



A NAAC Accredited Institution
KINGS
COLLEGE OF ENGINEERING
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Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



MINIPROJECT EXPO-"EC2K21" REPORT

Organized by

**Mr. S.SIVAKUMAR
AP/ECE**



**ISTE STUDENT CHAPTER (TN 217)
ACADEMIC YEAR 2021-22(ODD SEMESTER)**

MINIPROJECT EXPO-“EC2K21” REPORT

The Department of Electronics and Communication Engineering and ISTE Student Chapter (TN217), Kings College of Engineering jointly organized a competition on **Mini Project Expo-‘EC2K21’** on 30.10.21 between 10.00am - 3.30pm through online mode for the ISTE student members of ECE Department. Initially Mrs. N. Mangaiyarkarasi HOD/ECE has given some important tips to the students regarding the expo. Nearly 30 students have actively participated in this competition. There are one external and two internal juries evaluated the projects.

Name of Juries: (External)

Mr. S.V. Vijayakarthik
Research Scholar,
Anna University, Chennai.

Internal Juries:

Mr. R. Thandayuthapani
Mr. W. Newton David Raj
AP/ECE

LIST OF PROJECTS: The following projects were presented in the project Expo

Sl. No	Name of the students	Year	Project title
1	K. Ramya J. Anitha M. Dhivyakalki	IV ECE	Fruit quality detection system using image processing
2	A.Sarika M.Keerthika B.Kiruthika T.Sheela	IV ECE	Automatic Irrigation system
3	G. Latchayasri A.Kawya K.Divakar	IV ECE	Fire Alarm with automatic SMS generation

4	R.Anuraj A.Aasha M.Aarthi G.Vinothini	IV ECE	Rain fall detector
5	Ananth Ela G.Prabhu S.Thirumurugan	IV ECE	Automatic Earth Quake Alarm System
6	S.Aparnaa P.Shobiga M.Vinotha S.Priyadharshini	IV ECE	Disinfection Robot using Arduino UNO
7	P.V.Vaishnavi V. Vishwabharathi R. Suriya C. Srimathi	IV ECE	Automated Smoke zone Monitoring and Alerting System
8	D. Mounish Rajiah B.Ganesh R.K.Aniz B. Thamilselvan	IV ECE	Clap Switching

Google Meet Link: <https://meet.google.com/gdp-qkez-eez>

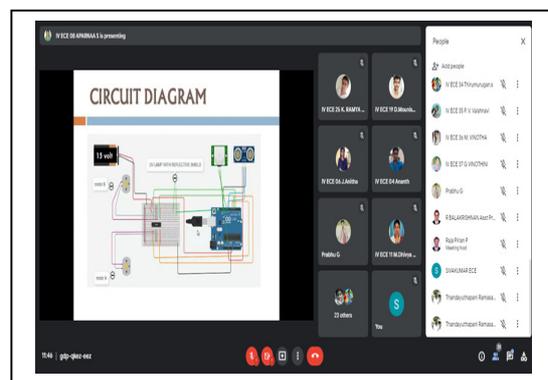
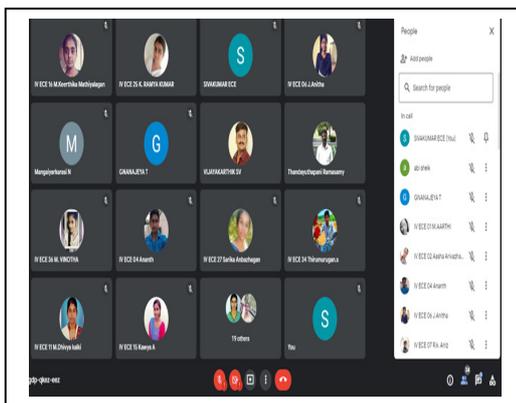
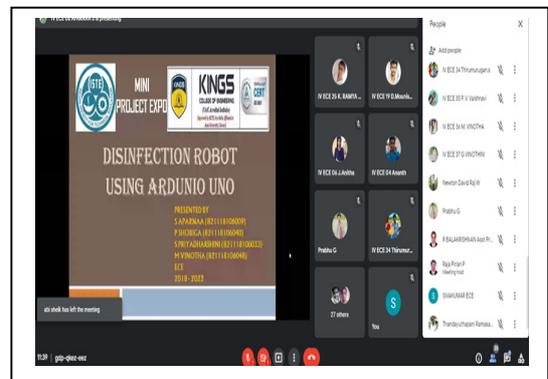
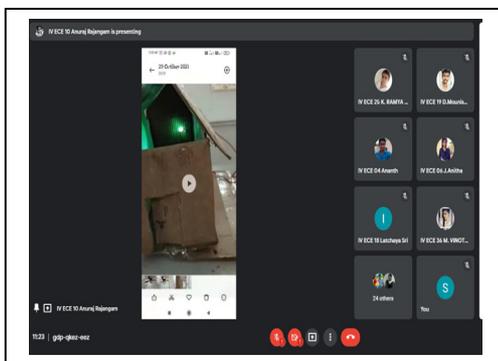
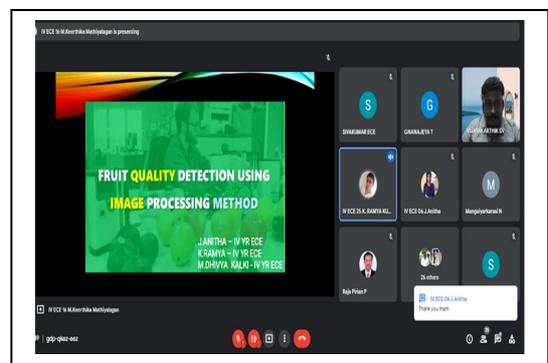
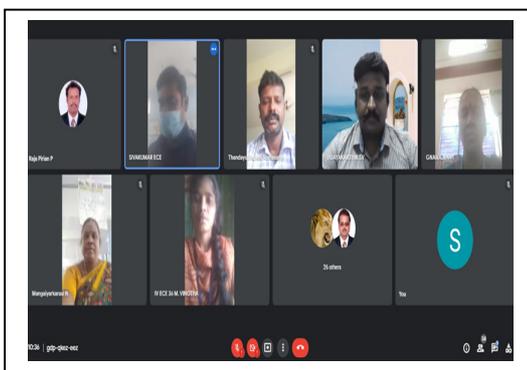
Prize winners

Sl. No	Name of the students	Year	Position
1	S.Aparnaa, P.Shobiga, M.Vinotha S.Priyadharshini	IV ECE	FIRST PRIZE
2	K. Ramya, J. Anitha M. Dhivyakalki	IV ECE	SECOND PRIZE
3	G. Latchayasri A.Kawya K.Divakar	IV ECE	SECOND PRIZE
4	Ananth Ela G.Prabhu S.Thirumurugan	IV ECE	THIRD PRIZE

OUTCOMES:

- 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.

SNAPSHOTS





Mr. S.Sivakumar
Dept. ISTE Co-ordinator

Mrs. N. Mangaiyarkarasi
HOD/ECE

Mrs. T. Gnanajeya
Inst. ISTE Co-ordinator

Dr. J. Arputha Vijaya Selvi
Principal