

# DEPARTMENT OF MECHANICAL ENGINEERING SAPTHAGIRI COLLEGE OF ENGINEERING

BANGALORE\_560057

## STUDENT CENTRIC ACTIVITY

### Seminar on CFD (Computational Fluid Dynamics)

Class / Semester: 4<sup>th</sup> A

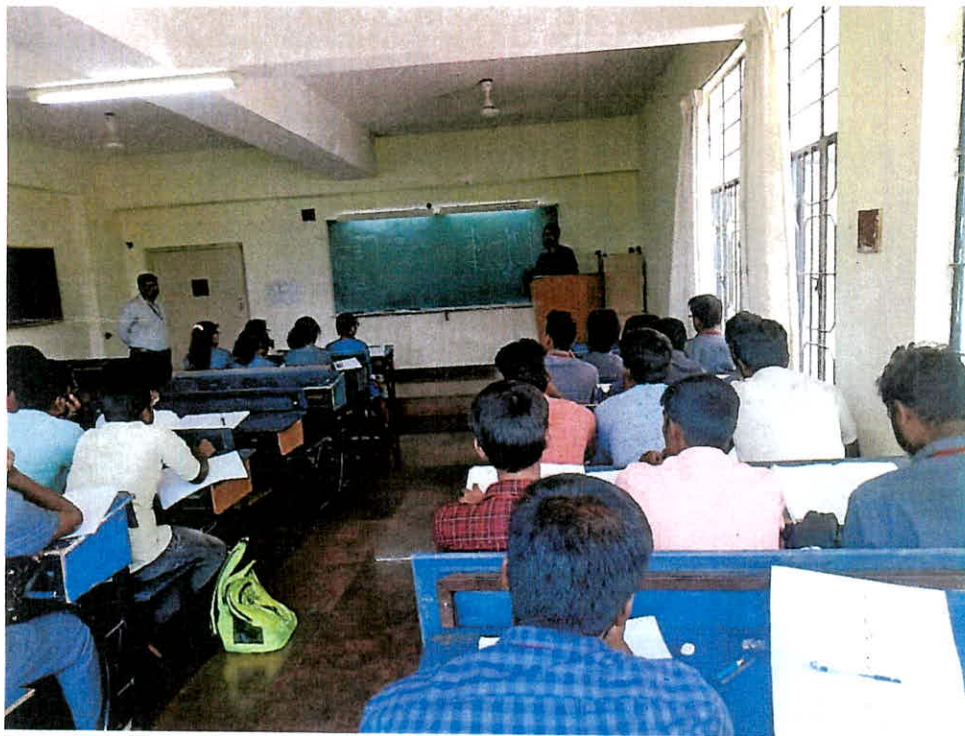
Course: **Fluid Mechanics (17ME44)**

Date: 08/05/2019

As a part of participative learning activity, seminar topics were given to students of 4<sup>th</sup> A Mechanical on computational fluid dynamics. Three students covered the allotted topics and other students actively participated in the activity by interaction.

1. Name of student: **Nishanth Singh**

USN : 1SG17ME050

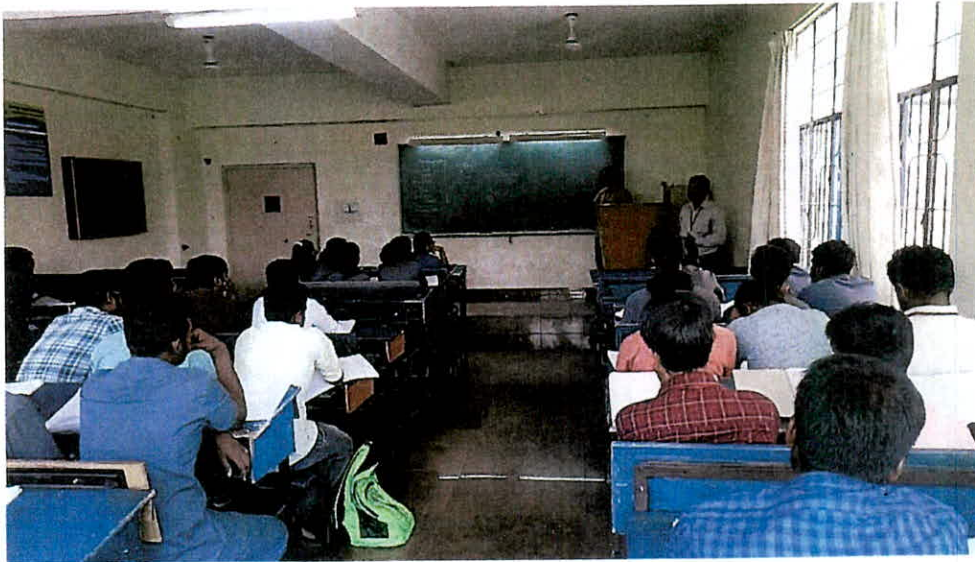


Nishanth Singh (1SG17ME050) delivered a seminar on the concepts related to CFD, its need and how the tool is employed in the analysis of fluid flow in complex structures. He covered the various topics related to CFD, quoting real time examples and answered different questions asked by other students.

  
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2. Name of student : **Ashutosh JhA**

USN : 1SG17ME011



Ashutosh Jha (1SG17ME011) , discussed about the benefits and limitations of CFD. And also he explained in detail various applications of CFD and he covered in detail the scope of CFD IN different fields.

3. Name of student: **Chirag.P.Hegde**

USN: 1SG17ME019



Chirag Hegde (1SG17ME019) took the case study of Bullet bike and TVS Apache and explained how the CFD analysis is employed to design the aerodynamic body of the TVS apache bike. He explained the benefits of CFD in improving the acceleration and efficiency of the TVS apache bike. Many queries were asked by the students and he was able to provide convincing answers.

Outcome: Peer learning, Peer teaching, Seminar in class, Participative Learning, improved communication.

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