Mar Baselios Christian collage of engineering and technology
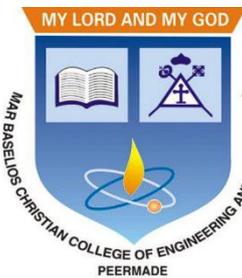
Department of Electrical & Electronics engineering

Project expo E-Polarity Report

Date: 08/05/2023

INTRODUCTION

The EEE Association "EGNIZITA" organized an International Idea Presentation and Project Presentation Competition called "E-Polarity" on 08/05/2023, inviting students from various collages to participate. The main aim of this competition was to encourage students to come up with innovative ideas and projects. The event was a huge success, with numerous participants showcasing their creativity and knowledge in the field.

Inauguration

The international project competition and iIdea presentation ceremony is an event "E - Polarity" that allows participants to showcase their poster project ideas and receive feedback from their peers and judges. The ceremony typically begins with an introduction by the Principal of MBCCET, Peermade who explains the purpose and format of the event.

- Idea presentation competition;

The Idea Presentation Competition was held in the morning session, with 17 teams participating. The participants were given a time limit of 10 minute to present their ideas, followed by a Q&A session from the judges. The ideas presented by the participants were diverse and covered a wide range of topics, such as renewable energy, smart grids, and IoT-based systems. The judges evaluated the ideas based on their novelty, feasibility, and potential impact. The winners of the Idea

Presentation Competition were announced in the afternoon session.

- Project presentation competition;

The Project Presentation Competition was held in the afternoon session, with 34 teams participating. The participants were given a time limit of 10 minute to present their projects, followed by a Q&A

session from the judges. The projects presented by the participants were highly innovative and demonstrated their technical skills and knowledge. The projects covered various areas such as automation, power electronics, and embedded systems. The judges evaluated the projects based on their technical expertise, innovation, and potential impact. The winners of the Project Presentation Competition were announced at the end of the event.

Price distribution:

1. Idea presentation;

The top 3 winners will receive cash prizes and all participants will be get E-certificates.

1st Place: Arun Gopinath, Sebin Saji Jacob, Rintu Kurian, S. Hrudya

Saintgits College of Engineering, Kottayam

TOPIC: "SafetyNET (IoT based wireless safety system for monitoring the physiological and

environmental variables in hazardous applications)"

CASH PRIZE: 5K

2nd Place: Abhay chandran , Abin k babu ,Deon p charly , Jith jhon daniel Amal Jyothi College of Engineering

TOPIC:"Low Cost Portable Ultrasound Imaging System"

CASH PRIZE: 3K

3rd Place: Juby p shibu ,Alex j,Karthik s Nair Saintgits College of Engineering, Kottayam

TOPIC:"Vehicle Collision Avoidance System with Vital Health Monitoring "

CASH PRIZE: 1.5K

2. Project presentation;

The top 3 winners will receive cash prizes and all participants will be get E-certificates.

1st Place: Agith Gopi K, Chandralekha CUSAT, Kochi

TOPIC: "Unmanned arecanut tree climbing and harvestingmachine"

CASH PRIZE:15K

2nd Place: Akshay V, Jithu John K, Sanju Paulson, Brindha Shaju

Vidya Academy of Science and Technology, Thalakottukkara

TOPIC:"ELECTRIC GO KART"

CASH PRIZE: 8K

3rd Place: Uday Shankar, Rohit Jose, Parthiv Krishnan ,Alexander Biju

Model Engineering College, Thrikkakara

TOPIC :"ROV(Remotely Operated Vehicle)"

CASH PRIZE:5K