

A Report on
Three-day workshop
“ADVANCED CONCEPTS OF AUTOMOTIVE TECHNOLOGY”
from 20th to 22th April,2018 at K S Institute of Technology, Bangalore
organized by Team Redline Racing, SAE INDIA KSIT Collegiate Club in
association with SAE INDIA Bangalore section & Elemental Motor works

Day 1: 20-04-2018: Registration: The number of students' participants registered was 100. The students were from various engineering colleges pursuing mechanical engineering. During the inaugural function, Chief Guest Mr. R Krishnan, Vice chairman, SAE India Bangalore Section was speaking about the challenges to be faced during inception of new automotive company. Dr. T. V Govindaraju, Principal/Director, KSIT, emphasized on the need of these kind of workshop for the benefit of students. Dr. Ram Narasimha, Professor & Head, gave schedule of workshop for next three days.

Mr. Piyush Verma explained the concepts under the title “Automotive Basics and Automotive Design Philosophy”. After the lunch, Mr. Piyush Verma had a long session speaking about Designing your own ATV, Suspension system, Steering system, during which there was appreciable interaction from participants.

Day 2: 21-04-2018: The participants were grouped into 3 batches. These batches went to hands on session, Assembling and De Assembling Engine lab and Automobile Lab, in the sequence as mentioned to them. In these place, they learnt about parts of engine, assembling the parts, valves, gear boxed, clutch plates etc., which was extensively practical knowledge. Mr. Nishnath Patel , Mr. Jagadhish, Mr. Rajath were the invitees, who took the complete responsibility of this session.

Day 3: 22-04-2018: The software training session was started in Online lab, 4th Floor, KSIT; by M/s Institute of Industrial Design speaking about the Solidwork version used for modelling. After the lunch, they explained to the participants about the FEA analysis of modelled part and its importance. The course was ended with valedictory session, during which the certificates were distributed and feedback was collected.

Invitees:

1. Mr. P. Krishnan, Vice chairman, SAE India Bangalore Section, Member, Managing Committee. SAE India.
2. Mr. Mr. Piyush Verma, Alumina member, Elemental Motor Works, Bangalore.
3. Mr. Nishnath Patel and Mr. Rajath, Alumina members, KSIT, Bangalore
4. Mr. Jagadhish, Automobile lab, KS Polytechnic.

Submitted by:

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