

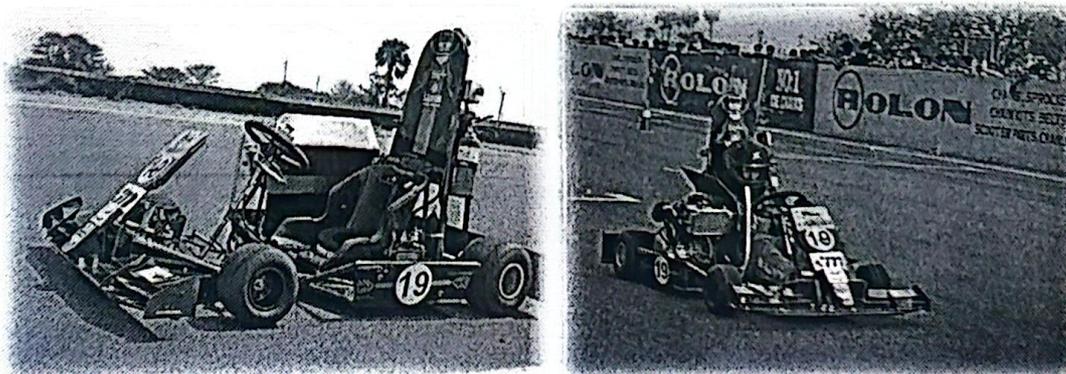


Report on

13th GKDC Event- Team Shikra

Team Shikra from Sri Sairam College of Engineering participated in the **13th GKDC (Go-Kart Design Challenge)**, a prestigious national-level engineering competition that evaluates students in design, fabrication, cost analysis, business presentation, and dynamic vehicle performance. The event provided a strong platform for students to apply their theoretical knowledge in a real-world competitive environment.

The team comprised 24 students from the Department of Mechanical Engineering and 1 student from the Department of Information Science and Engineering, highlighting an interdisciplinary collaboration. Out of them, 22 students actively participated in the competition, accompanied by two faculty members. The team was headed by Captain Jeevna S R, with Madan Kumar M serving as the Team Manager. The dynamic events were driven by Vivek R, Madan Kumar M, and Adhithya G, who displayed strong control, coordination, and consistent performance on the track. The team received guidance from Mr. G Chiru Pavan, Research Associate, and Mr. Rajesh V, Assistant Professor, Department of Mechanical Engineering. The overall mentoring and coordination support were provided by Mr. Harish Babu L, Coordinator.



Team Shikra successfully cleared the Technical Inspection (TI Approved) and Brake Test (BT - OK), which are critical qualifying stages of the competition. This reflects the team's strong focus on safety standards, structural strength, braking performance, and compliance with GKDC regulations. The clearance of these stages shows careful design, systematic fabrication, and proper pre-event testing.



In the static evaluation rounds, the team secured 43.89 marks in Disassembly, demonstrating good understanding of assembly structure and maintainability. In the Design Evaluation round, the team scored 69.57, reflecting solid knowledge in vehicle dynamics, structural calculations, and engineering principles. In Cost and Manufacturing, they scored 25, showing structured budgeting and documentation efforts. The team also scored 25 in the Sales Pitch Challenge, indicating their ability to present their product from a business and market perspective.

In the dynamic performance events, Team Shikra showed competitive strength. They secured 25.77 in Acceleration, 60.73 in Skidpad, and 68.23 in Autocross, indicating balanced vehicle handling and driver control. In the Endurance rounds, which test reliability and durability, the team achieved 142.31 in Round 1 and 145.06 in Round 3. Although there was a DNF in Endurance Round 2, the team demonstrated resilience and technical problem-solving ability by recovering strongly in the final round.

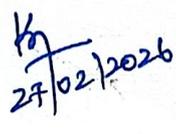
Overall, Team Shikra achieved a **Grand Total of 605.56 points** and secured **7th position at the national level**, which is a commendable achievement among participating institutions across the country. This accomplishment highlights the dedication of the students, the guidance of faculty members, and the institution's support toward practical engineering learning.

The participation provided students with hands-on experience in CAD modeling, chassis fabrication, powertrain integration, vehicle testing, teamwork, leadership, budgeting, and documentation. It strengthened their confidence, technical competence, and ability to work effectively under competitive conditions.

We sincerely thank the Management, Principal, Heads of the Departments, and all Staff Members who extended their continuous support, encouragement, and guidance to Team Shikra throughout the preparation and participation in the 13th GKDC event. Their support played a vital role in achieving this national-level recognition and success.


27/02/2026


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Harish Babu L
Coordinator - SLMIC



CERTIFICATE OF ACHIEVEMENT

THIS CERTIFICATE IS PROUDLY PRESENTED TO

TEAM SHIKRA
SRI SAIRAM COLLEGE OF ENGINEERING

For their outstanding participation and commendable performance in the 13th Go-Kart Design Challenge, organized by ISNEE Motorsports at Kari Motor Speedway, Coimbatore, from 20th - 24th February 2026.

The team demonstrated exceptional dedication, innovation, and passion throughout the competition. Their vibrant and distinguished participation significantly contributed to the success of the event.

We at ISNEE Motorsports appreciate the team's hard work and commitment and look forward to their continued participation in future design competitions.

We wish them all success in their future endeavors.

Prepared By

Approved By

