

Mechanical Department

2nd &amp; 3rd Feb, 2017



S.M.T. S. R. PATEL ENGINEERING COLLEGE

# Two Day Workshop Report

## One Day Workshop on Current trends in CAD/CAM/CAE

### Objectives:

To make the students aware from the latest trends in industrial applications and increasing demand of CAD/CAM.

### Organize by:

INDO GERMAN TOOL ROOM  
Plot No.5003, Phase-IV,  
GIDC,

Mehmedabad Road, Vatva,  
A h m e d a b a d - 3 8 2 4 4 5 .

Email:  
info@igtrahd.com, admis-  
sion@igtrahd.com  
Web: www.igtrahd.com



### DETAIL OF WORKSHOP

The use of different commands to make a 3d model ( by using parametric software )  
Ease to modify the 3 d model Ease in converting 3d model into drafting, Assembly of dif-  
ferent parts.

Free from Surfacing & part designing, Advantages of 3d Model software.

#### CAM:

Job selection, Machine selection, Reference for machining, Tool selection, Importance of  
parameter settings.( speed, feed, depth of cut, etc..), How to reduce machining time & prod-  
uct cost, How to do CNC machining for Lathe, Milling & Wire cut..

#### CAE:

Product & material selection, Advantages of CAE, How to use CAE, Thermal & static  
analysis for the product , Stress analysis, Result using CAE.

### *Workshop Participants:*

Workshop was organized for students of 4th semester Mechanical En-  
gineering. There were 98 student Participants and 2 faculty member of  
Mechanical Engineering Department were present in the workshop.