kumari
10	CSC-A	29-06-2022	303,B-III	Mr. G.Karthik Reddy	Ms. Shilparani H R	Mr. B. Kondalu
11	CIV	29-06-2022	118,B-I	Mr.P. Mahesh Babu	Mr. B. Bala Krishna	Ms. B. Shirisha
12	ECE-C	30-06-2022	202,B-I	Mrs.Ch.Neelima	Mr. Amrita Kumari	Mr. S. Suresh
13	ECE-D	30-06-2022	303,B-III	Ms. Asma	Ms. Narmada Kari	Mr. B. Kondalu
14	MECH	30-06-2022	302,B-III	Mr. G.Karthik Reddy	Mr. B. Bala Krishna	Mr. Raman Kr.Mandal
15	ECE-A	01-07-2022	202,B-I	Mr. G.Karthik Reddy	Ms. Shilparani H R	Mr. S. Suresh
16	ECE-B	01-07-2022	118,B-I	Mr.P. Mahesh Babu	Mr. K. Raju	Mr. Amrita Kumari
17	CSM-B	01-07-2022	303,B-III	Mr. B. Suresh Ram	Mr. B. Venkateshwara Rao	Ms. B. Shirisha
18	CSM-C	01-07-2022	302,B-III	Mrs.Ch.Neelima	Mr. Ravi Naik	Mr. Priya Ranjan Raj
19	CSE-A	02-07-2022	202,B-I	Mr. K.Sathish	Mr. Raman Kr.Mandal	Mr. B. Kondalu
20	CSE-C	02-07-2022	118,B-I	Mrs.Ch.Neelima	Ms. K. Ramani	Mr. S. Suresh

CEER-HEAD
Mr. B. Suresh Ram

42.Project "Campus Mobility E-vehicle" shortlisted for MSME innovation scheme.

A project titled **"campus mobility E-vehicle"** was shortlisted for 14.81L funding under MSME innovation scheme implemented by Sahil Kumar, K.Harshith Srinivas, Rajnish under the guidance of B. Archana.

43.Article published in Namaste Telangana news paper under student innovation scheme.

An article was published in Namaste Telangana News paper under Student innovation which was designed by R.rahul and P.Anusha under the guidance of B. Suresh Ram, HOD CEER.

44. IUCEEP Course Completion Certification Program.

CERTIFICATE

OF COMPLETION

AWARDED TO

Kayyam Sathish

CMR College of Engineering & Technology

UPON SUCCESSFUL COMPLETION OF

IUCEE INTERNATIONAL ENGINEERING EDUCATOR CERTIFICATION PROGRAM
SPRING 2022

KRISHNA VEDULA

DR. KRISHNA VEDULA
EXECUTIVE DIRECTOR
IUCEE FOUNDATION

Veena Kumar

DR. VEENA KUMAR
EXECUTIVE DIRECTOR
IUCEE INTERNATIONAL ENGINEERING
EDUCATOR CERTIFICATION PROGRAM

Indo Universal Collaboration for Engineering Education

IUCEE FOUNDATION

IGIP International Society for Engineering Education, - Austria

CERTIFICATE

OF COMPLETION

AWARDED TO

Raju Kannukanthi

CMR College of Engineering & Technology

UPON SUCCESSFUL COMPLETION OF

IUCEE INTERNATIONAL ENGINEERING EDUCATOR CERTIFICATION PROGRAM
SPRING 2022

KRISHNA VEDULA

DR. KRISHNA VEDULA
EXECUTIVE DIRECTOR
IUCEE FOUNDATION

Veena Kumar

DR. VEENA KUMAR
EXECUTIVE DIRECTOR
IUCEE INTERNATIONAL ENGINEERING
EDUCATOR CERTIFICATION PROGRAM

Indo Universal Collaboration for Engineering Education
IUCEE FOUNDATION

IGIP International Society for Engineering Education, - Austria

CERTIFICATE
OF COMPLETION

AWARDED TO

B. Venkateshwar Rao

CMR College of Engineering & Technology

UPON SUCCESSFUL COMPLETION OF

IUCEE INTERNATIONAL ENGINEERING EDUCATOR CERTIFICATION PROGRAM
SPRING 2022

KRISHNA VEDULA

DR. KRISHNA VEDULA
EXECUTIVE DIRECTOR
IUCEE FOUNDATION

Veena Kumar

DR. VEENA KUMAR
EXECUTIVE DIRECTOR
IUCEE INTERNATIONAL ENGINEERING
EDUCATOR CERTIFICATION PROGRAM

Indo Universal Collaboration for Engineering Education
IUCEE FOUNDATION

IGIP International Society for Engineering Education, Austria

CERTIFICATE
OF COMPLETION

AWARDED TO

ASMA

CMR College of Engineering & Technology

UPON SUCCESSFUL COMPLETION OF

IUCEE INTERNATIONAL ENGINEERING EDUCATOR CERTIFICATION PROGRAM
SPRING 2022

KRISHNA VEDULA

DR. KRISHNA VEDULA
EXECUTIVE DIRECTOR
IUCEE FOUNDATION

Veena Kumar

DR. VEENA KUMAR
EXECUTIVE DIRECTOR
IUCEE INTERNATIONAL ENGINEERING
EDUCATOR CERTIFICATION PROGRAM

CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

Kandlakoya, Medchal, Hyderabad-501401

45.Indo-japan Ideathon.

Students of B. Tech III year have registered for Indo-Japan Ideathon during sep16-24 2022.

Details Regarding Ideathon (Indo-Japan)
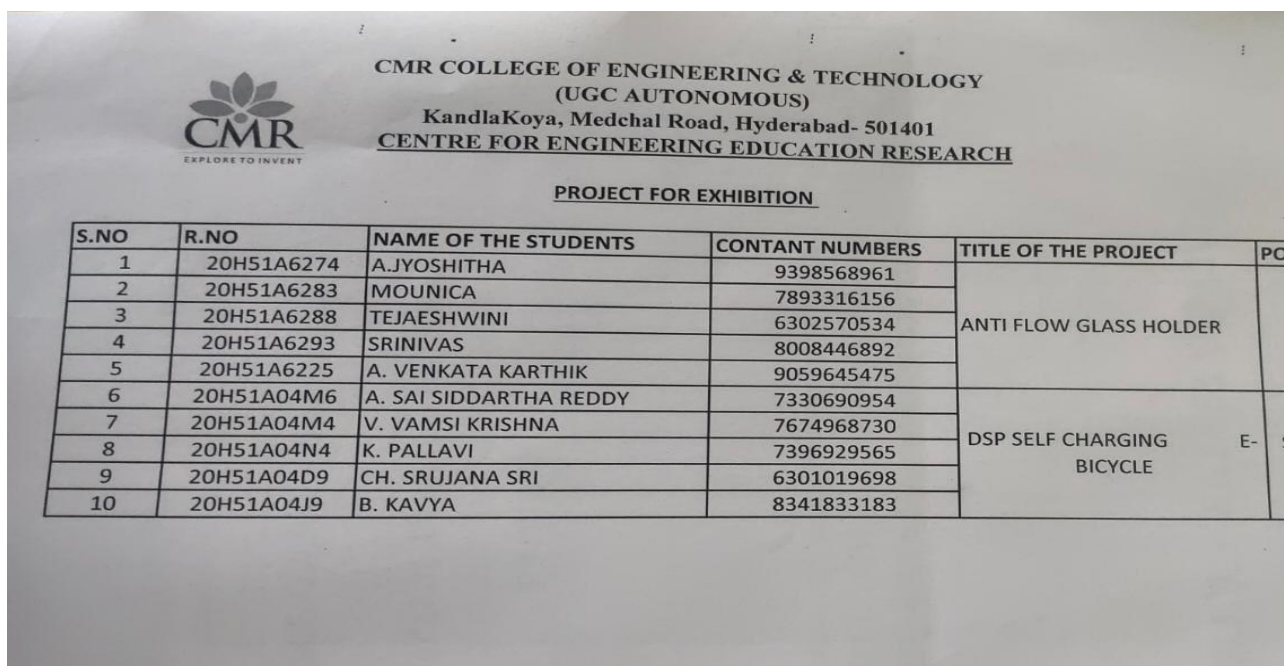
S.No.	Name of the Faculty	Roll No.	Name of the Student	Branch	Contact No
1	B. Suresh Ram	20H51A05J4	Rahul Sai Ranganathan	CSE	8074869024
2	B. suresh Ram	20H51A05J3	Anusha Pulipati	CSE	9704805935
3	B. Suresh Ram	20H51A05J7	Swarna BhagyaShree	CSE	9121167315
4	K.Sathish	20H51A0474	Noone Ankita	ECE	6304473994
5	B.Venkateshwar Rao	20H51A0431	B Shiva Sai Rohith	ECE	9652809119
6	B.Venkateshwar Rao	20H51A04F5	Rohan	ECE	9014575910
7	B.Balakrishna	20H51A04L8	S. Manishanker	ECE	9959835068
8	K.RAJU	20H51A6238	M.Sandeep Manikanta	CSC	8142674145
9	B.Balakrishna	20H51A04N1	K. Harshith Srinivas	ECE	9618449549
10	B.Balakrishna	20H51A04DO	Sk.Sahil	ECE	9515762697
11	B. Archana	20H51A04M4	V. Vamshi Krishna	ECE	7674968730
12	B.Venkateshwar Rao	20H51A04K2	Tarun chandragiri	ECE	6305974604
13	Asma	20H51A6648	Ajitha Thota	CSM	7993155457
14	K. RAMANI	20H51A0235	Rohith Reddy Madhira	EEE	9493917253
15	K.RAJU	20H51A6244	Shruthi Jha	CSC	9963691677
16	K. RAMANI	20H51A0210	P. Praveen	EEE	9381717787
17	K. RAMANI	20H55A0204	Chittumalli. Nithin kumar	EEE	8919559298
18	CH.NEELIMA	20H51A05N6	G.NITIN	CSE	8074480556
19	Asma	20H51A6247	Srija	CSC	7569180623
20	Asma	20H51A6681	Harsh Amilpur	CSM	7659929659
21	Asma	20H51A6652	B.Ankitha	CSM	7993155457
22	Asma	20H51A6653	D.Mercy Sunada	CSM	9603098479
23	Asma	20H51A6646	T.Asritha	CSM	9704928440
24	Shilparani H Rajapur	20H51A0534	Kushal Jain	CSE	6281 142 549
25	Shilparani H Rajapur	20H51A05B5	B.Shravya	CSE	7702989970
26	Shilparani H Rajapur	20H51A0590	E.Nishanth Reddy	CSE	89199 79373
27	Shilparani H Rajapur	20H51A0510	K.Sushmaraj	CSE	83746 83349
28	Shilparani H Rajapur	20H51A0516	M.Varun	CSE	6281 712 795
29	Shilparani H Rajapur	20H51A0508	S.V.Bhaskara varma	CSE	8341545979
30	CH.Neelima	20H51A05E6	L.Navya	CSE	9014594767
31	CH.Neelima	20H51A04H0	J.Skindhar	ECE	9502314024
32	CH.Neelima	20H51A04G7	G.Arun	ECE	8919960433
33	CH.Neelima	20H51A05P3	Jaswanth	CSE	93465 63274
34	CH.Neelima	20H51A05K1	B.Akash goud	CSE	7997948748
35	CH.Neelima	64L 95E49K6	N.Koushik	CSE	93812 85065
36	B.Archana	64L 95E49L <	M.Prithvi Raj	CSE	7815930503
37	B.Archana	20H51A04L6	M.Adwith.	ECE	9550140247
38	B.Archana	64L 95E49E<	Y.Rohith Reddy	CSE	9014968898
39	B.Archana	64L 95E49T<	Rajnish Yadav	CSE	9553029315
40	K.Sathish	21H55A0424	Y.Bharath	ECE	6302678911
41	k sathish	21H55A0413	M manikiran	ECE	6300776236

42	B.Archana	20H51A0518	S.Nikitha	CSE	8247573670
43	B.Archana	20H51A05G4	B.Varshith Goud	CSE	8096149875
44	B.Archana	20H51A0460	D.Bhanumathi	ECE	7794908968

46.Project exhibition at sreenidhi institute of science and technology

Two projects title "anti flow glass holder" and DSP self charging bicycle were applied for project exhibition at Sreenidhi Institute of Science and Technology, Hyderabad under IIC regional meet.

CMR COLLEGE OF ENGINEERING & TECHNOLOGY
(UGC AUTONOMOUS)
KandlaKoya, Medchal Road, Hyderabad- 501401
CENTRE FOR ENGINEERING EDUCATION RESEARCH

PROJECT FOR EXHIBITION

S.NO	R.NO	NAME OF THE STUDENTS	CONTANT NUMBERS	TITLE OF THE PROJECT	PO
1	20H51A6274	A.JYOSHITHA	9398568961	ANTI FLOW GLASS HOLDER	
2	20H51A6283	MOUNICA	7893316156		
3	20H51A6288	TEJAESHWINI	6302570534		
4	20H51A6293	SRINIVAS	8008446892		
5	20H51A6225	A. VENKATA KARTHIK	9059645475		
6	20H51A04M6	A. SAI SIDDARTHA REDDY	7330690954	DSP SELF CHARGING BICYCLE	E-
7	20H51A04M4	V. VAMSI KRISHNA	7674968730		
8	20H51A04N4	K. PALLAVI	7396929565		
9	20H51A04D9	CH. SRUJANA SRI	6301019698		
10	20H51A04J9	B. KAVYA	8341833183		

47.MOU signed with Nirman NGO

MOU signed with Nirman NGO which operational in 18 states.

x