

## **CENTRE FOR MOBILITY ENGINEERING**

The aim of the Mobility Engineering Centre (CME) is to prepare students to develop sustainable, high-performance mobility solutions. Students will be trained to understand features, design requirements and challenges of the present and future mobility solutions. Students will also gain a holistic knowledge of mobility solutions and the ability to apply them for different transportation needs and environments. Sustainable development is considered as major focus area under this centre.

### **Thrust Areas**

- Smart vehicles
- Hybrid Transport Vehicles
- Electric
- Solar
- Racing Vehicles
- Aerodynamic design
- Ergonomic Designs
- Transport Policy

### **Application Domains**

- Transport
- Domestic
- Industrial
- Agriculture
- Vehicles for differently abled
- Public Traffic Awareness

## Projects 2020-21

Title of the Project	Roll No.	Name of the Student
Fabrication of Briquettes from rice husk using screw compaction	17N31A0304	ALETI NIRANJAN REDDY
	17N31A0305	ALLAM TEJA
	17N31A0312	ANUGU BHAGIDHAR REDDY
Multi directional unloading truck	18N35A0306	CHANDAN RAM
	18N35A0309	DASARI VAMSHI
	18N35A0312	DYAVARI VENUKUMAR
Design of Electric 2 wheeler component	17N31A0336	DIDGI VINEETH
	17N31A0338	DUDI ADITYA
	17N31A0339	G RAHUL
Electromagnetic braking system	17N31A0346	GOLLAPUDI NARENDAR
	18N35A0301	B MADDILETI
	18N35A0311	DAYINI KIRAN
Design and fabrication of Electric cycle	17N31A0314	BADRI PAVAN
	17N31A0317	BANDI SATHISH CHANDRA
	17N31A0340	G SAI DHEERAJ GOUD
Electromagnetic suspension for automobile application	17N31A0366	KASTURI SAI SHASHANK
	17N31A0380	KOSURI SAI SRIKAR
	17N31A0387	AAKASH NATH MADUPATHI
Design , analysis and fabrication of 4-wheel 90 degrees steering system using sprocket mechanism	17N31A0367	KATTA AJAY KUMAR
	17N31A0375	KONAKANCHI SAI LOHITH
	17N31A0376	KONANGI ANOOP KUMAR
Mini conveyor using Geneva mechanism	17N31A03E1	PATEEL SRINATH REDDY
	17N31A03G8	SRI RAM PRAVEEN
	17N31A03H5	VALLAPURI KIRAN KUMAR

---

	17N31A03C2	NAGINENI VINAY
Fabrication of low cost sport bike	17N31A03D8	PANKU VIJAY RAJU
	17N31A03F1	RAJEEV S

---