



HOPE Foundation's

Finolex Academy of Management & Technology, Ratnagiri

Brainwaves - Academic Year 2024-25

Brainwaves 2025 - Robo Race Championship 2025

The Robo Race Championship was successfully conducted as part of the Brainwaves 2025 Technical Festival at FAMT Campus on the 20th and 21st of February 2025. The event featured an exciting competition between line-following and obstacle-avoidance robots, attracting participants from all departments of FAMT and Gogate Jogalekar College, Ratnagiri.

A total of 19 teams i.e. 95 students participated, demonstrating their technical expertise and problem-solving skills. The championship was judged by Prof. Vrishali Nimbalkar and Prof. Amol Sutar, ensuring a fair evaluation of all competing teams. The event was coordinated by Madhav Sawant, with Sujay Khedekar and Isha Katake serving as Tech Secretaries. The faculty coordinators for Brainwaves were Prof. Nikhil Kasar and Prof. Sprooha Athalye, who provided valuable guidance and support throughout the event.

The competition was structured in multiple rounds to test the efficiency and adaptability of the robots. The first round focused on line-following, evaluating the robots' ability to navigate a predefined track. The second round and semi-finals incorporated both line-following and obstacle avoidance, adding a layer of complexity to the challenge. These rounds were conducted on 20th February 2025. The grand final took place on 21st February 2025 in EN 0/5, where the top teams competed for the championship title.

After intense competition, the team from Gogate Jogalekar College, Ratnagiri, emerged as the winner, securing the 1st prize. The SE Electrical team secured the 2nd prize, while the SE CSE team claimed the 3rd prize. The event showcased remarkable innovation, teamwork, and technical acumen among the participants. The Robo Race Championship was a grand success, encouraging students to apply their theoretical knowledge in a practical and competitive environment. It fostered a spirit of innovation and collaboration, aligning with the objectives of Brainwaves 2025.

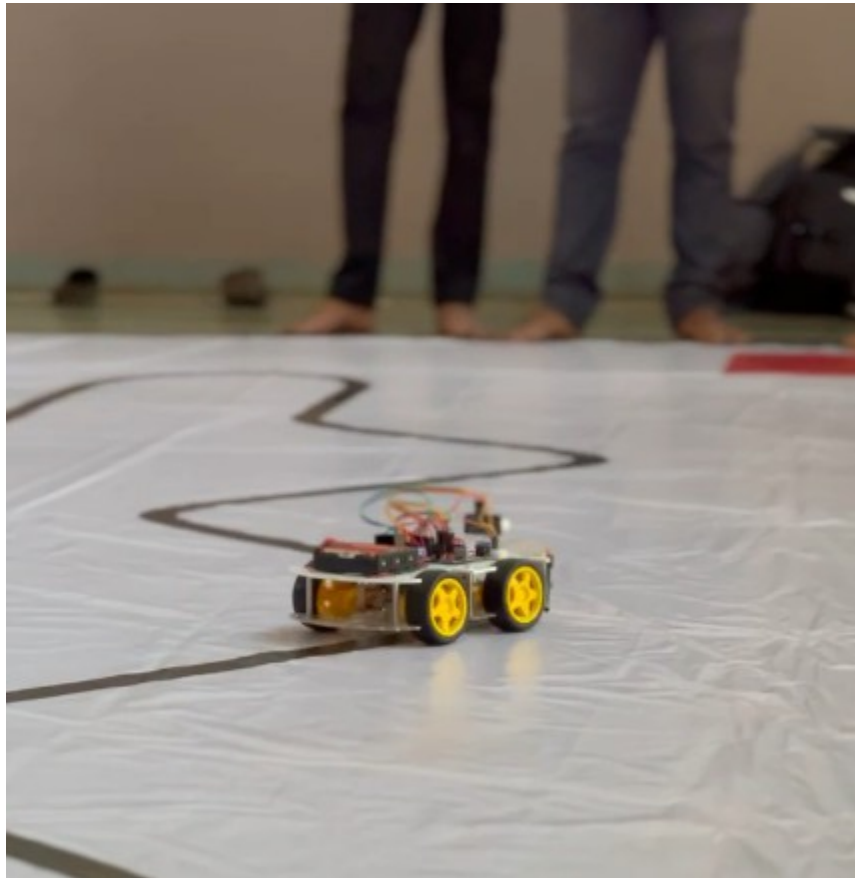


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Glimpses:



Autonomous Robot completing track.



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Winner First Prize Team with Judges, Tech Secretaries and Event Coordinators



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Robo Race Track Photo at Mech Foyer



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