



CMR ENGINEERING COLLEGE

(Approved by AICTE, Affiliated to JNTU, Hyderabad)

KANDLAKOYA (V), MEDCHAL ROAD, HYDERABAD-501401

DEPARTMENT OF MECHANICAL ENGINEERING

5th NATIONAL LEVEL SCIENCE EXPO-2K18

Name of the Guest:

Sri. Ch. Boopal Reddy, Secretary, CMREC
Sri. Ch. Srisailam Reddy, Chairman, CMREC
Dr. A.S. Reddy, Principal, CMREC
Dr. K.S.Reddy, Dean (Mech. Dept.)

Date of Visit: 27-10-2018.

No. of Participants: 1500, Faculty Members, Students & Parents.

Venue: Open Auditorium, CMREC.

Faculty Coordinator: Mr.M.Harsha Vardhan, Asst.Prof.

CMR Engineering College organized the fifth " **National Level Science Expo**" programme at the institute premises on 27 October 2018. The exhibition aimed at providing a common platform to the plethora of students to exhibit their innovative ideas. The theme for the exhibition was "Innovations for Sustainable Development" which has displayed an array of projects conceived by the young minds. The occasion was graced by many eminent judges from the field of multifarious education grades, who gave valuable inputs to the students and lauded their exceptional efforts in presenting their projects. These exhibits were modeled to provide solutions to many present and future socio-economic problems, particularly those confronted in this modern era.

The programme was inaugurated with the lighting of the lamp by the Chief Guests, **Shri IIT Chukka Ramaiah and B. Venkateshwar Rao** a renowned chief scientist along with other dignitaries. enthralled the students with his baritone and emphasized the vignettes of science and technology.

Sri CH Bhoopal Reddy Vice chairman of CMREC stressed the importance of technology lies in its manifold benefits to society that has revolutionized human life and provided an impetus to developments making the world a smaller and docile.

Sri CH Srishailam Reddy Secretary of CMR institution while delivering a speech on the occasion, said the advancement in the science and technology is directly and positively affecting the people's way of living, The enthusiastic Students are blessed to learn from a gamut of science presented under one roof. He asserted the technology is doubling for every 18 months so the students have to gallop need of the hour ergo everyone needs to study beyond curriculum with inquisitive thinking minds.

Dr. A Srinivas Reddy the principal enunciated to promote science and technology through such activities which showcase, disseminate and share knowledge and propel the man forward to discover the universe around him. We see a lot of projects on display here today that would

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sprout passion in the students. He approbated a variety of displays which has ushered the impressive spectrum of skills and creativity of the young minds



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Website: www.cmrec.ac.in

DEPARTMENT OF HUMANITIES & SCIENCES
WELCOMES YOU TO
5th NATIONAL LEVEL SCIENCE EXPO - 2018

WORKING MODELS:
BASIC SCIENCES & ENGINEERING
--> ELECTRICAL & ELECTRONICS
--> MECHANICAL ENGINEERING
--> COMPUTER SCIENCES
INNOVATIVE PROJECTS MODELS
PRODUCTS FOR DEMONSTRATION

DATE: 27th OCT 2018
10:00 AM

PRICE FOR WINERS:
1st PRIZE: 10000
2nd PRIZE: 8000
3rd PRIZE: 6000

CHIEF PATRONS:
Sri Ch. Narasimha Reddy, Chairman
Sri Ch. Bhupal Reddy, Vice-Chairman
Sri Ch. Shesailam Reddy, Secretary & Correspondent

PATRONS:
Dr. A.S. Reddy, Principal
Dr. K.V. Reddy, HOD(H&S)

ADVISORY COMMITTEE:
Dr. K.S. Reddy, Dr. Siro Kumar, Dr. D. Bhaskar Dappuri, Prof. P. Madhavi, Prof. N. Jeevan Kumar, Dr. B. Hari Krishna, Dr. C.N. Ravi, Dr. S. Prasad, Dr. K. Anitha

ORGANISING MEMBERS:
Dr. K. Ashok, Mr. Giraj Pathi Reddy, Mr. Y. Ravindra, Mr. Sranganu Brau, Mr. M. Mumukshu, Mr. Chiramanujan, Mr. Dima Vishveshwar, Mr. Divya Vani, Mr. Amjad Khan, Mr. Suresh Babu

VENUE: CMREC GROUNDS
CONTACT NO: 9849190323, 82475160





LIST OF THE PROJECTS FOR SCIENCE EXPO

SL NO	TITLE OF PROJECT	NAME OF STUDENT	YEAR
1	TWO SEATER COMPRESSED AIR CAR WITH SMART BRAKING SYSTEM SAE	CHANDAN PRUDHVI HARISH VENKATESH	IV-A (8096984779)
2.	MULTI FUNCTIONAL ELEVATOR	K. Pavan	II-C(9989014069)
		K. Koushik sagar	
3.	AUTOMATIC BRAKE FAILURE INDICATOR AND ENGINE OVER HEATING ALARM	Vikas Chandra REVANTH M. KIRAN	II- B (8179719015)
4.	MECHANICAL SPEED BREAKER POWER GENERATION	M. AKHILA	III-B(7989189606)
		MUBASHEER	II-B
		CHANDU	II-B
5.	SPEED BREAKER	JHANSI KARAN JADAV ROJA	III-B(9398226428)

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6.	GENEVA MECHANISM FOR CONVEYOR BELT (POWER REQUIRED)	T. HARI NATH KISHORE	III-D(9346810364)	
7.	BI-DIRECTIONAL DARRIEOUS WIND TURBINE	MURALI CHETAN KUMAR DAVID	II-A(7997620501)	
8.	3D-PRINTER (POWER REQUIRED)	DEEPTHI AJITH SINGH BHUPESH	III-B(9642621030) III-C	
9.	PEDAL OPERATED CHILLI CRUSHER	SUNIL ASIF	II-A II-C	
10.	PEDAL POWER WASHING MACHINE	NARASIMHA PRUDHVI	II-C(9985665729)	

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11.	SOLAR CUM ELECTRIC CAR SAE	MUKUL R. ROHIT NIKHIL	II-C(9100656080)	IV-B
12.	CLIMBING ROBOT	PAVAN KALYAN RAMA KRISHNA SHANKAR	II-B(7995532981)	
13.	ROBOT ARM	RAJASEKHAR HIMADISH ASHI BHARATHI	III-B(8096982936)	
14.	BLUETOOTH	MANISH T. SOWMYA RAMYA	III-B(7702127516)	II-A III-B
15.	HEXA COPTER	SRAVAN SHANMUKH PRIYANKA	II-A(7075674421)	
16.	FLIGHT	HARSHA SNITHA PRASHANTH	III-B(9133701705)	



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SL NO	TITLE OF PROJECT	NAME OF STUDENT	YEAR	SIGN
17	SOLAR GRASS CUTTER	SAI KRISHNA BHARATH	II-C(7893663079)	
18	ATV-1 SAE	G.SAI TEJA MANOJ VAMSI	IV-A(9493182719)	
19	ATV-2 SAE	SHIVAM CHOUDARY SACHIN A. SAI TEJA	IV-D(8374359734)	
20	360 DEGREES UNLOADER	FRANKLIN SHASHI DEEKSHITH	II-B(7893998523)	