



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(Academic Year 2019-2020/ODD semester)
MINI PROJECT EXPO- 29th Aug' 2019

About the Expo:

Mini project expo was organized and coordinated by the Dept. of ECE giving an opportunity for the students to exhibit their technical intellect and creativity. It was held at Kings College of Engineering, Punalkulam in the department of Electronics and Communication Engineering on 29th August 2019. The projects involved embedded based models of IOT such as Traffic Simulator, solar power, water supply for irrigation and many more using sensors. “**MINI PROJECT EXPO-2019**” was informative and a grand success.



A live demo of drone was presented by students

The Chief guest and the Jury

The Expo was inaugurated after a ribbon cutting ceremony in the LIC Lab at 12.05 P.M by Dr. T. Anita Jones Mary, Associate Professor of Karunya University. The event was conducted by Mr.K.Sudarsanan AP/ECE and Mr.T.Paupathi AP/ECE, there are 15 batches of students from various colleges actively present their projects and the projects were evaluated by Mr.A.Herald AP/ECE and Mr.S.Ramarajan AP/ECE. Finally 3 best projects were awarded with a cash prize of Rs.750, Rs.500 and a gift respectively.



A live demo of drone was presented by students

Participants

The participants are the second year and third year students of the Electronics and Communication Engineering department. About 55 students participated in the exposition and 15 projects were exhibited. The students explained the working principle of their projects and demonstrated their outputs. The best projects were selected based on their novelty.

The faculty and students from various departments visited the Expo and shown keen interest in knowing the working of the projects displayed by the students. They expressed that events of this kind may be conducted in future also. The participants felt pleasure in displaying the projects they made and they thank Mrs.N.Mangaiyarkarasi,HoD/ECE for taking immense effort in organizing such events.

Prize distributions:

Mrs.N.Mangaiyarkarasi HOD/ECE distributed the cash award and prizes for the winners and also issued the participation certificates for all the participants. Mr.R.Thandayuthapani, AP/ECE coordinates the entire EXPO.



Awards & Prize distributions by Mrs.N.Mangaiyarkarasi HOD/ECE



Awards & Prize distributions by Mrs.N.Mangaiyarkarasi HOD/ECE

OUTCOME:

- Understand, plan and execute a Mini Project with team.
- Implement electronic hardware by learning PCB artwork design, soldering techniques, testing and troubleshooting etc.
- Prepare a technical report based on the Mini project.
- Deliver technical seminar based on the Mini Project work carried out.

Mini Project In-Charge

HoD/ECE

PRINCIPAL

TITLE OF THE MINI PROJECT WITH STUDENT NAME



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
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MINI PROJECT EXPO- 29th 08 2019

BATHCH NO	NAME OF THE STUDENT	TITLE OF THE MINI PROJECT	YEAR	ID NUMBER
1	A.Kawya G.Latchyasri K.Ramya M.Vinotha P.V.Vaisjmavi	Mobile phone detector using LM358	II	KCE/ECE/MP/201
2	P.Abisheik G.Prabhu S.Thirumurugan R.Arunkumar	Two Transistor Siren	II	KCE/ECE/MP/202
3	S.Aparna P.Shopiga V.Vishwabharathy C.Srimathi S.Priyadharsini	Garbage management using IOT	II	KCE/ECE/MP/203
4	D.Mounish Rajiah K.Divagar B.Ganesh	Security Alarm	II	KCE/ECE/MP/204
5	G.Keerthika M.Keerthika M.Aarthi J.Anitha A.Sarika	Touch ON & OFF Switch Circuit	II	KCE/ECE/MP/205
6	Senthamarai.M Lincy freedda.P Rochella.M Jayabharathi.P Keerthana Shai.G	Automatic Driving Pattern in RTO	III	KCE/ECE/MP/301
7	M.Iswarya R.Santhoshini R.Roshini S.Nandhini S.Chitrasri	Power theft indicating device	III	KCE/ECE/MP/302

8	A.Eswari B.Dharsini M.Manushya T.Vinitha	Implementation of effective driver vigilance systems for frowziness detection	III	KCE/ECE/MP/303
9	A.Siva saranya K.Sowndharya K.Rajalakshmi M.Srithala	Bus speed control When detected in the steps	III	KCE/ECE/MP/304
10	Y.Sivanantham M.A.Yuvan kishore R.Viswanath R.Sivakumar	Wireless power transfer- Tesla	III	KCE/ECE/MP/305

Total no of projects: 10

Total no of students: 44



Mini Project In-Charge



HoD/ECE



PRINCIPAL