

# About Team Mechelites Motorsports



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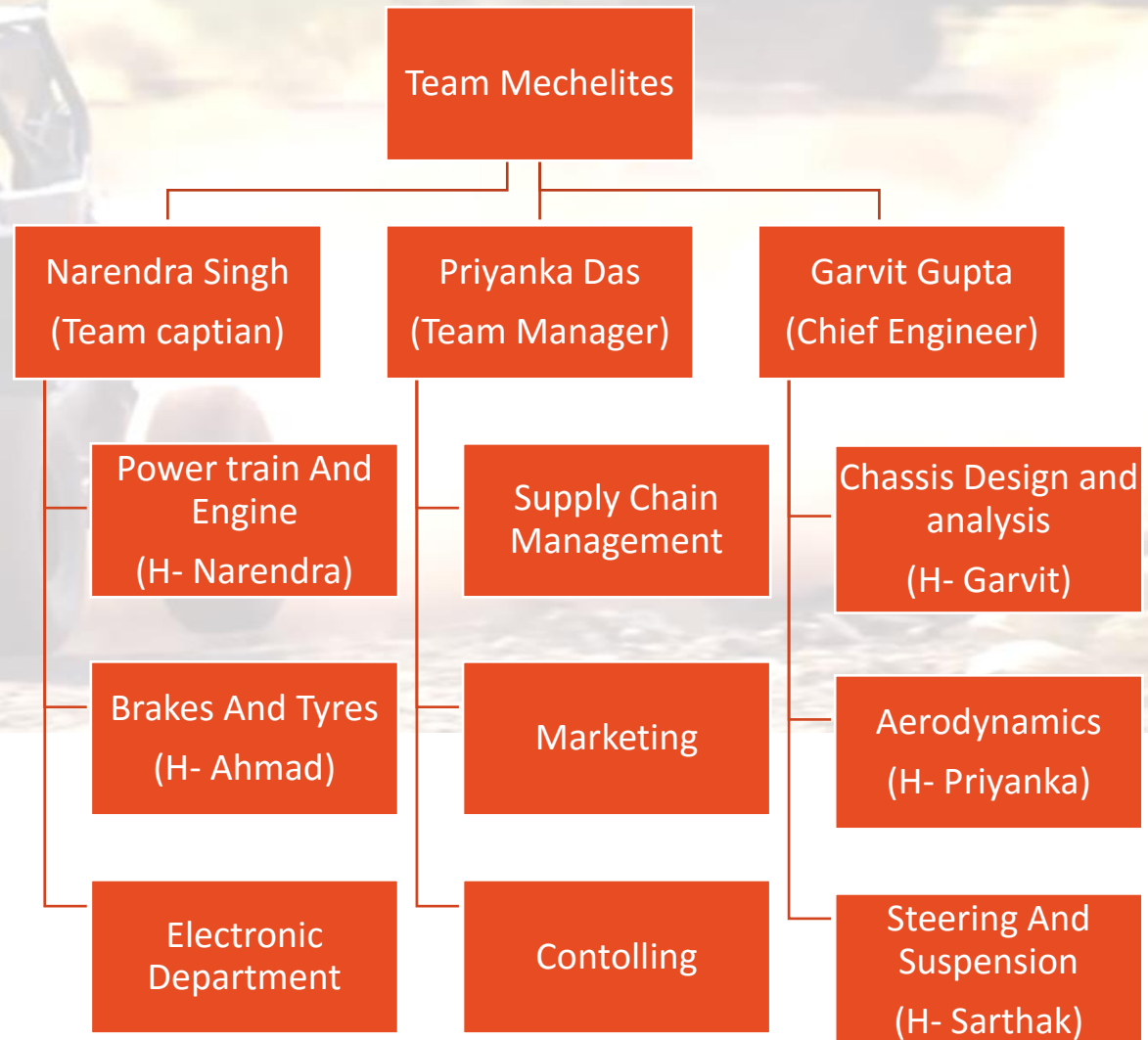
@ [mechelitesmotorsports@gmail.com](mailto:mechelitesmotorsports@gmail.com)

🏠 Galgotias University,  
Greater Noida

## ●●●●● ABOUT US:

MECHELITES Motorsports is a 30 enthusiastic member team of 2nd, 3rd and 4th year students of mechanical engineering solely dedicated in motorsport events. As far as origination is concerned we formed the team in September 2014. Mechelites Motorsports leaves no stones unturned in designing and building our own automobile with the zeal to do something in life for a better society.

## ●●●●● TEAM STRUCTURE:



## ●●●●● PREVIOUS PROJECT:



ELITE KARTING 2014/15 was the first technical event that we applied for and we worked diligently to clear the virtual round. After that with our immense dedication and efforts, we fabricated a Go-kart successfully and went onto race in the final round. We accomplished to be the first team to clear the technical inspection in one go without any fault.

## ●●●●● PRESENT PROJECTS:

Dune Buggy: After fabricating Go-Kart successfully, we were looking forward for a bigger challenge. And thus, we got a great opportunity to work under the guidance of India's youngest rally racer, Mr. Nivit Bhasin. A dune buggy is a recreational off-road vehicle with large wheels, and wide tires, designed for use on sand dunes, beaches, or desert recreation.





ATV (All-Terrain Vehicle): An ATV is a single seater off-road race car designed in compliance with the BAJA SAE rule book. The art of "Time Tracking" is well followed by the Mechelites, as we organized a 15 day workshop in the period of industrial internship. In this workshop 2 ATV and 1 Go-kart were first designed and then fabricated by the students.

## ●●●●● PLANNED FUTURE PROJECTS:

Student Formula Japan: It has always been exciting to participate in SAE collegiate design series, but to compete in SFJ still remains a heart throbbing dream.

A dream which if comes true will foster GALGOTIAS as a global hub for quality education. This dream has flourished ever since Mechelites was born so to realize this dream we chose to participate in SFJ 2016 to represent our university and our country.





Go-Kart (ENIGMA 2.0): After the first successful season of ELITE KARTING 2014-2015, we Mechelites will once again represent Galgotias at a national level in ELITE KARTING 2015-2016. In this event we will revive our kart with innovation, features and tune it to deliver top notch performance.

MEGA ATV CHAMIONSHIP: For the first time in India, an event with new ideas and thrilling experiences is going to be held in March, 2016. The organizers of this event are FMSCI (The federation of Motorsports Club of India), Kalinga Motorsports Club, Auto sports India. This is more than a competition as we need to put all our skills and use our ATV against the most lethal disasters of nature to save lives. Thus, a greater challenge is waiting for Team Mechelites.

