



LINE FOLLOWER BOT

Title	: Line Follower Bot
Nature of the Event	: Line Follower Bot -Tech event
Date	: 28 March 2026
Time	: 9 AM to 4 PM
Judge Details	: Anjan Kumar (CEO, Skycraft Lab, Bangalore)

Brief Report:

The Line Follower Competition was successfully conducted with 58 teams participating. The event aimed to test the ability of autonomous robots to follow a predefined path with accuracy and speed.

The track designed for the competition was non-symmetric, introducing varying levels of difficulty and ensuring a fair evaluation of the robots' adaptability and control systems.

The competition was conducted in two rounds:

- Round 1: 9:00 AM – 1:00 PM
- Round 2: 2:00 PM – 4:00 PM

During the first round, each team was given a single attempt to complete the track within a fixed time limit. Performance was evaluated based on completion time and distance covered in case of incomplete runs.

Based on the results of Round 1, the top 15 teams were shortlisted and advanced to Round 2. The second round further tested the consistency and performance of the qualified teams under the same evaluation criteria.

The event was efficiently managed with proper scheduling, parallel execution, and clear rule enforcement, allowing all teams to complete their runs within the given timeframe.

Participants demonstrated strong technical skills, innovative designs, and competitive spirit throughout the event.

Overall, the competition was successfully conducted and achieved its objective of identifying the most efficient and reliable line-following robots.

Prize Pool: 30,000 Rs

Winners:

1st prize - Ayush (T- Rex), Techno main Salt Lake, Kolkata

2nd prize- Harshith (Team Hawkeye), New Horizon college of Engineering, Bangalore

3rd prize -Varun (Satecbot) , Sathyabama institute of science and technology, Chennai

Event Poster:



Photographs from the event:



Summary:

The Line Follower Competition was conducted with 58 participating teams on a non-symmetric track to test robot efficiency and adaptability. The event was held in two rounds, with Round 1 from 9:00 AM to 1:00 PM and Round 2 from 2:00 PM to 4:00 PM.

Each team was given a single attempt, and performance was evaluated based on completion time and distance covered. The top 15 teams from Round 1 qualified for the second round. The event was successfully organized with effective time management and active participation, showcasing strong technical skills and innovation among the participants.

Total no. of participants: 58

Faculty Coordinator(s):

- **Dr Aravinda Koithyar** (Head of dept. ECE)
- **Dr Jayanthi Muthuswamy** (Associate Professor ECE)