



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
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The TorQ

The TorQ- Tractor Design Team

Official Team of SRMIST for SAE ISS Tractor Design Competition

*The Department of Automobile Engineering
SRM Institute of Science and Technology
Kattankulathur, Chennai 603203*



Table of Contents

Sl. No.	Content	Page Number
1	About Us	3
2	Team Objective	4
3	Future Plans	5
4	Team Hierarchy	6
5	Event	7
6	2017-18 Team	8
7	Team Data	9
8	Our Sponsors	10
9	Achievements	11
10	Team Photographs	12-14



About us

‘The TorQ- Tractor Design Team’ is a group of 25 undergraduate students from the SRM Institute of Science and Technology who have come together to participate in the SAE-ISS Tractor Design Competition. Aimed at kindling the passion for Tractor Technology in budding engineers like us, this noble initiative by SAE ISS is one of the only 2 student tractor design competitions in the world and the first of its kind in India. Drawing inspiration from the hard work of the farmers in our country, and with a vision to make their work easier, we have taken up this ambitious project to design and build a tractor.



Team Objective

To help Engineering students get hands on experience on Tractor Technology by designing, fabricating, testing and competing with other Student designed tractors from across the country. In doing so, understand and analyse the current scenario of the farm equipment industry and identify the challenges faced by it. Thus, to eventually come up with innovations and real world solutions to the everyday problems faced by the farming community of our country.

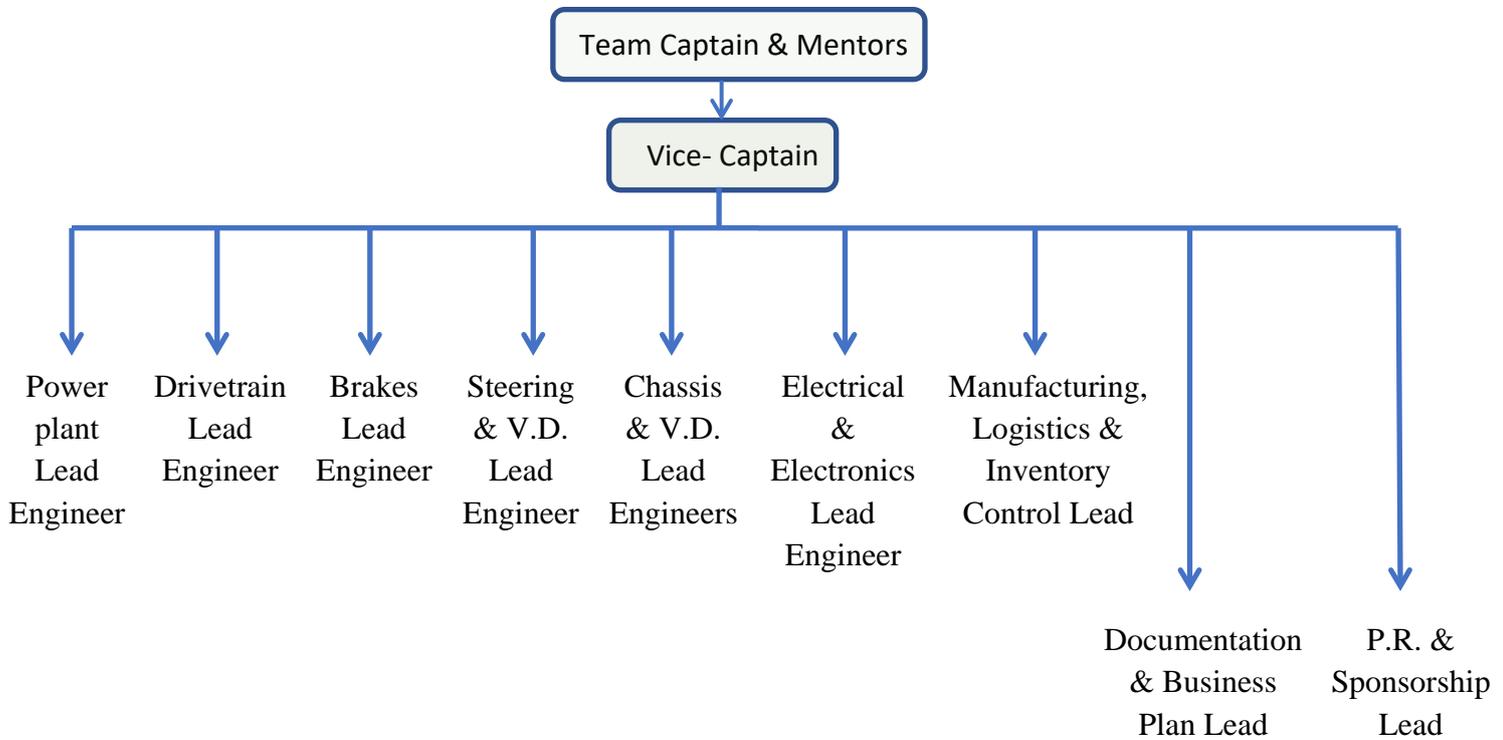


Future Plans

To continuously bring about innovation in farm equipment and thereby increase the versatility of Tractor as a machine. To continuously strive towards the common goal of achieving success through dedicated team work and dedication.



Team Hierarchy





Event

The TorQ- Tractor Design Team participates in the Tractor Design Competition conducted by the Society of Automotive Engineers (SAE), India Southern Section. The event has static events like Design Presentation, Technical Inspections and Brake test. The performance events include Manoeuvrability, Durability and Tractor pull.



2017-18 Team

Sl. No.	NAME	DEPARTMENT	YEAR
1	Saksham Shrivastava	Automobile	3
2	Debopriyo Baisya	Automobile	3
3	Dandi R Moneesh	Electrical & Electronics	3
4	Ritesh Rai	Automobile	3
5	Deepa S. John	Automobile	3
6	Sachin Santosh	Automobile	3
7	Vinay Vincent	Electrical & Electronics	3
8	Basim Shabir	Automobile	3
9	Darshan Kakadiya	Automobile	3
10	Utkarsh Jaiswal	Automobile	3
11	Sangbortika Das	Electrical & Electronics	3
12	Kevin Vincent	Automobile	3
13	Anirudh Singh Chundawat	Automobile	3
14	Milind singh	Automobile	3
15	Aayush Thakur	Automobile	2
16	Abhinav Verma	Mechanical	2
17	Vignesh Ghodgeri	Automobile	2
18	Jefferson Noble A	Automobile	2
19	Rishabh Parmar	Automobile	2
20	Mayank Gupta	Automobile	2
21	Loveleen Mishra	Mechanical	2



Team Data (Season 2017-18)

1	Team Name	The TorQ-Tractor Design Team
2	Team Set-up Date	05 September 2017
3	Faculty Advisor	Mr. S. Devanand
4	Team Principal	Dr. Leenus Jesu Martin
5	Team Set-up Date	05 September 2017
6	Fabrication Venue	Fab Lab
7	Vehicle Name	Origo
9	Domains	Power plant
		Drivetrain
		Brakes
		Steering
		Vehicle Dynamics and Chassis
		Electrical
		Manufacturing, Logistics & Inventory Control
		Corporate



Our Sponsors- 2017/18 Season



SIMTEK
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Achievements (2017-18 Season)

Sl. No	Event	Position
1	Design	2 nd
2	Overall	2 nd





Team Photographs (2017-18 Season)





