



Finolex Academy of Management & Technology, Ratnagiri

Department of Mechanical Engineering

Two Days work shop on "*Internal Combustion Engines – Basics, Advanced and Hands-on*"

With an objective of delivering advanced knowledge in the field of internal combustion engines and to give hands on experience of assembly-dismantling of engines, the department of Mechanical Engineering in association with SKYFI labs, Bangalore organized **TWO DAYS** Workshop "*Internal Combustion Engines – Basics, Advanced and Hands-on*" for Third Year Mechanical Engineering students on 09th and 10th September 2017. Total 54 students registered and participated in the workshop.

On 09th September the workshop was inaugurated at the hands of **Dr. Milind Kirkire** (Head of Mechanical Engineering Department). **Mr. Sushanth C** (Head Engineering Management Division, SKYFI lab, Bangalore) and **Mr. Dhanush S.** (Trainer, SKYFI labs, Bangalore) were the resource persons.

On day one, topics like Advanced Ignition, Braking & Exhaust system, Turbo & Nitro charged Engines, Component and structure of chassis, Handling and steering system, Engine Control Unit, Sensors, and Actuators etc. along with detailed design procedure of piston assembly and other engine parts were discussed at length by Mr. Sushanth.

On day two, in the first session, demonstration of engine performance software was given to the students with the help of which student could simulate their own engine and checked its performance parameters. In the second session, hands on experience of assembly and dismantling of single cylinder twin spark, four stroke engine was given to the students. A working model of two stroke aircraft engine was also demonstrated to the student. At the end of the second day, assembly and dismantling competition of engines was conducted among the students.

The course was coordinated by **Prof. Milind Yadav** under guidance of **Dr. Milind Kirkire**.

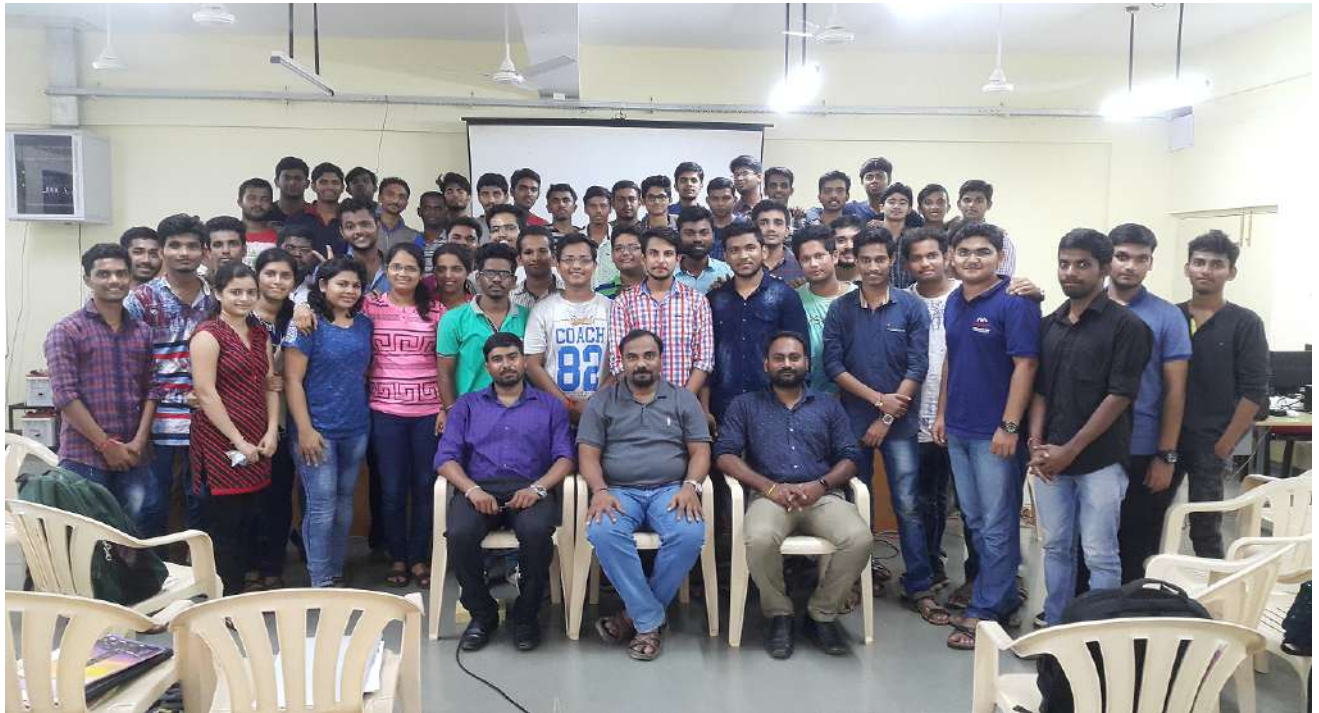
Mr. Tejas Kale, Mr. Omkar Ayare, Mr. Ashay Bhuravne and Mr. Siddhesh Gurav (Students from TE Mechanical – Division A) worked as volunteers for smooth functioning of the workshop. **Mr. Tabish Hakim** anchored the inaugural ceremony of the workshop.



Inauguration ceremony of Workshop



Felicitation of Mr. Sushant C by Dr. Milind Kirkire



(L-R)Mr. Sushanth C., Mr. Dhanush S., and Prof. Milind Yadav with participants of Workshop



Workshop participants dismantling engine



Engine Simulation Software demonstration during Workshop



Mr. Sushant C. interacting with participants during workshop



Workshop organizing committee with Delegates from SKYFi Labs, Bangalore