

WORKSHOP CUM COMPETITION

on

CAD ARENA

In Collaboration With

IEEE Student Branch GEC,

Ajmer

Submitted by:

CETPA INFOTECH PVT.LTD.

(An ISO 9001:2008 Certified Company)

“We believe in quality because knowledge matters”

CETPA

Because Knowledge Matters

ISO 9001: 2008 Certified

A Professional Workshop on AUTO CAD**KEY BENEFITS:**

- ✓ CETPA will provide **Project & Technology assistance** to the college & Workshop Participants for **one year**.
- ✓ Demo of **AUTO CAD Software** along with various Tools for the First time in any Educational Institute.
- ✓ The students will get an opportunity to learn and interact with **Dedicated and Experienced Experts** of the Organization.
- ✓ The sessions will be **“INTERACTIVE”**; it will be learning with fun experience including various **live demo and presentations**.
- ✓ Being **ISO 9001:2008 certified** and an Organization indulged into **Software & Electronic Products Development & Research**, **CETPA Certification** is emphatically **recognized** among the industry.

TOPICS THAT WILL BE COVERED**SESSION 1:****INTRODUCTION TO AUTOCAD**

- ❖ CONCEPT OF DESIGN
- ❖ CAD/CAM/CAE
- ❖ HISTORY OF AUTOCAD
- ❖ APPLICATIONS AND SCOPE OF AUTOCAD

SESSION 2:**GETTING STARTED**

- ❖ STARTING A NEW DRAWING
- ❖ THE SCREEN LAYOUT
- ❖ COMMAND LINE & USING THE KEYBOARD
- ❖ OPENING AN EXISTING DRAWING

BASIC DRAWING AND EDITING

- ❖ DRAWING LINES, RECTANGLES & CIRCLES

- ❖ ERASING OBJECTS
- ❖ USING DIRECT DISTANCE ENTRY & POLAR TRACKING
- ❖ DRAWING WITH GRID & SNAP
- ❖ VIEWING YOUR DRAWING

SESSION 3:**DRAWING PRECISION**

- ❖ USING OBJECT SNAP & OBJECT SNAP OVERRIDES
- ❖ POLAR TRACKING SUMMARY

CHANGING YOUR DRAWINGS

- ❖ SELECTING OBJECTS FOR EDITING
- ❖ MOVING & COPYING OBJECTS
- ❖ ROTATING & SCALING OBJECTS

SESSION 4:**COMPETITION & QUERY SESSION**

- ❖ COMPETITION BASED ON CONTENTS OF WORKSHOP
- ❖ Q & A SESSION
- ❖ STUDENTS DOUBT CLEARANCE SESSION
- ❖ CAREERS IN AUTOMATION

SESSION 5:**AWARDS & CERTIFICATE DISTRIBUTION**

- ❖ AWARDS & CERTIFICATES OF HONOUR TO WINNERS.
- ❖ CERTIFICATES OF HONOR TO SELECTED PARTICIPANTS.
- ❖ CERTIFICATES OF PARTICIPATION TO ALL PARTICIPANTS.
- ❖ CERTIFICATE OF APPRECIATION TO CO-ORDINATORS.

DETAILS OF THE PROGRAM**Duration:**

- ❖ 1 Days Workshop
- ❖ 5 hours a day with 1 hour break during the whole day.

Salient Features:

- ❖ **Event of AUTO CAD Competition at the last session.**
- ❖ **Certificate of participation to all participants.**
- ❖ **Certificate of Honour & Trophy to Winners.**

Eligible Participants:

- ❖ All Engineering, Science, M.BA or PhD students and hobbyist of Engineering & Mathematics can attend the workshop, as AUTO CAD has become the backbone of all the industries today.

Workshop Handouts:

- ❖ A Workshop Notepad to all participants.
- ❖ Soft Copy of Handouts and other related study material to participants

NOTE: - The certificates will be provided by CETPA Corporate Office, Noida and will be completely authenticated by CETPA InfoTech Pvt. Ltd. for future reference. The participants will get regular updates on AUTO CAD Technology through E-mails.

Benefits for the Participating Students

- ❖ Student will be provided **software & handouts** discussed in the Workshop.
- ❖ Workshop participants will get **heavy discount** on our **training programs** and other **Professional Workshops** valid for one year.
- ❖ **Q&A Sessions** of participants for doubt clearance leading to better subject knowledge.
- ❖ **Competitions** will be held to spot out **budding talents** during the workshop and will be **awarded**.
- ❖ **Career guidance** will be provided during the program on and life in Engineering industry - an answer of **Engineering students** most generalized **dilemma**, what to do after B.Tech?

Requirements for Running the Workshop Program at the College Campus

- ❖ Seminar Room/Class Room equipped with the LCD Projector or OHP Projector.
- ❖ Good quality public address system, ideally two cordless mikes will be required.
- ❖ Projector /screen along with black/white board for teaching and presentation purpose.
- ❖ One small stereo jack cord to connect in laptop for its sound system.
- ❖ Computer Lab of 150 Nodes.(Actual figure depends on No. of Students and the fields selected)
- ❖ Timing of the workshop will be decided after proper discussion with College Administration.