



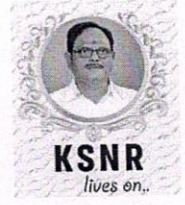
K.S.R.M. COLLEGE OF ENGINEERING

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Kadapa, Andhra Pradesh, India- 516 003

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Lr./KSRMCE/ ECE/2021-22/

Date: 23.04.2022

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

Respected Sir,

//THROUGH PROPER CHANNEL//

Sub: KSRMCE - ECE - Requested – permission for Project Expo – Dept. of ECE – 05th May, 2022 (Thursday)- Reg.

It is being brought to your kind notice that, With reference to the cited, the ECE department is planning to conduct PROJECT EXPO on 05th May, 2022. In this regard I kindly request you to give permission for organizing this event, for which kind of act we would be grateful to you sir.

Thanking you

Yours Faithfully

(Md. Mahaboob Pasha, Asst. Prof., ECE)

(A. Valli Bhasha, Asst. Prof., ECE)

*forwarded to the
principal sir
G. B.*

*Permitted
U. S. S. Murali
23/04/2022*



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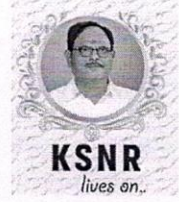
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Cr./KSRMCE/Dept. of ECE/2021-22/

Date:23-04-2022

Circular

It is to inform that Department of ECE is going to organize a PROJECT EXPO on 07-05-2022. In this connection all the interested final year ECE students are directed to utilize this opportunity and participate in this event.

U.S.S. MM/5

Principal

PRINCIPAL

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Cc to:

The Management / Director /Deans/HoDs/IQAC for information



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ACTIVITY REPORT

“PROJECT EXPO 2K22”

07th May, 2022

Target Group	:	Final Year ECE Students
Details of Participants	:	60 Students
Co-ordinators	:	Sri Md. Mahaboob Pasha & Sri A. Valli Bhasha
Student Co-ordinators	:	P Subhash Reddy, VI sem ECE
Organizing Department	:	Electronics and Communication Engineering
Venue	:	Communication Engineering Lab (SJ Block)

Description :

Department of Electronics and Communication Engineering organized “PROJECT EXPO – 2K22” on 7th May 2022. For this Project Expo 2K22 registrations were called from final year students. Total 13 teams were registered for this event.

The event started with the Inaugural function at 10.30 am in Communication Engineering Lab, SJ Block. Dr. M Venkatanarayana, Dean CRI and Dr. S L Prathapa Reddy, Associate Professor in ECE were invited as the technical experts for evaluating the projects. They addressed the students and explained the procedure for evaluating the projects.

After the inaugural session events started with students demonstrating their projects to the technical experts, faculty and students. Students from third year visited the projects and clarified their doubts.

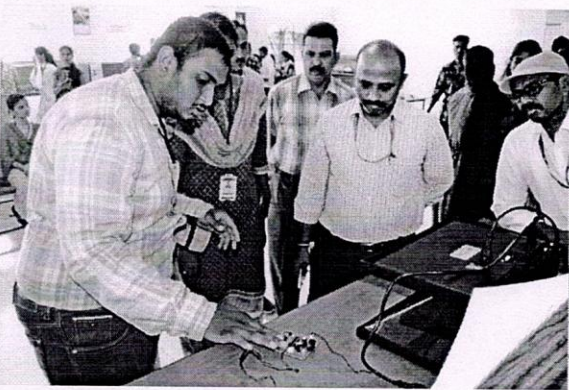
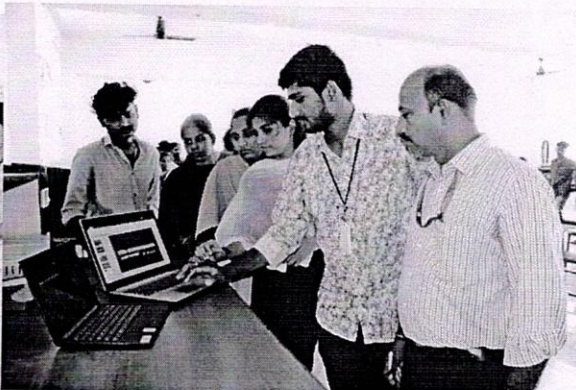
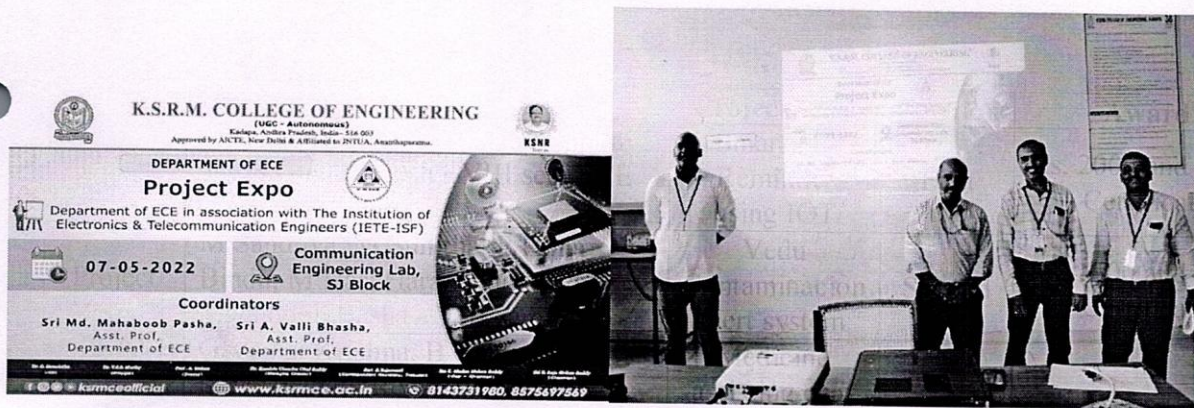
Valedictory function was organized at 1.00 pm to announce the winners and distribute the participation certificates. Coordinators of the event Sri Md Mahaboob Pasha and A Valli Bhasha announced the winners and Dr. M Venkatanarayana and Dr. SL Prathapa Reddy presented the Cash prize and merit certificates. Participation certificates were distributed to all the participants. The session ended by expressing thanks to Management, Principal, HOD, faculty, student coordinators, Volunteers and participants.

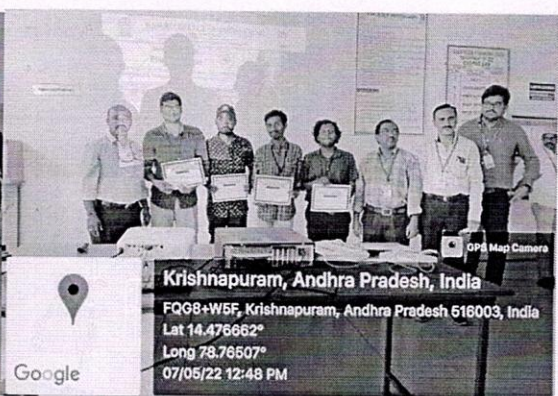
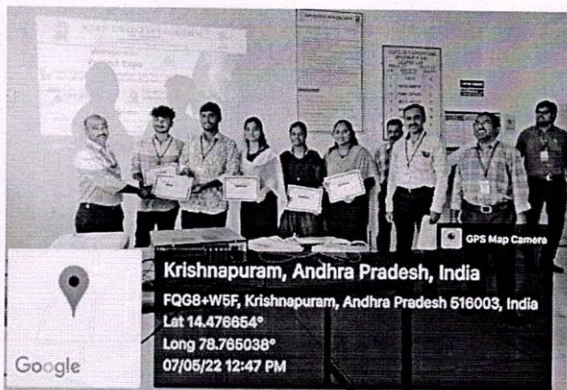
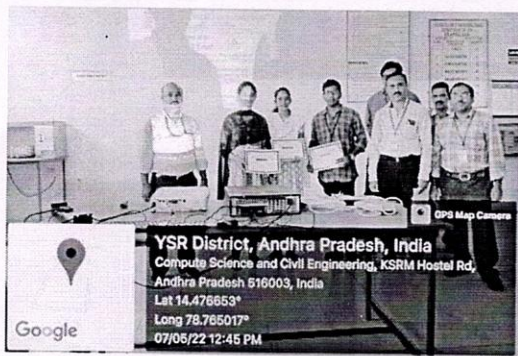
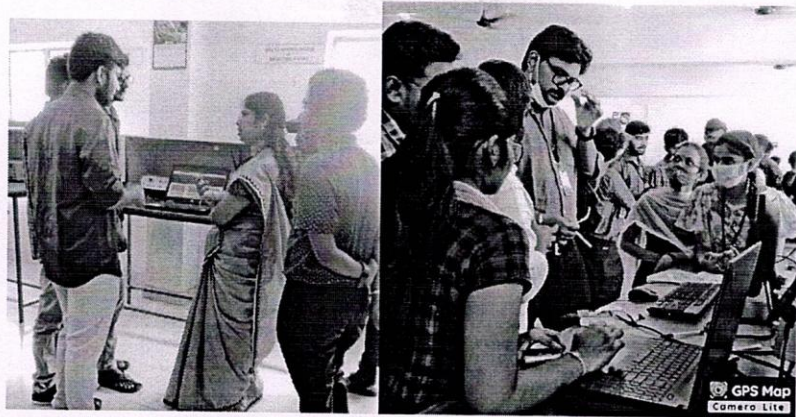


Winners details in various events:

Event	Winners	Project Title	Position	Award
Project Expo 2K22	G Jyothirmayee, K Lakshmi Sneha and S Guna Vikesh - VIII sem ECE	Smart Pill Reminder using IOT	First	Rs. 2000 and Merit Certificate
	M Sandhya, M Sunitha, P Hima Bindu, M Hari Haranandan and S Mahaboob Basha - VIII sem ECE	Vedu Contamination alert system	Second	Rs. 1500 and Merit Certificate
	G Vamsi Krishna, B Chetan Reddy, K Meghanath Reddy, B Sai harshavardhan and C Sainath - VIII sem ECE	Medicine assisting chat bot with machine learning	Third	Rs. 1000 and Merit Certificate

Photos :






A. V. Bhasma
 Co-ordinator

G. V. K.
 HOD

V. S. S. M. M. L. S.
 Principal

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Sl.	Project Name	Participants	College Name	Signature
1 ✓	Micro Organism's Image Recognition using Deep Learning Applications	K. Adwaith	KSRMCE	 Adwaith Charitha Sreekanth Manju
		K. Archad	KSRMCE	
		C. Charitha	KSRMCE	
		A. Sreekanth	KSRMCE	
		B. Manjunath Reddy	KSRMCE	
2 ✓	Identification of fake currency By using Image processing techs and artificial intelligence	K. Bharathi	KSRMCE	 Bharathi Mahesh G. Sai Tharun Kadithya Tharun
		B. Mahesh	KSRMCE	
		G. Sai Tharun	KSRMCE	
		A. Kadithya	KSRMCE	
		K. Tharun	KSRMCE	
3 ✓	Vedu contamination Alert system	M. Sandhya	KSRMCE	 M. Sandhya M. Sunitha P. Himabindu M. Harishera Nandan S. Mahaboub basha
		M. Sunitha	"	
		P. Himabindu	"	
		M. Harishera Nandan	"	
		S. Mahaboub basha	"	
4 ✓	Implementation of Real Time Hand Gesture For 3D Holographic Display	J. Hema Latha	KSRMCE	 J. Hema Latha D. Prahavika K. Reddy Vinod B. Chandra Sekhar E. Mahendra
		D. Prahavika	KSRMCE	
		K. Reddy Vinod	KSRMCE	
		B. Chandra Sekhar	KSRMCE	
		E. Mahendra	KSRMCE	
5 ✓	Thermal Image Segmentation using Deep learning for defect detection in composite Material	K. Kiran	KSRMCE	 K. Kiran J. poojitha K. Divya K. Abhilash
		J. poojitha	KSRMCE	
		K. Divya	KSRMCE	
		K. Abhilash	KSRMCE	

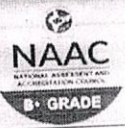
(Software)

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(H) II

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	project Name	Participants	college Name	Signature
6. ✓	Estimation of Groundnut crop area using multitemporal sentinel-1 SAR data	G. Deepika	KSRMCE	G. Deepika
		G. chaitanya	KSRMCE	G. chaitanya
		B. Reddi Subbarayudu	KSRMCE	B. Reddi Subbarayudu
		K. Chinnarayudu	KSRMCE	K. Chinnarayudu
		C. Sai kishore	KSRMCE	C. Kishore
7. ✓	Smart Pill Reminders Using IoT	G. Jyothirmayee	KSRMCE	G. Jyothirmayee
		K. Lakshmi sneha	KSRMCE	K. Sneha
		S. Gunavikesh	KSRMCE	S. Gunavikesh
8. ✓	ML Based Pothole and Speed breaker Detection using Smartphone sensor data	L. Saipranavarshitha	KSRMCE	L. Varshitha
		O. Srividya dharmaj VARMA	KSRMCE	
		P. Vinitha	KSRMCE	
		P. KUMAR ASHOKH	KSRMCE	
		P. Venkatesh	KSRMCE	P. Vg
9. ✓	Diabetic Tongue classification using various classifiers	D. Sivani	KSRMCE	D. Sani
		B. Hemanth	KSRMCE	
		G. Mukthananda	KSRMCE	
		B. Vinay kumar	KSRMCE	
		G. Naveen	KSRMCE	B. Vinay

(S)

I

Phonepay to (pasha sir)



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10. ✓	<u>Project Name</u> Estimation of cotton + Banana crop area using Multi-temporal Sentinel-1 SAR data	S. Ayesha	KSRMCE	S. Ayesha
		K. Madhupriya	KSRMCE	Hemant
		M. Arun Kumar	KSRMCE	M. Arun
		P. Pavan Kumar Reddy	KSRMCE	R. param
		P. obulesu		P. obulesu
11. ✓	<u>Project Name</u> GPS Tracker and Alcohol detection with engine locking system using GSM.	Y. Sravani	KSRMCE	Sruva
		A. Nagaswarupa.	KSRMCE	Sruva
		K. Mahendra Kumar	KSRMCE	Mahes
		P. Sharath Kumar.	KSRMCE	Sarath
		T. Shaik Wojid Hussian	KSRMCE	Wajid.
12. ✓	<u>Project Name</u> medicine Assisting chatbot with Machine learning	G. Vamsi Krishna	KSRMCE	Vamsi
		B. chetan Reddy	"	chetan
		K. Megharath Reddy	"	megh
		B. Sai Harsha Vardhan	"	harsh
		C. Sainath		sci
13. ✓	<u>Project name</u> Real time lab security system	G. manoj Kumar	KSRMCE	manoj
		G. Divya Sree	"	Divya sree
		A. Nagendra		Nand

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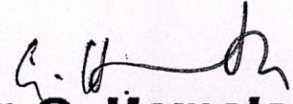
PROJECT EXPO 2K22

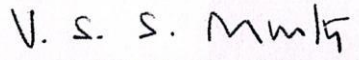
Explosion of Ideas

Participation certificate

This is to certify that Mr./Ms. E. MAHENDRA
student of VIII SEM has
participated in Project Expo 2K22 Held on 07 May 2022.


Md. Mahaboob Pasha
Co-ordinator


Dr. G. Hemalatha
Professor & HOD, ECE
Convener


Prof. V.S.S. Murthy
Principal