



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(Academic Year 2018-2019/ODD semester)

MINI PROJECT EXPO- 20th sep' 2018

About the Expo:

The Mini Project is a mechanism to demonstrate the student abilities and specialization. It provides the opportunity for the student to demonstrate originality, teamwork, inspiration, planning and organization in a project, and to put into practice some of the techniques the student has been taught throughout the previous courses.

“**MINI PROJECT EXPO-2018**” was held at Kings College of Engineering, Punalkulam in the department of Electronics and Communication Engineering on 20th September 2018. The projects involved embedded based models of IOT such as Traffic Simulator, solar power, water supply for irrigation and many more using sensors.

The Chief Guest

The Expo was inaugurated after a ribbon cutting ceremony in the Digital Electronics Lab at 12.05 P.M by **Dr.R.Rajendran**, Secretary, Kings College of Engineering. The projects were judged by **Mr.A.Athiraja (Alumni)**, and **Mr.T.Pasupathi**, Assistant Professor, Kings College of Engineering.

Participants

The participants are the second year and third year students of the Electronics and Communication Engineering department. About **53 students** participated in the exposition and **17 projects** were exhibited. Students exhibited their projects related to IOT, Li-Fi system and Blind helper system. The best projects were selected based on their novelty.



A live demo of drone was presented by students

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.

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.



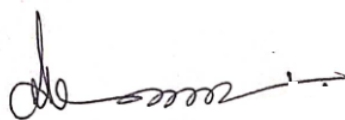
Awards & Prize distributions by Mrs.N.Mangaiyarkarasi HOD/ECE

OUTCOME:

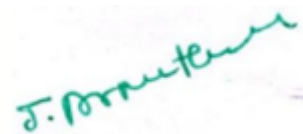
- Understand, plan and execute a Mini Project with team.
- Implement electronic hardware by learning PCB artwork design, soldering techniques, testing and troubleshooting etc.
- Prepare a technical report based on the Mini project.
- Deliver technical seminar based on the Mini Project work carried out.



Mini Project In-Charge



HoD/ECE



PRINCIPAL



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2018-2019) ODD SEMESTER**

Date: 20/09/2017

TITLE OF THE MINI PROJECT WITH STUDENT NAME

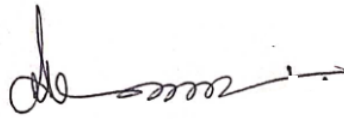
Sl. No	Name of the Student	Year	Name of the college	Name of the Project
1	S.Agalya G.Kayadevi T.Archana S.Dhanaharshini	III	Kings College of Engineering	Wireless Power Transmission
2	V.Sasirekha J.Santhakumari U.K.Vithyasri K.Priyadharshini	III		Smart Menu Ordering Contol System
3	R.Dhivyadharshini C.Ranjitha D.Ranjitha	III		Panic Alarm
4	M.Rasika A.Elakiyakowshika P.Priyadarshini K.Vinitha	III		Temperature Monitoring System
5	R.Sowmiya M.Kowsalya K.Meera J.Indhuja	III		Wireless Communication
6	B.Melvin Charles M.Vijay R.Sarankumar	II		Gate Security Alarm with Automatic Light Switch On
7	V.G.Amirtha T.Sowmiya J.Julivat	II		Automatic Human and Metal Detector System
8	G.Keerthana Shri B.Ishwarya T.Nisha M.Manushiya	II		Automatic Dustbin Management System
9	R.Vishwanath M.A.Yuvankishore Y.Sivanantham	II		Demonstration of Laser Communication System
10	G.Surya S.Akash B.Pilavendran Nirmal	II		Automatic Smoking Zone Monitoring & Alerting system
11	M. Iswarya R.Santhoshini R.Roshini	II		Highway Accident Prevention & Alert System
12	P.Gokul K.K.Harish K. Ajith	II		Home Appliances Control Using Sensor For Physically Challenged People
13	M.Srithala B.Dharshini	II		Data Transmission using Li-Fi

14	S.Nandhini S.Chitrarsi M.Ezhilarasi	II	Kings College of Engineering	Automatic Solar Tracking System
15	S.Deepika Sri R.Pooja	II	Anjalai Ammal Mahalingam Engineering College	Blind Helper Machine
16	A.Ashok kumar A.Arawinth kumar M.Surya	II	Rathinam Technical Campus	Smart Transmission Line Breakage Detection
17	R.Karthik Raj S.Kumaran G.Balamurali	II	Rathinam Technical Campus	IOT Based Home Automation

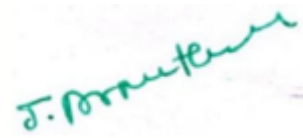
Total no of projects: 17 / Total no of students: 53



Mini Project In-Charge



HoD/ECE



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