

Report on ROBO SOCCER Competition

ROBO SOCCER Competition organized by E-FORZA – ECE department club

Sponsored by IEEE Student Chapter, MVJCE

ROBO SOCCER Event was conducted by E-FORZA Club, ECE Department, in collaboration with IEEE Student Chapter, MVJCE, on 22nd and 23rd March, 2019. In this competition, students had to battle it out and prove their endurance in a nail-biting game of football, using the bots they had created from scratch. Each game lasted for five minutes, and players had the option of taking a technical time-out of one minute, should their bots require it. The games kept the audience on edge all the time!



Robo Soccer Competition, Department Club Activity organized by E-FORZA Club, ECE on 22nd and 23rd March, 2019 at MVJCE. Students watching the fight between two robots for a ball.

90 participants in 24 teams competed in the event with their bots, both wired and wireless. All the participating bots offered stiff competition, refusing to go down without a fight. For the students, this was an opportunity to apply their technical knowledge in practical situations, and thereby, even learn soft skills like teamwork, perseverance and sportsmanship.

The event consisted of four rounds, with each subsequent round getting progressively more difficult than the previous one, and finally, only the best bots remained in the

reckoning. All the bots had **design constraints of dimensions (40X30 cm) and weight (4 kg)**. The event witnessed participation from students of **ECE, ME, ML, AE** departments.



Robo Soccer Competition, Department Club Activity organized by E-FORZA Club, ECE on 22nd and 23rd March, 2019 at MVJCE. Rahul Nair (1MJ17ME104) controlling his robot during RoboSoccer event Semi Finals match.

Giving testimony to Darwin's 'Survival of the Fittest', three teams emerged winners, and bagged three attractive prizes.

Winners Details:

Sl. No.	Student Name	USN	Position
1	MARUTHI PRASAD	1MJ16ML008	1 st Place
2	YASHWANTH CHOWDARY	1MJ16EC033	
3	ABDULLAH A	1MJ16ML001	
4	AVINASH M	1MJ16ML003	2 nd Place
5	SANJAY KUMAR K	1MJ17EC123	
6	SELVASHANKAR K	1MJ17EC125	
7	SRINIVASAN N	1MJ17EC134	3 rd Place
8	NEHAL SHETTY	1MJ17ME091	
9	RAHUL NAIR	1MJ17ME104	



Robo Soccer Competition, Department Club Activity organized by E-FORZA Club, ECE on 22nd and 23rd March, 2019 at MVJCE. Dr. I Hameem Shanavas (HOD, ECE), Mr. Bhanuteja G (AP, ECE) and Ms. Kavitha D (AP, ECE) along with the finalists of Robosoccer Event

Event Coordinators:

1. Ms. Kavitha D, E-FORZA Club Coordinator, AP / ECE
2. Mr. Bhanuteja G, Robolab Coordinator, AP / ECE
3. Mr. Praphul M N, AP / ECE

Outcome:

1. The students put in a lot of thought and effort, to design a robot that is agile, dynamic with a good traction, and a balance between the torque and the speed. Many such variables are considered by students, while designing a robot for Robo-Soccer.
2. As a long-term benefit, the 90 students learnt to design robots which can be used for dynamic and agile applications.