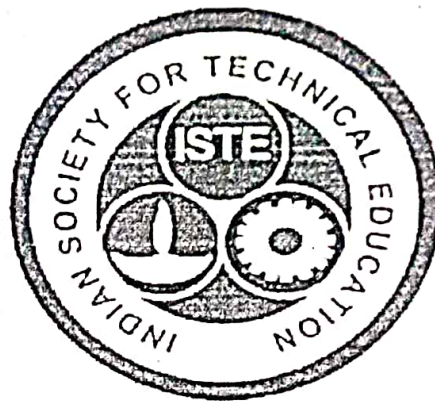


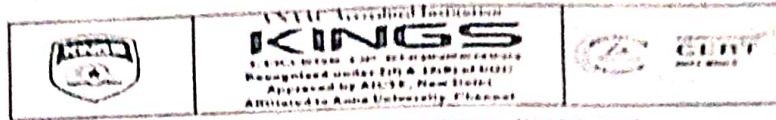
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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. Dhiviyakalki	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>

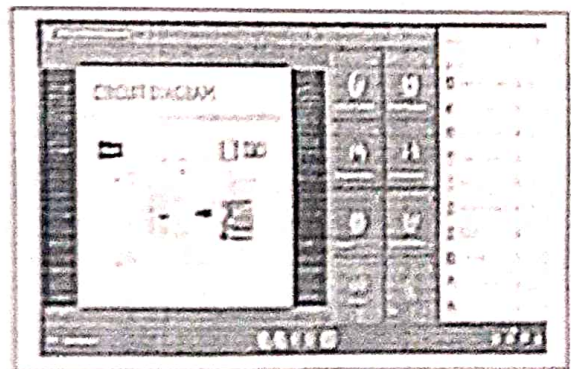
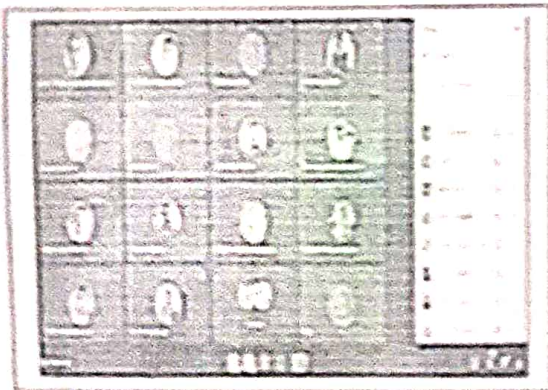
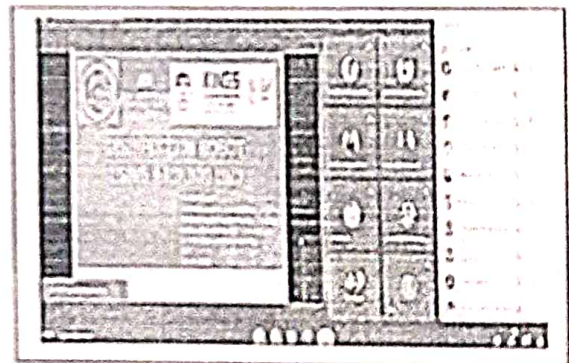
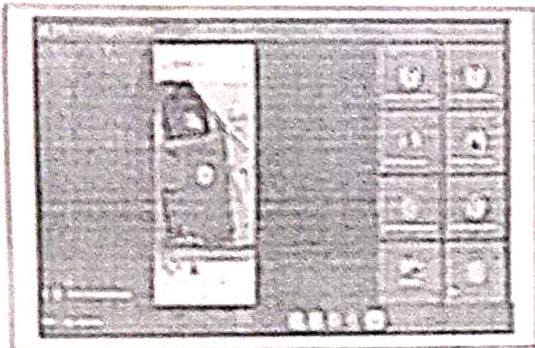
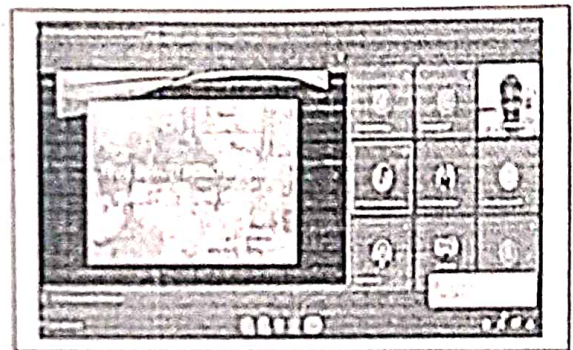
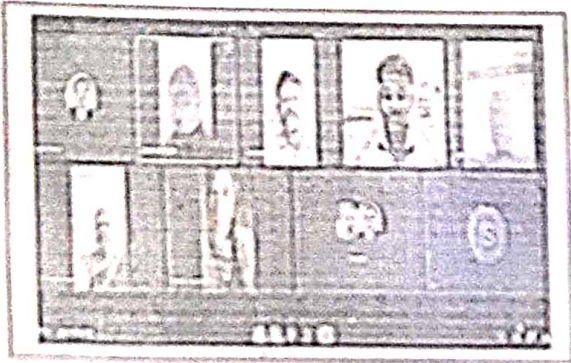
Prize winners

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



Certificate of Participation

This is to certify that Mr./Ms. B. GANISH IVICI
 has presented the project titled CLAP SWITCHING
 _____ in the Mini Project Expo 13/11/21 jointly organized by
 Department of Electronics & Communication Engineering and ISTE Student Chapter
 [TN 217], Kings College of Engineering, Punalakulam, Pudukkottai on 30.10.2021.

Mrs. T. Gnanajeya Mrs. N. Mangaiyarkarasi Dr. J. Arputha Vijaya Selvi
 ISTE Coordinator HOD/ECE Principal

Mini Project Expo

EC21021

Jointly organized by
 Department of Electronics & Communication Engineering
 &
 ISTE Student Chapter [TN 217]
 30th October 2021 10:00 AM

Guidelines:

- Min 2 participants and Max 4 participants / team
- Duration for demonstration is 15 minutes
- Certificate to all participants
- Certificate of Appreciation for Best Project



Event platform: <https://www.google.com/events>
 Mr. S. Sivakumar, AT/ECE Mrs. T. Gnanajeya, ISTE Coordinator
 Coordinator
 Mrs. N. Mangaiyarkarasi, Dr. J. Arputha Vijaya Selvi
 HOD/ECE Principal

S. Sivakumar
 13/11/2021
Mr. S. Sivakumar
 Dept. ISTE Co-ordinator

N. Mangaiyarkarasi
 13/11/21
Mrs. N. Mangaiyarkarasi
 HOD/ECE

T. Gnanajeya
 13/11/21
Mrs. T. Gnanajeya
 Inst. ISTE Co-ordinator

J. Arputha Vijaya Selvi
 13/11/2021
Dr. J. Arputha Vijaya Selvi
 Principal