

Sanjeevan Engineering and Technology Institute, Panhala

Department of Automobile Engineering

One Day workshop report on ABAQUS Date 17/02/2017

In today's computer aided product development and manufacturing environment, designers and engineers are using wide range of software tools to design and simulate their product. ABAQUS provide simple and easy way to perform simulation process.

Program Objective This program was to focus and enhance skill of Automobile engineering students in analysis field. Also to learn key features, simulation and optimization process using ABAQUS.

17 Feb 2017 The inauguration function commenced at 11:45.00 am. **Mr. Vighnesh Patil, Business Development (EDS Technology) and Vighnesh Naidu, Application specialist (EDS Technology)** were chief guest for the program. Prof. S. L. Ghodake , head of Automobile engineering has felicitated the guest.



First session started by Mr. Vighnesh Patil. In this, he talked on recent development in software technology and market trend. He also explained importance of software awareness for job opportunity.

In second session **Mr. Vighnesh Naidu** elaborated importance of ABAQUS software. In this session, he focused on **explicit and implicit analysis**. He explained vehicle **tyre analysis, Ice impact analysis and thermal complex analysis** in cylinder head and block in detail.