



POORNIMA

INSTITUTE OF ENGINEERING & TECHNOLOGY

A

Workshop

Report

On

Software Engineering Optimization



DEPARTMENT OF CIVIL ENGINEERING, PIET

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(Coordinator)

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(HOD Department of Civil)



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Objective:

The main objective of this Workshop module is to identifying the needs and expectations of the companies as well as to prepare the students as per requirement of company so that students take challenges during recruitment process.

About The Workshop:

The workshop on Software Auto-CAD was organized in our college on “6th to 8th Feb 2017”., by Civil Engineering department. The aim of the workshop was to give brief introduction about Auto-CAD, the drafting software. To conduct this Workshop Mr. **Pravel Partap Singh**, the expert of



Auto-CAD was invited. Civil department students to attend this session, total 30 students attended this workshop.

Participation:

Registration for this workshop was based on the student's interests that are willing to make career in AUTOCAD field and based on that 30 students are register from PIET fourth year from sec A and Sec B.

Venue: BB-34

Resource Person:- Mr.Pravel Partap Singh (Lakshya Engineering Institute)



Workshop Module Planning:

AUTOCAD COMMAND	DISCRIPTION	FURTHER INFORMATION
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



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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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Industry Application:

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

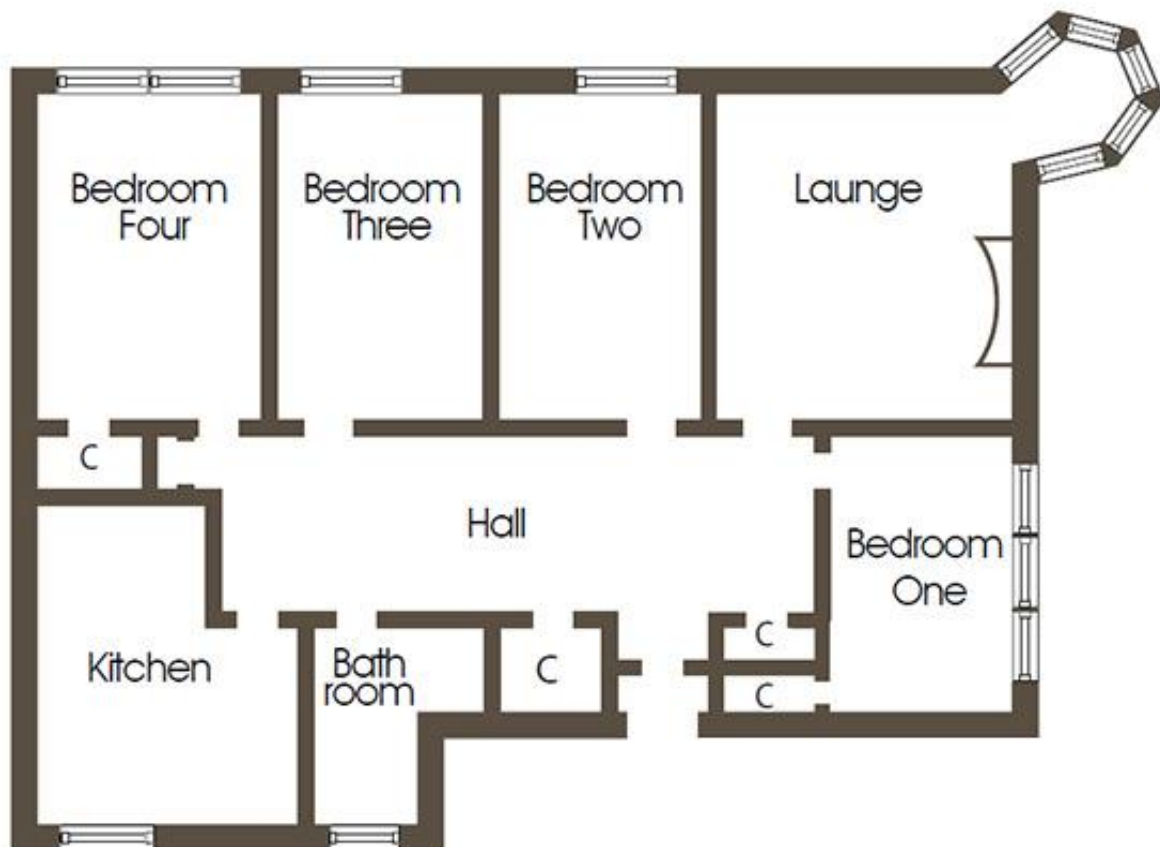


Outcome & Evaluation:

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.

Exercise

To Draw a plan using AUTO CAD command





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Evaluation Sheet

S.N.	Registration No.	Name of Student	Max. Marks 10
1	PIET/CIV/13/046	NAMRATA GOYAL .	7
2	PIET/CIV/13/511	NARESH KUMAR SAINI	10
3	PIET/CIV/13/512	NAVAL SINGH LODHA	8
4	PIET/CIV/13/048	NAVEEN KUMAR MEENA (KLM)	7
5	PIET/CIV/13/513	NAVEEN KUMAR MEENA (SRM)	9
6	PIET/CIV/13/136	NEELES KUMAR TANWAR .	8
7	PIET/CIV/13/049	NEERAJ KUMAR SHARMA .	7
8	PIET/CIV/13/053	PAWAN GOYAL .	0
9	PIET/CIV/13/054	PIYUSH JHALANI .	8
10	PIET/CIV/13/055	PRAKHAR HAZRATI .	10
11	PIET/CIV/13/057	PRASHANT AGRAWAL .	7
12	PIET/CIV/13/058	PRATIK SHARMA .	9
13	PIET/CIV/13/137	PULKIT AGRAWAL .	8
14	PIET/CIV/13/059	PUNIT SHARMA .	8
15	PIET/CIV/13/515	RAHUL AHUJA	8
16	PIET/CIV/13/046	NAMRATA GOYAL .	8
17	PIET/CIV/13/511	NARESH KUMAR SAINI .	10
18	PIET/CIV/13/512	NAVAL SINGH LODHA	10
19	PIET/CIV/13/048	NAVEEN KUMAR MEENA (KLM)	9
20	PIET/CIV/13/513	NAVEEN KUMAR MEENA (SRM)	10
21	PIET/CIV/13/136	NEELES KUMAR TANWAR .	10

