"E-Forza Club Activity - GuestureX Robotics Design Challenge"

The Department of Electronics and Communication Engineering, under the banner of **E Forza Club**, organised an engaging technical activity titled **"GuestureX Robotics Design Challenge"** on **14. 03. 2026** at 12:30 pm- 2:30 pm. The event was conducted in two rounds and witnessed enthusiastic participation from **around 55 students**.

The E-Forza Club successfully conducted the **Round 1** of its technical design competition, witnessing enthusiastic participation from around **55 teams**, each presenting creative and technically impressive system design concepts under the guidance of Prof.David William Rah, Assistant Professor, ECE Department. In **Round 2**, these selected teams showcased either detailed working simulations using platforms such as Wokwi, Proteus, and similar tools, or presented their physical prototypes for live demonstration, reflecting their commitment, technical skill, and practical understanding of embedded system design

The final event commenced at 12:30 PM, graced by **Dr. Sriram Ganapathy** as the Chief Guest and Judge, whose presence added great value to the competition. His keen observations, constructive insights, and appreciation for the students' work motivated participants to push their boundaries further. The event not only highlighted the talent and creativity within the ECE student community but also fostered a spirit of innovation, teamwork, and applied engineering, making it a memorable and impactful club activity. The winners were rewarded with attractive cash prizes: **Rs. 1000 for the first-place team** and **Rs. 500 for the runners-up**.

Objectives of the Event

The primary objective of the event was to provide students with an engaging platform to showcase their creativity, technical skills, and problem-solving abilities. The event aimed to encourage hands-on learning, foster teamwork, and promote interest in practical engineering applications beyond the classroom. Additionally, it sought to recognise and reward outstanding performers through cash prizes and certificates, while also appreciating the efforts of all participants by distributing participation certificates.

Figure 1: Team E Forza: Prof. David with the dedicated Student Coordinators who played a key role in organising the competition

Event Overview

The Robo Club event, coordinated by Prof. David, Assistant Professor, served as an engaging platform for students to present the innovative robotics projects they have been developing under his mentorship. The program highlighted the growing enthusiasm among students for robotics and hands on engineering applications. The event featured the announcement of winners who demonstrated exceptional creativity and technical skill, with cash prizes and certificates awarded to them in recognition of their outstanding work. Participation certificates were also distributed to all students to acknowledge their effort and involvement in the club's activities. The ceremony was graced by Dr. Sriram Ganapathy, along with Dr. Shima, HOD of ECE, and Prof. David, all of whom jointly announced the winners. The certificates and prizes were formally presented by Dr. Sriram Ganapathy, adding distinction to the event and motivating students to continue pursuing innovative robotics projects. The program successfully encouraged practical learning, teamwork, and a spirit of technical exploration among ECE students.

Figure 2: First Prize winners being felicitated for their outstanding innovation and exceptional system design at the E-Forza technical competition.

Figure 3: Second Prize winners receiving recognition for their creative and technically impressive project at the E-Forza event.

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Outcomes and Impact

The E-Forza Club activity had a highly positive impact on students by strengthening their interest in robotics, innovation, and practical engineering design. Under the mentorship of Prof. David, students were able to transform their ideas into functional prototypes and simulations, gaining valuable hands-on experience and problem-
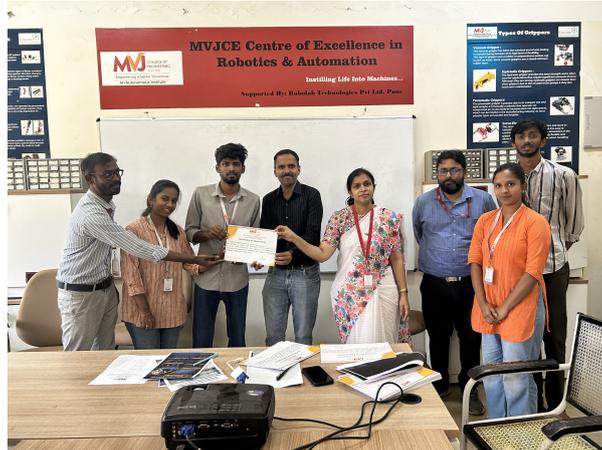
Figure 4: Third Prize winners being honored for their commendable innovation and impressive project contribution at the E-Forza technical competition.

solving skills. The event boosted their confidence as they presented their work in front of distinguished guests Dr. Sriram Ganapathy . The announcement of winners, along with the distribution of cash prizes and certificates, further motivated students to pursue advanced robotics projects and continue exploring technical creativity. The participation certificates offered recognition to every student, encouraging them to stay active in club activities and collaborative technical learning. Overall, the event nurtured innovation, teamwork, and applied learning, significantly enriching the students' academic and technical journey.

Figure 5: A proud moment with all 11 winning teams, joined by Prof. David, Dr. Sriram, and Dr. Shima, celebrating the success of the E-Forza technical design competition.

Conclusions

In conclusion, the E-Forza Club's technical design competition was a highly successful and enriching event that showcased the exceptional talent, innovation, and technical depth of the participating student teams. With over 55 teams presenting impressive system design concepts, the competition reflected the creativity and strong engineering mindset within the ECE department. The final round, evaluated by Chief Guest and Judge Dr. Sriram Ganapathy, further highlighted the students' ability to translate ideas into functional simulations and prototypes. His valuable feedback and appreciation served as a strong motivation for all participants. The event not only celebrated technical excellence but also fostered teamwork, problem-solving, and hands-on learning, making it a memorable experience for everyone involved and reinforcing the club's vision of promoting a culture of innovation and applied engineering.

Winners Details

First Prize:
Team name - Techbrazzers
Project Name : Silent Cry Detector

Team Members:

Chiranthan M 1MJ24IO004

Kammala Monika 1MJ24IO014

Pranav H 1MJ24IO019

Kavya M 1MJ24VL026

Second Prize:
Team Members:

Tarun 1MJ23EC163

Samarth S R 1MJ23EC132

Siddu M K 1MJ23EC152

Tilak S P 1MJ23EC167

Abhishek Puranik 1MJ23EC003

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