

**FABRICATION OF VARIOUS VEHICLES BY MECHANICAL ENGG STUDENTS DURING 2014-15**

Vehicle Name	Team Leader	Faculty Guide	Team	Specifications	Competition	Awards
SAE - eBAJA (Team Unblockabulls)	K. Sai Narayan (11007060)	Mr.S Ramesh kumar and Mr.Seshi Reddy	25	Electric All Terrain Vehicle having a top speed of 80kmph with a AC induction motor of 13.2kw	18th to 22nd of February held at pithampur,Indore, Madhya Pradesh.	1st Prize (out of 118 participants) of Rs. 1,00,000/- for best Design and Performance in e-Baja and 2nd Prize (out of 118 participants) of Rs. 40,000 for APJ Abdul Kalam Initiative Award
ISIE- GoKart (Mech Sargents)	Yashwant (12007494)	Mr. Kushal Kumar Chode Mr. S.Usha Kiran Kumar	20	125CC Four Stroke Engine Power: 8.65Bhp@6500rpm, Troque: 11.4Nm@6500rpm 5-Speed Manual Transmission Single Seater vehicle	KARY Motor Way, Coimbatore 26-28 Jan 2015	3rd In Skip Pad Test 6th Endurance (10Km Circuit, 2Laps) and secured 14th position out of 70 participants
Asme Hpvc CIVET Team	N. Ashok (11007009)	Mr. K Sai Prasad	17	Upright Bicycle With Comfort Seating Posture As Per Ergonomic Design. Double Crank Lever Mechanism Handle System.Compound Chain Mechanism 1:9 Ratio. Speed 35kmph As Per Riders Ability. Good Crash Protective Chassis When Accident	ASME HPVC India 2015. Hosted By Delhi Technology University ( Dtu ). Event Held Between 16-18th January 2015	All India 14th position out of 42 participants. South India 1st Position
Asme Hpvc VIJAYAN Team	V. Rithvik (11007232)	Mr. K Sai Prasad	15	Recumbent Bicycle In A Laid-Back Reclining Position With Speed Of 32kmph(As Per Rider). Choosen This Type Of Design For Ergonomic Reasons. Also Have An Aerodynamic Advantage. Reclined, Legs-Forward Position Of The Rider's Body Presents A Smaller Frontal Profile		All India 15th position out of 42 participants. South India 1st Position