



**OM ENGINEERING  
COLLEGE**

**Degree Engineering College**

**A Report**

**On**

**Two-day workshop on “AutoCAD”**

**Guest Speaker:**

Mr. Vaibhav Choksi  
(Director of CADD Center, Junagadh)

**Workshop coordinator:**

Prof N R Dadhania, Prof M P Thummar & Prof D D Ukani  
(Department Of Mechanical Engineering)

**Organized & Managed By:**

Department of Mechanical Engineering  
Om Engineering College Junagadh

**Date:** 22 & 23 April, 2017 **Time:** 09:00am to 03:00pm



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## **Acknowledgement**

We very much thankful to Trustee as well as Director of OM Engineering College Mr. C N Jasani sir for organizing such type of Two-day workshop.

We are indeed thankful to expert of software AutoCAD, Mr. Vaibhav Choksi who have spared their precious time especially for Students of Om Engineering College and conducted the workshop on AutoCAD and also thankful to students for taking the interest and attend this workshop.



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### **INTRODUCTION:**

Department of mechanical engineering from OM Engineering College arranged Two Days Workshop on AutoCAD dated 22 & 23 April 2017. Expert of the workshop, Mr. Vaibhav Choksi who is director of CADD Center, Junagadh. Expert rendered his expertise to all Modules of AutoCAD on effective use of subjective knowledge. More than 60 students from our degree 4<sup>th</sup> semester mechanical students were attending the workshop.





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Workshop was started at 09:00 am with normal introductory speech by prof. A G Makati and prof. N R Dadhania and session was hand over to speaker Mr. Choksi is well known in educationalist since 5 years and he is willingly in association with so many institutions for creating awareness regarding importance of Drafting, Modeling, Simulation, Analysis and FEA of any mechanical part, the development of subjective knowledge.



### **Some of the topics discussed during Workshop:**

#### **Basic knowledge of AutoCAD:**

Welcome to the world of CAD - In this first tutorial you will be learning the very basics of AutoCAD. This course was designed so that the commands and instructions should work on almost any version of AutoCAD, although this version was designed specifically for AutoCAD 2016 and will work with older versions. By the end of this level, you will have the skills to develop basic 2D drawings and print them out to scale.



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**Basics Commands which we have covered in this workshop and many more**

<b>AUTOCAD COMMAND</b>	<b>DISCRIPTION</b>	<b>FURTHER INFORMATION</b>
LINE	Create a line	Basic AutoCAD commands: Mastering the LINE command in AutoCAD
TRIM	Trim object to meet the edges of other objects	Basic AutoCAD commands: Trim and Extend in AutoCAD
CIRCLE	Create a circle	Basic AutoCAD commands: Circles in AutoCAD
EXTEND	Extend object to meet the edges of other objects	Basic AutoCAD commands: Trim and Extend in AutoCAD
ARRAYRECT	Create a rectangular pattern of object	Basic AutoCAD commands: Arrays in AutoCAD
ARRAYPOLAR	Create a circular pattern of object	Basic AutoCAD commands: Arrays in AutoCAD
COPY	Create a copy of an object	Basic AutoCAD commands: Move and Copy objects in AutoCAD
MOVE	Move an object	Basic AutoCAD commands: Move and Copy objects in AutoCAD
ROTATE	Rotate an object	Basic AutoCAD commands: Mirror and Rotate in AutoCAD
MIRROR	Create a mirrored copy of an object	Basic AutoCAD commands: Mirror and Rotate in AutoCAD
ERASE	Delete an object	Basic AutoCAD commands: Explode and Erase in AutoCAD
EXPLODE	Breaks an object into its components object	Basic AutoCAD commands: Explode and Erase in AutoCAD
LAYERS	Open the layer properties windows	Basic AutoCAD commands: Working with Layers in AutoCAD
CHAMFER	Bevels the edges of an object	Basic AutoCAD commands: Chamfer and Fillet
FILLET	Rounds the edges of objects	Basic AutoCAD commands: Chamfer and Fillet





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The review of the seminar that more than 90% students give excellent feedback of the workshop and they are willing to work more and take more interest in this workshop. We will try to give excellent when this kind of workshop will arrange in college campus.





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### **Industrial Applications:**

This software is popular for 2D- drafting in industrial propose. One of the fastest software for drafting.

### **Conclusion:**

After completion, this workshop we conclude that student gets more benefits about this workshop and they are more familiar about the software. In market scenario the extra skills are require for getting good job so that software knowledge is most important factor of industry.



We are very thankful to our Head of Department for such giving a good support as well as we are also thankful to our director sir that he was continuously guiding and supporting to us.



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We are also thankful the people who gives direct and indirect support to make successful workshop. The students are very enthusiastic to learn the software and they are ready to do more study in this kind of workshop.

**THANK YOU**