

# **SVKM INSTITUTE OF TECHNOLOGY, DHULE**

## ***REPORT ON GUEST LECTURE***

***BY***

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NAME OF INSTITUTE : MIT Academy of Engineering  
TOPIC : CFD (Computational Fluid Dynamics)  
DATE : 15<sup>th</sup> Oct. 2018

### **DETAILS OF THE GUEST LECTURE**

The bullet points of the guest lecture are :

- 1) Introduction to the CFD
- 2) Revision of Prerequisite of CFD
- 3) What is CFD and its application
- 4) Mathematical equations and discretization methods
- 5) Case Studies – Pipe flow

The guest lecture gives overview of computational fluid dynamics which helps to students understands the importance of subjects. In order to solve various equations of fluid mechanics like Navier Stoke equations Reynolds transport theorem etc. computational method helps a lot to compare the experimental results to review any problems. The snap of session attaches below.

### **SNAPS**





In Charge Coordinator  
Mech. Dept.