

Annual Report of the Societies of Mechanical Engineering for the academic year 2016-17

Good evening to one and all present here,

It gives me immense pleasure to present the Annual report of the societies of the Department of Mechanical Engineering, for the academic year 2016 -2017. Our department has four societies namely ----- . We conduct various events, Guest lectures, and industrial visits for our students through these societies.

Last year we had many informative and useful events that helped our students to learn and grow. With a great pride I share with you the activities for the last year. This can be attributed to the dedication and team spirit of the management, staff and students.

The list of events for SME & ASME is furnished below:

- The inauguration of society activities for the previous academic year 2016_17 was conducted on 28th October 2016. The chief Guest Mr. R. Karunanidhi, Manager, Endurance Testing Lab, WABCO India Ltd inaugurated the society activities and delivered the keynote address.
- Our society coordinated for the intercollegiate technical festival “CRESTECH 2017” organised on 24th and 25th of March 2017 in the University level. Students from various institutions participated. We conducted three events namely Cad modelling, lunar landing and water rocketry in a professional manner. Our students gained practical knowledge and experience by conducting these events. Two of our students won prizes.

The list of events for ISHRAE is furnished below.

- The society of ISHRAE thanks the support extended by the University for refunding the registration fee of the first 75 students.
- A guest lecture on “A Career in Refrigeration and Air conditioning” was delivered by Mr. Bhavanagarwala. M.J, Director of H&H Consulting on 27th September 2016.
- A guest lecture on “Basics of Air Conditioning” was delivered by Mr. Balaji. D, Director of Cryogenic Engineers (P) Ltd on 04th October 2016.
- The final guest lecture on “A HVAC For Beginners” was delivered by Mr.V.Sridhar, Director of Enervac Engg Consultants on 09-March- 2017.
- An industrial visit was organized on 17th April 2017 for the final year Mechanical students. The students learned about the functioning of various components and processes of valves and air-conditioning units in real time industrial environment.

- Our students participated enthusiastically in the competitions of Karni kool, a HVAC&R technical fest conducted on 18th February 2017 by ISHRAE Chennai chapter at Anna University. They also attended the technical lectures on informative topic like “Modern HVAC Technology for Green Planet” and get benefitted.
- Our university students participated in the prelims of the National level technical quiz competition conducted on 26th October 2016 at Anna University, Guindy by ISHRAE Chennai chapter. Our students won the first and second prizes and total of 5 teams got selected for finals. Our students were the runner-ups in the finals of the A-QUEST 2016-17 conducted at Mumbai.
- A Job Junction was held by ISHRAE at National and Regional level, which offers placement for the students in reputed companies. Last year, 4 of our students got placed at Chennai level. The National level Job Junction was conducted from 21st to 23rd October 2016 at Bengaluru in which 24 students of our university participated.

The list of events for SAE is furnished below.

- Our students participated in Virtual BAJA SAE India event conducted during July 2016 at Bangalore.
- Our students participated in SAE SUPRA 2017 at Budd International Circuit conducted during June 2017 at Noida.
- Tractor Prototype has been made first time in India which is reviewed by TAFE during November 2016.
- An Industrial visit organised to TAFE, Madurai.
- Guest lectures were organised for SAE students on the following topic
 - Transmission, which outlined various aspects that is considered for designing the system.
 - Steering, where the important and salient features of steering in tractor were explained.
 - Brakes, where the uniqueness of the tractor is discussed and selection of suitable brakes for tractor were covered.
- SAE ASOP program was launched successfully to make students industry ready. In the 1st phase a workshop on “Reverse engineering” was conducted by Mr.S.Shanmugam on December 2016.
- SAE students volunteered in the International Conference on ADMMS 2017 conducted by the Department.
- A plant visit to Mahindra and Mahindra was organized on July 2017.
- Ajay Krishna of 3rd year mechanical has been nominated as Student Executive Council member in SAE India Southern Section.