



**“A BUILDING PLANNING IN  
AutoCAD ” Workshop  
Report**

**6<sup>th</sup> February and 7<sup>th</sup> February 2016  
13<sup>th</sup> February and 14<sup>th</sup> February 2016**



**At  
Om Engineering College**

**H.O.D.  
Prof. H. H. Gajera**

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**Coordinated By:  
K. P. Barad /  
B.B.Sarvaiya/ D.B.Parmar**

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## ACKNOWLEDGEMENT

We are gladly thankful to Director , Prof. C.N.Jasani sir and Head of the Department Prof. H. H. Gajera(CIVIL) and for providing such great opportunities to learn something new and innovative.

We are also thankful to our faculty who gave us a great guidance regarding Auto CAD and instructed us towards the importance of the software in the field of designing building plan.

So we decided to organize the two days workshop on “BUILDING PLANNING IN Auto CAD” at Om engineering college.

## GENERAL INFORMATION

Om engineering college, department of civil engineering had organized the two days workshop for developing the skill in AutoCAD building designing.

Prof. C.N.Jasani sir, the Director of Om engineering college guided the students about the importance of some technical skills in various fields.

Prof. H. H. Gajera, the Head Of Department of Civil Engineering guided the students about the usefulness of civil engineering software; that are helpful in building designing.

B.B.Sarvaiya, K. P. Barad, and D.B.Parmar the faculty of Civil Engineering Department, has conducted the two days sessions and taught the 2D and 3D building drawing in AutoCAD.

We had arrange two session On 6<sup>th</sup> and 7<sup>th</sup> February, 2016 and 13<sup>th</sup> and 14<sup>th</sup> February,2016. At 09:00 am the students registered their name and the workshop started with the welcome speech.

## Welcome Session



Welcome speech was given by Prof. I. M. Khan, Faculty from general department. He heartily welcome to all invited students behalf of OM ENGINEERING COLLEGE also he gives the little introduction about the OM ENGINEERING COLLEGE

## List of Participants

We are also thankful to the student who register for this seminar and make this seminar successful In workshop 61 students from different colleges was attained this workshop. As given below.

| No. | Name                                           |
|-----|------------------------------------------------|
| 1   | Government polytechnic, junagadh               |
| 2   | Amrut institute, junagadh                      |
| 3   | Om institute, junagadh                         |
| 4   | Government polytechnic, porbandar              |
| 5   | Dr. J. N. Mehta Government polytechnic, Amreli |
| 6   | Government polytechnic rajkot.                 |

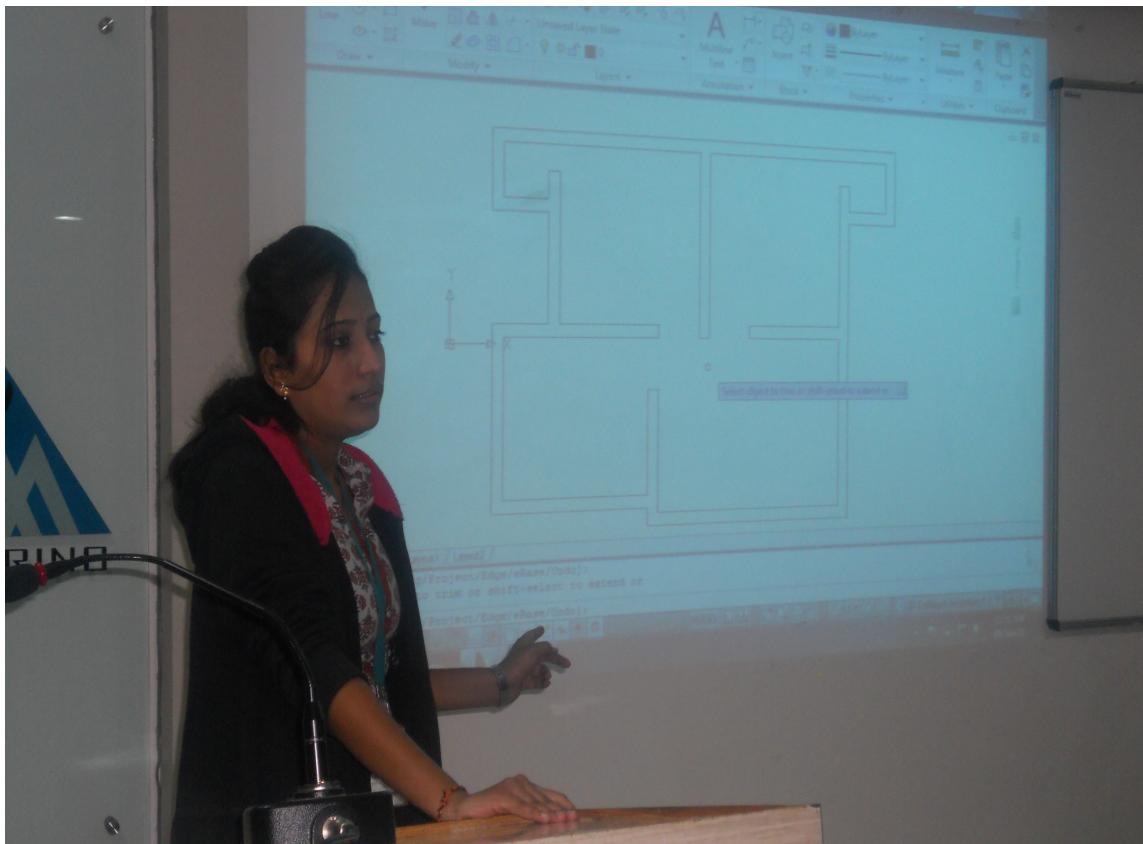
## PURPOSE OF THIS WORKSHOP

Our main purpose for organizing this workshop is to get knowledge about How to develop the skill in Building designing in AutoCAD. As such the AutoCAD is beneficial to Create Building Design, Factory Design, Plan Design, etc.



## Introduction About Building Planning in AutoCAD:

At the beginning, Ms. K. P. Barad gave introduction about the how to develop the skills for better building designing in AutoCAD. Then, Ms. K. P. Barad gave carrier orientive guidance, where on can develop their own CAD portfolio, for engineers they can design civil structure.





In the session of first day, the basic commands such as Screen Layout, Create a New Drawing, Open a Drawing, Save a Drawing, Units, Line, Circle, Arc, Ellipse, Polygon, Rectangle, Offset, Trim, Extend, Chamfer, Fillet, Copy and Move, Object Snap were taught.



After the basic commands the students were made to draw a line plan of a building.

In the next day Prof. B.B.Sarvaiya gave introduction about 3d commands such as, viewport, box, subtract, union, region, extrude etc.....

were taught, and at last a simple building plan and elevation of residential building was made to be drawn.



## CONCLUSION

From this workshop, we get the information and knowledge about the use of AutoCAD software for building designing in the field of civil engineering.

**Thank You**