SAENIS STUDENT CONVENTION

at KIET Group of Institutions Ghaziabad

on 1st November, 2018
A SAENIS Student Convention was held at KIET Group of Institutions Ghaziabad on 1st November, 2018. The conventions was attended by different sae members of Northern Region (including IMSEC, AKGEC, KEC, etc.) The distinguished guests that attended the convention included:

- **Mr. Sandeep Raina**
  Vice Chairman SAE-NIS Student activities
  Vice President – Engineering
  Maruti Suzuki India Limited Gurugram

- **Mr. Rakesh Sood**
  Vice Chairman SAE-NIS Student activities
  M.D. Trim India Pvt. Limited Gurugram

- **Mr. Anup Kacker**
  Executive Director
  SAE NIS Gurugram

- **Dr. Felix Regin A**
  AGM
  Maruti Suzuki India Limited Gurugram

- **Mr. Sandeep Sharma**
  DGM-Corporate Technology
  Minda Industries Limited Gurugram

- **Mr. Yogendra Singh Kushwah**
  Section Head
  New Technology Development – R&D
  Subros Limited India
The Inaugural of the student convention was done in auditorium of KIET Group of Institutions.

Key highlights of Inaugural Function of SAENIS Student convention, Innotech 2018 and CIPECH-2018

The various dignitaries on the dais included:

- Chief Guest Honourable Minister Ashutosh Tandon
- Guest of Honour Mr. Vinay Kumar Pathak Vice-chancellor AKTU
- Guest of Honour Shri Atul Garg Honourable minister of food and logistics
- Guest of honour Mr. Sandeep Raina (Vice-president-Engineering Division, Maruti Suzuki India Limited)
- Guest of Honour Professor Marco C. Campi
- Guest of honour Professor FredeBlaabjarg
- Professor Avinash Kumar (Director, Central Hindi Directorate, MHRD)
- Dr. (Col.) Amik Garg (Director, KIET Group of Institutions)
Mr. Mahesh Munjal CEO majestic Auto(CII Member)
- congratulated the institute and the people of organising committee
- Such type of events provide a platform to students for showcasing talents.
- educational institutes need to find the interest of the students in their respective fields

Mr. Sandeep Raina (Vice-president-Engineering Division, Maruti Suzuki India Limited) gave
- perspective of auto industry in the current scenario.
- auto industry has an annual growth of 7-8 % annually
- discussed about key challenges faced by automotive industry in view of safety and emission norms laid by government of India.
- cost effective new technologies are being developed by the automotive industry
- SAE is a non-profit organisation and is a group of professionals who are voluntarily working together to exchange technical knowledge and also have a forum where the professional can exchange views with the students and try to bridge the gap between academia and industry.
- There are total 7500 student members and 1000 professional members in SAENIS.

SAENIS promotes mobility thinking from the school level by AWIM programmes.
Prof. Avnish Kumar (Director, Central Hindi Directorate, MHRD)
- Discussed about the publication of research work
- He felt computational intelligence plays an important role in research work Professor. Vinay Kumar Pathak (Vice-chancellor AKTU)
- at present we are the verge of 4th industrial revolution.
- There are five dimensions in which people are working. First dimension includes oil exploration and research in automotive industry. Second dimension includes Health. Third dimension includes education, Fourth dimension includes industry and manufacturing. Fifth dimension includes entertainment.
- that in future, the mobility will shift gradually from oil to electric.

Mr. Atul Garg (Honourable minister of food and logistics)
- The journey of KIET Group of Institutions since its inception.
- Importance of automotive industry in the current scenario.
- Being a founder member of KIET Group of Institutions, he thanked the different dignitaries on the dice for spending their precious time.

Dr. (Col.) Amit Garg (Director KIET Group of Institutions) briefed about the different events and delivered the vote of thanks
Events Conducted

The various events conducted in the convention included:

• Expert lecture series
• Technical Poster Presentation
• Technical Paper Presentation
• Project Exhibition

Expert lecture series was attended by more than 150 students and included the presentations from:

• **Mr. Yogendra Singh Kushwah** (Section Head, New Technology Development –R&D, Subros Limited India) on the topic “Mobility Engineering: Opportunities and Challenges”

• **Mr. Sandeep Sharma** (DGM-Corporate Technology, Minda Industries Limited Gurugram)

• **Dr. Felix Regin A** (AGM, Maruti Suzuki India Limited Gurugram) on the topic “Aerodynamics and Aero acoustics Performance of Automotive Vehicle”
In technical paper presentation a total of 19 technical papers were presented by different students. The results of the technical paper presentation were as follows:

- **First Prize**: Mr. Ayush Agarwal, KIET Group of Institutions, for the paper, “Modelling of Visual Performance in Mobile Environment”

- **Second Prize**: Mr. Rohan Singh, KIET Group of Institutions for the Paper, “Design, Analysis and Fabrication of a Reduction gearbox for an ATV”

- **Third Prize**: Mr. Omkar Seth, IMS Engineering College for the paper, “Design Analysis of a Dehumidified Cooler”

- **Consolation prize**: Mr. Lalit Kirola, KIET Group of Institutions for the paper, “Alternate Solution to Ejection Mechanisms in Helicopters”
In technical poster presentation a total of 28 posters were presented by different students. The results of the technical poster presentation were as follows:

- **First Prize**: Mr. Aman Singh, Mohd Ahmad, Abhinav Biswas, Mirza Suhaib Beg from Team Maas, from IMS Engineering College for the poster “Hybrid Bicycle”

- **Second Prize**: Mr. Shivank Bhardwaj, Malay Katiyar from the team Techbuddies, from KIET Group of Institutions for the poster “Regenerative Brake”

- **Third Prize**: Mr. Vageesh Dwivedi, Somendra Singh from KIET Group of Institutions, the team Green Gang for the poster, “Recirculating Catalytic Converter”

- **Consolation Prize**: Mr. Siddhant Bhola, Varun Jain from KIET Group of Institutions the team Stoopids for the poster, “Aqua Silencer”
In project Exhibition, a total of 24 projects were demonstrated by different students. The result of the project exhibition is as follows:

- **First Prize:** Mr. Suryansh Rathore from Team Intruders for the project “ATV Rover”
- **Second Prize:** Mr. Ahsan Islam from the team Accelerators for the project “Go Kart”
- **Third Prize:** Mr. Ketan Singh from the team The shield for the project, “Military Vehicle”
- **Consolation Prize:** Mr. Shivam Singh from the team Dipper for the project, “Automatic Head Light Dipper”