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PRESS RELEASE

IIT (ISM) students' team emerge winner in India's Biggest Robotics Competition, ROBOFEST GUJARAT 3.0 at Ahmedabad; develops self-balancing robot to clinch the cash prize of Rs 10 lakhs.

New Year brought some good news for IIT (ISM) in form new achievements as a team of three B Tech students of the institute emerged winner in Level 3 of National Level Robotics Competition, **ROBOFEST GUJARAT** held at Science City, Ahmedabad Gujarat from December 29 to December 31, 2023.

The team comprising of Shailesh, a 3rd Year Electrical Engineering student and two final year students, including, Tanishq Chaudhary of Electronics Engineering and Aniket Kumar Roy of Mining Engineering won a cash prize of Rs 10 Lakh for their achievement by emerging topper in their category of Two Wheeled Self Balancing Robot of the competition.

Sharing details, Arun Dayal Udai, Assistant Professor, Mechanical Engineering, who is the faculty mentor of IIT (ISM) team for the competition said, "Our team developed a self-balancing robot that can carry water in open container which can traverse through the given path".

Divulging more details, Ashish Siddharth, a PhD (Mechanical Engineering) student, who is mentor of team said, "Our team earlier won a cash prize of Rs 50 thousand in the level 1 of competition held in January last year during which the participating teams were required to submit their concept note in the form of mechanics, the methodology of making robot and components & design of Robot"

Altogether 150 teams qualified for the Level 2 of the competition in seven categories.

"In the Level 2 of the competition held in June during which the 29 qualifiers of level 1 of Self Balancing Robot Category were required to submit a functional small robot as per their concept we also sailed through and won the cash prize of Rs 2 lakh by emerging topper in our respective category" said Siddharth.

Altogether 67 teams of in all seven categories qualified for the Level 3 of the competition.

"In the Level 3 of competition held from December 29 to 31 at Ahmedabad, 2023, altogether 11 teams of Self Balancing Robot category which qualified after level 2 were required to their real prototype working robot as proposed in earlier two stages" further said Siddharth.

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