

Report on ROBO KABBADI Competition

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

ROBO KABBADI Event was conducted by E-FORZA Club, ECE Department, in collaboration with Robotics and Industrial Automation Lab, MVJCE on 24th Feb 2020. In this, students had to battle it out and prove their endurance in a nail-biting game of kabbadi, using the bots they created from scratch. Each game lasted for three minutes, and players had the option of taking a technical time-out of one Min, should their bots require it. The games always kept the audience on edge.



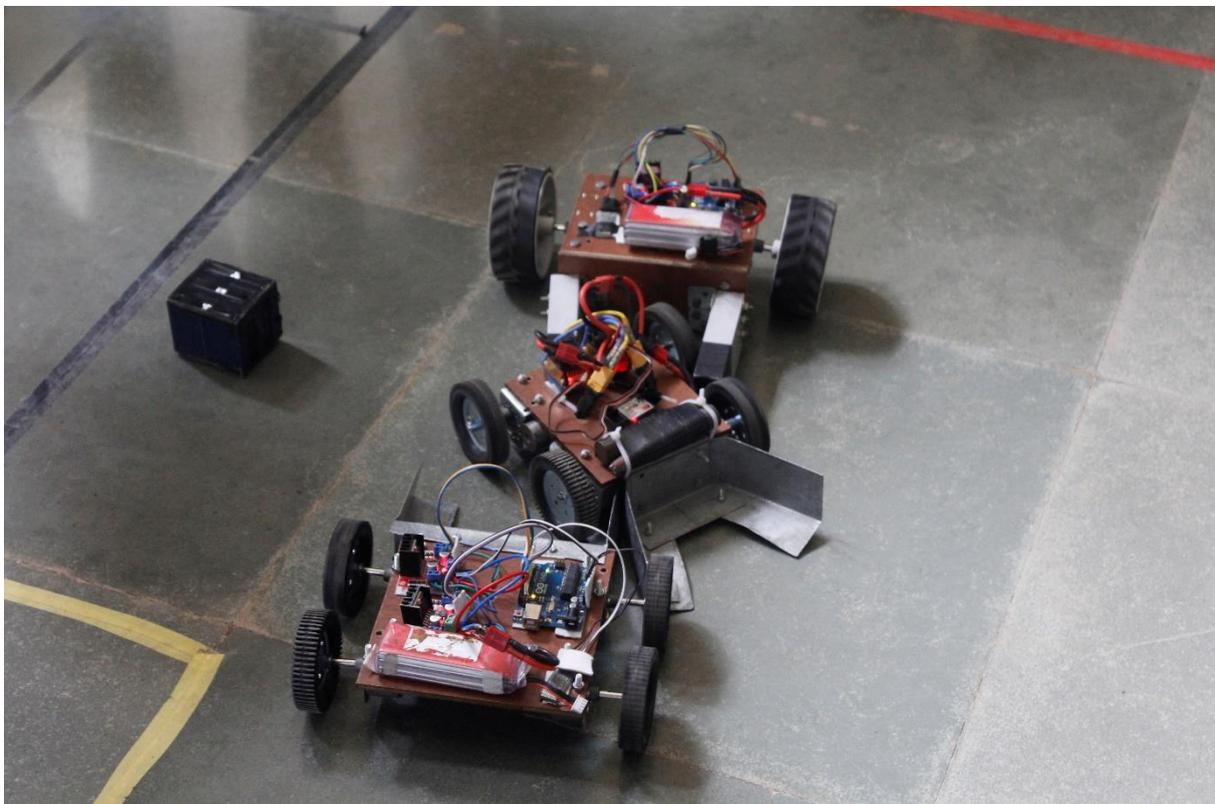
Robo Kabbadi Competition organized by E-forza club, ECE Dept. on 24-02-2020
Dr. P Mahabaleswarappa(Principal, MVJCE) and Prof. M Brindha(Vice Principal, MVJCE) watching
Robo kabbadi match

A total of 34 teams and 136 participants competed in the event with their wireless bots. All of the participating bots provided tough 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.



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Students controlling their robots in robo kabbadi

The event consisted of four rounds, with each subsequent round getting progressively more difficult than the previous, as only the best bots remained. All the bots participated had the **design constraints of dimensions 30X30 (cm) and weight 4kg.** The event witnessed the participation from **ECE, CSE, ME, ML, AE department students.**



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Rider bot(Middle) fighting two defenders robots for gaining point.

The Giving testimony to Darwin's Survival of the Fittest, three teams were selected as winners.



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Faculty and student coordinators along with the winning teams

Event Coordinators:

1. Mr. Bhanuteja G,
E-FORZA Club Coordinator and Robolab Coordinator, AP, ECE.
2. Ms. Divya Sugathan,
E-FORZA Club Coordinator, AP, ECE.

Outcomes:

1. The students put in a lot of thought to design a robot that is agile, dynamic with a good traction and a balance between the torque and speed. Many such variables are considered by students while designing a robot for Robo-Kabbadi.
2. Totally 34 teams learnt to design robot which can be used for dynamic and agile applications.