

K.S.R.M. COLLEGE OF ENGINEERING

(UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India- 516 003

Approved by AICTE, New Delhi & Affiliated to JNTUA,
Ananthapuramu.

An ISO 14001:2004 & 9001: 2015 Certified Institution



Lr./KSRMCE/ (Department of E.C.E)/2021-22/

Date: **11.02.2022**

To

The Principal,
K.S.R.M.College of Engineering
Kadapa.

Respected Sir,

Sub:KSRMCE - (Department of E.C.E) -Subject - Requested - Reg. **conducting Project Expo for students.**

It is being brought to your kind notice that, With reference to the cited, the department of Electronics & Communication engineering would like to conduct "**PROJECT EXPO**" in association with ECHO on **17-02-2022**.The objective of this event is to encourage the students to improve their technical skills and presentation skills by exploring their project work. As the coordinator, I would like to request your support and permission to conduct this event from 10:00 AM to 12:00 PM at IoT lab. The participants will be II, III and IV year students of ECE.

Thanking you,

Yours Faithfully

Dr. Syed Zahiruddin
Associate Professor
ECHO Coordinator

Sri K. Pavan Kumar
Assistant Professor
ECHO Co-coordinator

*Forwarded to the
Principal Sir
G. H. J.*

*Permitted
U. S. S. Mm/5
11/02/2022*

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No./Circular/1.

Date: 11-02-2022

CIRCULAR

It is hereby informed that “**Project Expo**” in association with **ECHO** is going to be conducted by the department of ECE on 17-02-2022, from 10:00 AM to 12:00 PM in IOT lab, SJ215. In this regard all the 3rd year students are suggested mandatorily present their Social Relevant Projects. And all the interested students of I, II and IV year should enroll their names to the coordinator on or before 16-02-2022, 5PM. For the best projects prizes and certificates will be awarded.

Project Expo

co-ordinator: Dr. Syed Zahiruddin,

Associate Professor, Dept. of ECE.

Co-coordinator: Sri. P. Krishnateja Yadav

Assistant Professor, Dept. of ECE,

Judges for Project Expo:

1. Dr. Syed Zahiruddin, Associate Professor, ECE Dept.
2. Sri. K. Pavan Kumar, Assistant Professor, ECE Dept.

Head of Department, ECE

PRINCIPAL

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KADAPA - 516 003. (A.P.)



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Department of Electronics and Communication Engineering

ECHO Event
On

"PROJECT EXPO"

17th February, 2022

REPORT

- Target Group** : All ECE Students
- Details of Participants** : 55 Students
- Coordinator** : Dr. S. Zahiruddin, Associate Professor, ECE
- Co-coordinator** : Sri. P. Krishna Teja Yadav, Assistant Professor, ECE
- Organizing Department:** Electronics & Communication Engineering
- Venue** : IoT lab, SJ 215
- Judges** : Dr. S. Zahiruddin, Associate Professor, ECE
Sri. K. Pavan Kumar, Assistant Professor, ECE

Major objective of organizing Project Expo is to provide the platform and unleash the potential of the students by showcasing their innovative projects developed in the ECE stream, as Industry Defined Problem or User Defined Problem and provide an opportunity for the students to demonstrate their learning. The outcome of the event was that students were able to show their project at higher level and the process boosted their confidence.

The inaugural of the project expo witnessed the presence of Prof. V.S.S. Murthy, Principal, along with the faculty and staff members of Department of ECE.

Prof. G. Hemalatha, HOD, ECE Department formally welcomed the principal.

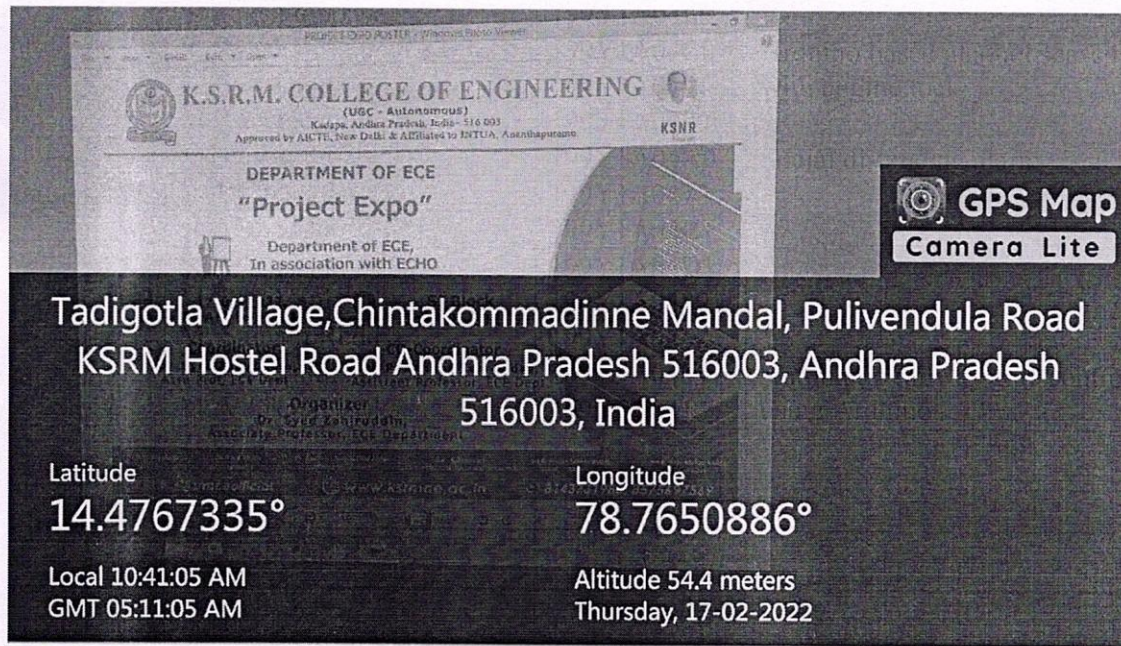
Prof M. VenkataNarayana, Dean of CRI, in his motivational address emphasized on the importance of learning new technologies and tools for the students.

List of the participants

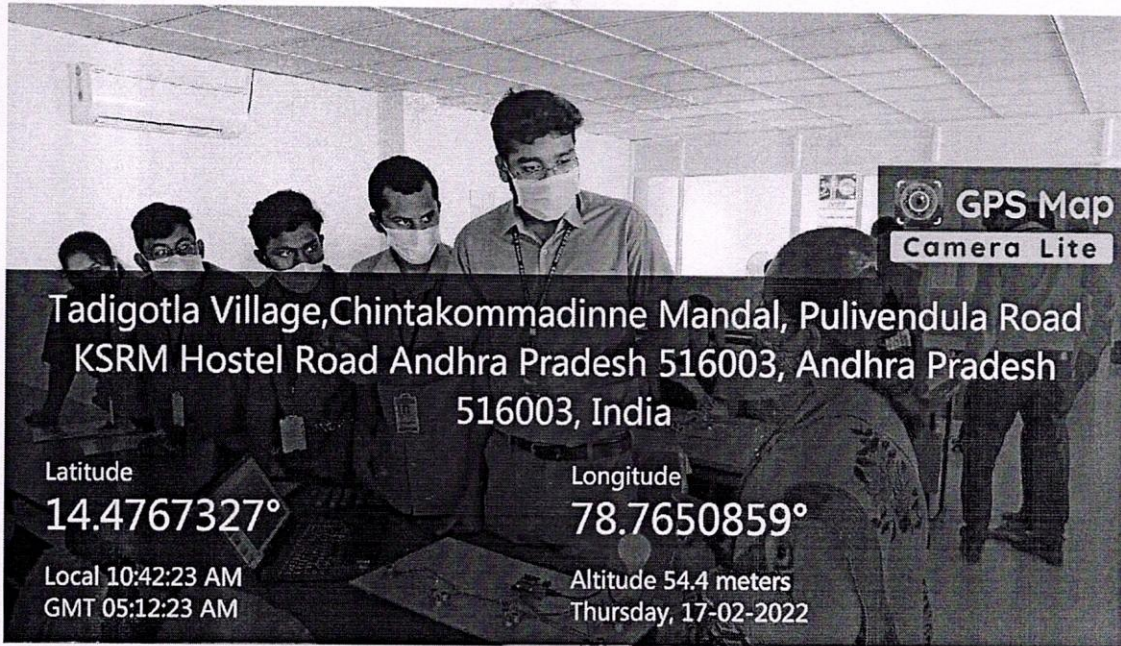
Batch No.	Student name	Roll No.	Project Title
1.	A. KavyaSree	199Y1A0403	Social Distancing alert/detector system
	J. Anjali	199Y1A0455	
	C. Varaprasad Reddy	199Y1A0422	
	C. Ankaiah	199Y1A0424	
	C. Stephen kumar	199Y1A0419	
2.	Y. Sweshitha	199Y1A04I4	Highway navigation system using LiFi
	Y. Sunandamma	199Y1A04I1	
	Y. Pavani	199Y1A04I2	
	T. Ramanjineyulu	199Y1A04G1	
	V. VenkataRamana Reddy	199Y1A04H5	
3.	P.Subhash Reddy	209Y5A0417	Touchless switch board for post covid world by using Arduino and relays
	S. Venkata Naga Sai	199Y1A04F3	
	T. Sivaji	199Y1A04G7	
	V. Vishnuvardhan Reddy	199Y1A04H2	
	S. Mehataj	199Y1A04E2	
4.	T. Deepthi	199Y1A04G4	Self Defence system for women with smart torch light
	N. Narasimha Reddy	209Y5A0415	
	G. MishmajaPravallika	209Y5A0406	
	S. Sadak Ali	199Y1A04E8	
	T. Akash Reddy	199Y1A04G5	
5.	G. Kaveetha	199Y1A0447	Design of rain detector sensor using Arduino Uno
6.	G. Swarnalatha	199Y1A0444	Automatic plant watering system and protection of plants using Arduino
	C. Sai Prakash Reddy	199Y1A0425	
	C.H. Sandeep	199Y1A0428	
7.	P. Geetha Reddy	199Y1A04C5	Driver anti sleep device using Arduino
	M. Sudha Rani	199Y1A0493	
8.	M. V. Manisha	199Y1A0496	Heart attack detector
	R. Keerthana	199Y1A04C8	
	K. Neha	199Y1A0475	
	S. K. Siva Charan Reddy	199Y1A04D0	
9.	R. Niharika	199Y1A04C7	Car parking system using IoT
	K. Prasanthi	199Y1A0469	
	P. TulasiSree	199Y1A04C1	
	K. Venkatesh	199Y1A0479	
	S. Jeelan	199Y1A04E0	

10.	T. Manasa	209Y5A0419	Voice controlled LEDs using Arduino and bluetooth
	T. Naveen Kumar	199Y1A04G6	
	L. Niharika	209Y5A0410	
	S. Sarveswar Reddy	199Y1A04F2	
	S. Lakshmi Priya	199Y1A04F6	
11.	P. Lingeswaramma	199Y1A04C0	Arduino based alcohol sensed with engine lock
	K. SaiCharan	199Y1A0471	
	M. Navaneetha	199Y1A0499	
12.	M. Pavani	199Y1A04A0	Social distancing alarm
	K. Rachana	199Y1A0473	
	N. Maneesha	199Y1A04B1	
	S. Lakshmi Prasanna	199Y1A04D1	
	M. SreeVani	199Y1A0489	
	M. Sainath Reddy	199Y1A0488	
13.	E. Leelavathi	209Y5A0402	Automatic railway gate control using Arduino
	M. VenkataHarika	209Y5A0413	

Photos of the event:



Event poster



Students presenting the project on “Touchless switch board for post covid world by using Arduino and relays”



Head of the Department observing the students project

Winners for the Project Expo

First prize: For the Project Title, "Car parking system using IoT"

R. Niharika	199Y1A04C7
K. Prasanthi	199Y1A0469
P. TulasiSree	199Y1A04C1
K. Venkatesh	199Y1A0479
S. Jeeelan	199Y1A04E0

Second Prize: For the Project Title, "Self Defence system for women with smart torch light"

T. Deepthi	199Y1A04G4
N. Narasimha Reddy	209Y5A0415
G. MishmajaPravallika	209Y5A0406
S. Sadak Ali	199Y1A04E8
T. Akash Reddy	199Y1A04G5

Co-ordinators:

1. Dr. Syed Zahiruddin
2. Sri. P. Krishna Teja Yadav

V. S. S. Murthy

Principal

PRINCIPAL

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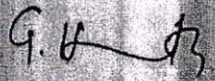



ECHO 2K21-22

Certificate of Participation

This is to certify that Mr./Ms. C.H. Sandeep
of IIIrd Year IInd Semester has participated in project Expo as a part of
ECHO ACTIVITIES and presented A Project titled Automatic plant watering system
and protection of plants using Arduino
Organized by Department of E.C.E.


Dr. Syed Zahiruddin
Co-ordinator


Dr. G. Hemalatha
H.O.D.


Dr. V.S.S. Murthy
Principal