

TEAM PANTHERA WON BEST TEAM AWARD AND 100 USD PRIZE IN SAE SUPER MILEAGE HELD AT MARSHALL, MICHIGAN, USA

Team Panthera, a team of 15 students from Mechanical and Automation Engineering department of Indira Gandhi Delhi Technical University for Women under the guidance of Mr. Vivek Chawla participated in SAE Super Mileage, an international competition hosted annually by the Society of Automotive Engineers (SAE), in association with Eaton Corporation. This year it was held during the dates of 9th- 10th June, 2016 in Eaton Proving Grounds, Marshall, Michigan, USA. The main objective of this competition is to design a fuel-efficient car prototype powered by an internal combustion engine. This competition pits students from different universities against each other in an effort to design the most fuel-efficient car possible. Abiding by the extensive rules and regulations laid out by the organizers, our team modelled, manufactured and tested a vehicle, Iris with optimum aerodynamics, minimum weight and reasonable budget that fit the realistic guidelines of the project. The vehicle, Iris was inaugurated by the Deputy CM of Delhi, Manish Sisodia at the Founders' Day Celebration held on 12th May, 2016. He appreciated the team's efforts and wished them luck for the upcoming event. Team Panthera consisted of 15 team members attended the event held in USA. A total of 30 teams from across the world had registered for the competition in December, 2015. The participating teams belonged to the following nationalities: USA (18), Canada (6), India (3), Lebanon (1), Bangladesh (1) and UAE (1). Team Panthera cleared all Qualifying rounds and was among the 24 qualifying teams which remained in the competition. Team Panthera was the only Indian team present on the day of the event; apart from being the only all women's team to have cleared the technical inspection; which included 3 stages: Safety Inspection, Static Inspection (visibility test, tilt test and load test) and Dynamic Inspection (manoeuvrability test, brake test and idling test). Team Panthera was awarded the "Best Overall Team Attitude Award" and a \$100 cheque cash reward for the same. Team Panthera stood 7th amongst all participating teams by scoring 353/450 on the Design Report and Verbal Report.



