

SAE AERO DESIGN CHALLENGE -2017 - 2018

The SAEINDIA southern section (SAE ISS) has taken up an initiative to start the Aero Design Challenge in India. The Students are required to use their engineering skills to conceive an aircraft of their own.

The Team FIRE HAWKS had a continued its efforts in the consecutive year 2018 and cleared the Final the final round held at Anna University, Chennai on 11 to 13 July 2018, The Teams gave their best and cleared all the preliminary checks such as Technical Inspection, Electrical Check and other tests and participated in the final race and won the 3rd place among the various team in SAE AERO DESIGN CHALLENGE -2018.





SAE BAJA and EBAJA 2017- 2018

Baja SAE is an intercollegiate design competition run by the Society of automotive engineers (SAE). Teams of students from universities all over India, design and build an all-terrain vehicle, both engine driven (M-Baja) and electrical motor driven (E-Baja). The goal in Baja SAE racing is to design, build and race the ATV that can withstand the harshest elements of rough terrain. Team REVAMP-I-OURS (M-Baja) and Team FALCON RACERS (E-Baja) both took up this initiative to participate in this event. The first phase of the competition was virtual round held in Chitkara University during July 2017, where the calculations of the vehicle were evaluated. The teams cleared the virtual round in very good ranking. The fabrication was started with the help of the management in August 2017 and entire process completed in the end of December 2017. Then the main event took place in Natrax, Pithampur, Indore, Madhya Pradesh during January 2018. In such national event we cleared all the technical inspections such as electrical check, safety scrutiny, brake test and acceleration test. In the main endurance event, Team REVAMP-I-OURS drove for 3hrs 30mins out of 4hrs, lapping 7 rounds, making 3 rd rank among Chennai teams. Team FALCON RACERS drove 3 laps in endurance event, which is a great feat considering the maiden attempt by both the teams. Buggy Numbers 78 and E139





PANIMALARINSTITUTE OF TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT CONVENTION 2017

Student Convention competitions is events conducted by SAE INDIA for our SAE students in the college and it is a competitions and events spread over 3 Tiers viz, College level(Tier 1), Divisional level (Tier 2) and Main Convention(Tier 3) and it is conducted in our college at 26.09.2017 to 28.09.2017

STUDENT CONVENTION 2017-2018

OVERALL SAE CONVENTION COORDINATOR : MR. S.LOUIES PRAVEEN					
S.N O	EVENTS	STAFF CO ORDINATOR	DATE	DAY	STUDENT CO ORDINATOR
1	MODELLING AND ANIMATION	Mr.RAJAKARTHIKEYAN Mr.SELVA KUMAR	26-9-2017	TUESDAY	MOHAMED RAFI BHARATH
2	ANALYSIS	Mr.RAJAKARTHIKEYAN Mr.BHARATHI RAJ	26-9-2017	TUESDAY	MOHAMED RAFI BHARATH
3	TECHNICAL PAPER PRESENTATION	DR. MURUGAN DR. T.P. SURESH	26-9-2017	TUESDAY	RAJASEKAR
4	BUSSINESS PLAN	Mr.AMOS	27-9-2017	WEDNESD AY	IMAD
5	AUTO QUIZ	Mr.C.PARTHASARATHY	26-9-2017	TUESDAY	LAFIR MALIM MOHANNED AFRITH
6	PROTOTYPE MODELLING	Mr.PRABHU	28-9-2017	THURSDAY	DEEPAK PRASAD
7	WELDING	Mr.ASHOK KUMAR Mr.SUBBU	27-9-2017	WEDNESD AY	MOHAMED RAFI MANIVANNAN
8	CNC TURNING	Mr.GANAKUMAR Mr.ARUL JOTHI	27-9-2017	WEDNESD AY	LAFIR MALIM MOHANNED AFRITH
9	CNC MILLING	Mr.GANAKUMAR Mr.ARUL JOTHI	27-9-2017	WEDNESD AY	RAJASEKAR
10	SHEET METAL	Mr.JAYARAMAN Mr.KALAIVENDAN	27-9-2017	WEDNESD AY	ARAVINTH KRISHNAN

11	MECHANICAL ENGINEERING DESIGN CAD	Mr.AMOS Mr.KAMALAKANNAN	28-9-2017	THURSDAY	BALAJI
12	GROUP DISCUSSION	Mr.LOUIES PRAVEEN	28-9-2017	THURSDAY	DEEPAK PRASAD
13	HOW THINGS WORK	Mr.C.PARTHASARATHY Mr.AMOS	28-9-2017	THURSDAY	ALDRIN
14	DIAGRAMATIC REASONING	Mr.SELVARAJU	28-9-2017	THURSDAY	HARIISH
15	MATERIAL IDENTIFICATION	Mr.LOUIES PRAVEEN Mr.SELVARAJU	26-9-2017	TUESDAY	ALDRIN
16	THREADING AND TAPER TURNING	Mr.GANAKUMAR	27-9-2017	WEDNESDAY	ABINAV
17	WORK HOLDING	Mr.ASHOK KUMAR	28-9-2017	THURSDAY	ABINAV
18	REVERSE ENGINEERING	Mr.RAJENDRAN Mr.VIJITHRA	28-9-2017	THURSDAY	ARAVINTH KRISHNAN

ANALYSIS



CNCMILLING



MODELING AND ANIMATION COMPETITION



TECHNICAL PAPER COMPETITION



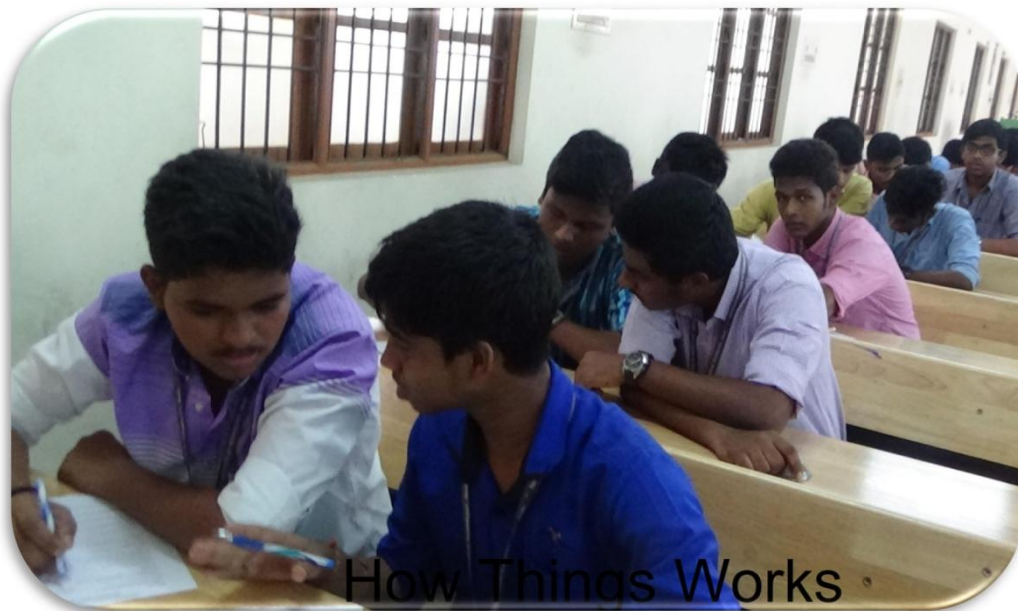
MATERIAL IDENTIFICATION



AutoQuiz



HOWTHINGSWORKS





GroupDiscussion

