

REPORT - MINI PROJECT EXPO – 2023

Organized by
Department of Electronics and Communication Engineering
KINGS COLLEGE OF ENGINEERING
A NAAC Accredited Institution
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
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In KCE, Department of Electronics and Communication Engineering had organized a **Mini Project Expo-2023** on 10-10-2023 at **Digital Electronics Lab**.

The chief guest for the expo was Mr. Swami Prabakaran K, Full Stack Developer from Ejyle Technologies Pvt Ltd., who is alumni of our college.

Our honorable principal, Dr. J. Arputha Vijaya Selvi, graced the occasion with her presence. Totally **87 students**, i.e **24 Teams** have enthusiastically participated in this event.

OBJECTIVE:

- ✓ The major objective of organizing this exhibition was to provide the platform and to bring out the potential of the students by showcasing their innovative projects developed.
- ✓ It provides an opportunity for the students to demonstrate their personal abilities and skills required to produce and to present an extended piece of work.
- ✓ Also to engage in personal inquiry, action and reflection on specific topics and issues and reflect on learning and share knowledge, views and opinions.

About the Expo:

Students exhibited the projects based on different technologies like

- ✓ Internet of Things
- ✓ Embedded System
- ✓ Machine Learning
- ✓ Artificial Intelligence
- ✓ Smart Agriculture

The students participated actively and exhibited their projects. The presentation was very interesting and the students sincerely contributed themselves in doing their mini projects. All the projects were useful for the Society.



Principal visited the Expo

Group photo with Jury



A live demo of project was presented by students

Each staff visited the students and looked over their projects and asked variety of questions. They also interacted with the students and responded to their inquiries about the various discipline and also gave career development guidance.

Points were awarded for the projects by considering varieties of factor like novelty of the project, technology used, way of presentation and capability of answering to queries.

Students from various disciplines have visited the expo and learned about the innovative ideas presented by the students of ECE. After reviewing each project, the three outstanding projects were selected and awarded with certificate.

PRIZE WINNERS:

S.No	Project Title	Team Members	Prize
1.	Wild Animal Monitoring	N.Shantosh	1 st Prize
2.	IOT based IVF Bag Monitoring	K.Pandimeena, T.Rajeshwari, V.Swathi, D.Yamuna	1 st Prize
3.	Smart Irrigation System using Arduino	D.Maheswaran,M.Mukilvanan, Mosikeeran, Pragadheswaran	1 st Prize
4.	Bi-Directional visitor counter with light control	Suriyanarayan , Suthersan, pasupathi.G, Pasupathi K	2 nd Prize
5.	Invisible switch using arduino and Laser	CM. Punniyamoorthy, Seran, S.Somasundaram, Sudharsan	2 nd Prize



Mrs.N.Mangaiyarkarasi, HOD/ECE distributed the prize for the winners and also issued the participation certificates to all the participants. Mr.R.Thandayuthapani, AP/ECE coordinated the entire EXPO.

The Mini Project Expo sparkled with success. The conceptions from the visitors regarding the Expo were outstanding. The students were very much thankful for the management for giving a chance to exhibit their talents which are useful for the upcoming students.

OUTCOME:

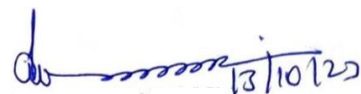
Department of ECE is conducting Mini Project Expo since 2013, keeping in mind the pursuance of student's natural curiosity and imagination to showcase their creativity.

This expo provides a unique platform to the participating students for their innovations and new experiences with the community.

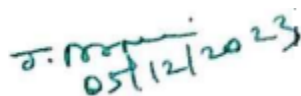
Finally, the **Mini Project Expo-2023** highly motivated the other students, apart from the participants to come up with their innovative ideas in the future.



Mini Project In-Charge



HoD/ECE



PRINCIPAL