



# PRAKASAM ENGINEERING COLLEGE

0.V. Road, Kandukur, Prakasam Dist., A.P., Tel : 08598 222288, 221300

APPROVED BY AICTE, NEW DELHI | AFFILIATED TO JNTU, KAKINADA, UNDER AMMA EDUCATION SOCIETY

Department of Civil Engineering

To  
The Principal,  
Prakasam Engineering College,  
kandukur.

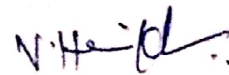
23/09/2017  
KANDUKUR

Sir,

Sub: Request for conducting a certification course on "AUTO CAD"-Reg.

This is to bring to your kind notice that, we would like to organize a Certification Course program on "AUTO CAD"- scheduled on 28<sup>th</sup> Sep 2017 to 10<sup>th</sup> Oct 2017. We are happy to inform you for conducting this program .which is useful for the students of II B.Tech Students.

Thanking you Sir,

  
Yours sincerely

HOD-CE

Head of the Department  
Department of  
CIVIL ENGINEERING  
PRAKASAM ENGINEERING COLLEGE  
0.V. Road, KANDUKUR-523 105  
PRAKASAM DT, A.P.

*Approved*  
  
PRINCIPAL  
PRAKASAM ENGINEERING COLLEGE  
KANIGIRI ROAD  
KANDUKUR-523 105.  
Prakasam Dist, A.P.



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APPROVED BY AICTE, NEW DELHI | AFFILIATED TO JNTU, KAKINADA, UNDER AMMA EDUCATION SOCIETY

Department of Civil Engineering

Kandukur,

25/09/2017.

To  
The Head of the Department,  
Civil Engineering,  
Prakasam Engg College of Engineering,  
Kandukur.

**Sub: Approval for conducting Certificate Course-Reg.**

Sir,

As per your request to conduct a Certificate Course on "AUTO CAD " for a duration of 2 weeks from 28<sup>th</sup> Sep 2017 to 10<sup>th</sup> Oct 2017 in CAD Lab is accepted and you are advised to take necessary steps to make the event successful.

Thanking you,

PRINCIPAL

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PRAKASAM ENGINEERING COLLEGE  
KANIGIRI ROAD  
KANDUKUR-523 105.  
Prakasam Dist, A.P.



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Department of Civil Engineering

Date: 26/09/2017

## CIRCULAR

All the II B.Tech students are here by informed that our department is going to conduct 14 Days training program from 28<sup>th</sup> Sep 2017 to 10<sup>th</sup> Oct 2017 on "AUTO CAD" interested students can enrol their names in the department on or before 027-10-2017.

HOD-CE

Head of the Departement  
Department of  
CIVIL ENGINEERING  
PRAKASAM ENGINEERING COLLEGE  
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PRAKASAM DT. A.P.



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Department of Civil Engineering

## ENROLLE CANDIDATS

S.NO.	ROLL NO	NAME OF THE STUDENT
1	16F91A0101	ANUPAMA.CH
2	16F91A0102	ASHOK KUMAR.B
3	16F91A0103	BHAVANI.N
4	16F91A0104	BRAHMAIAH.G
5	16F91A0105	CHENNARAO.E
6	16F91A0106	DAVID.U
7	16F91A0107	GANESH.G
8	16F91A0108	GANGADHAR.G
9	16F91A0109	GUNTURVALI.SK
10	16F91A0110	KAMALA.N
11	16F91A0111	KATAM RAJU. G
12	16F91A0112	KAVITHA.P
13	16F91A0113	LAKSHMAIAH.M
14	16F91A0114	MADHU.P
15	16F91A0115	MAHABOOB BASHA.SK
16	16F91A0116	MAHENDRA.L
17	16F91A0117	MAHESH BABU.K
18	16F91A0118	MAHESH. D
19	16F91A0119	MALYADRI.CH
20	16F91A0120	MANI KUMAR.G
21	16F91A0121	MANOJ.CH
22	16F91A0122	MRUDULA. M
23	16F91A0123	MURALI KRISHNA.CH
24	16F91A0124	NAVEEN KUMAR.V
25	16F91A0125	PRASOONA RAJYA LAKSHMI.I
26	16F91A0126	RASOOL.SK
27	16F91A0127	SAI PAVANI.CH
28	16F91A0128	S S RAMAKRISHNA PRASAD.R
29	16F91A0129	SISINDRA REDDY. M
30	16F91A0130	SIVA KRISHNA.A
31	16F91A0131	SONY.K
32	16F91A0132	SRIDHAR REDDY.M
33	16F91A0133	SRIKANTH.Y
34	16F91A0134	SWATHI.T
35	16F91A0135	UMAMAHESH. K
36	16F91A0136	VEERANARAYANA.R
37	16F91A0137	VENKARESH.N
38	16F91A0138	VENKATA NARAYANA.M
39	16F91A0139	VENKATA RAO. A
40	16F91A0140	VENKATA RAO. J
41	16F91A0141	VENKATA SAI JYOTHI.K
42	16F91A0142	VENKATA SAI SUNIL.M
43	16F91A0143	VIDYA SAGAR.CH
44	16F91A0144	VINOD.A

V.P. Head of the Department  
Department of  
CIVIL ENGINEERING  
PRAKASAM ENGINEERING COLLEGE  
O.V. Road, KANDUKUR-523 105  
PRAKASAM DT. A.P.



# Crest Survey & Mapping Solutions

## Certificate

We The Undersigned award this certificate to  
Mr./Mrs./Ms. E. CHINNARAO

Roll. No 16F91A0105

on successful completion of AUTO CAD

From 28-SEP-2017 to 10-OCT-2017

*During the period He / She attended the course regularly  
and keenly participated in the activities of the course  
including practicals*



*Incharge*  
PRINCIPAL ·  
PRAKASAM ENGINEERING COLLEGE  
KANIGIRI ROAD  
KANDUKUR-523 105.  
Prakasam Dist. A.P.

SEAL

*[Signature]*  
Managing Director  
Crest Survey & Mapping Solutions



# Crest Survey & Mapping Solutions

## Certificate

We The Undersigned award this certificate to  
*Mr./Mrs./Ms.* G.BRAHMAIAH  
*Roll No* 16F91A0104  
*on successful completion of* AUTO CAD  
*From* 28-SEP-2017 *to* 10-OCT-2017

*During the period He / She attended the course regularly  
and keenly participated in the activities of the course  
including practicals*



*Incharge*  
**PRINCIPAL**  
PRAKASAM ENGINEERING COLLEGE  
KANIGIRI ROAD  
KANDUKUR-523 105,  
Prakasam Dist, A.P.

SEAL

*[Signature]*  
**Managing Director**  
Crest Survey & Mapping Solutions



# Crest Survey & Mapping Solutions

## Certificate

We The Undersigned award this certificate to

Mz./Mrs./Ms. N. BHAVANI

Roll. No 16F91AO103

on successful completion of AUTO CAD

From 28-SEP-2017 to 10-OCT-2017

*During the period He / She attended the course regularly  
and keenly participated in the activities of the course  
including practicals*



*[Signature]*  
In Charge  
PRINCIPAL  
PRAKASAM ENGINEERING COLLEGE  
KANIGIRI ROAD  
KANDUKUR-523 105,  
Prakasam Dist. A.P.

SEAL

*[Signature]*  
Managing Director  
Crest Survey & Mapping Solutions



# Crest Survey & Mapping Solutions

## Certificate

We The Undersigned award this certificate to  
*Mr./Mrs./Ms.* CH. ANUPAMA  
*Roll. No* 16F91A0101  
*on successful completion of* AUTO CAD  
*From* 28-SEP-2017 *to* 10-OCT-2017

*During the period He / She attended the course regularly  
and keenly participated in the activities of the course  
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*Incharge*  
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Prakasam Dist. A.P.

SEAL

*[Signature]*  
Managing Director  
Crest Survey & Mapping Solutions





# Crest Survey & Mapping Solutions

## Certificate

*We The Undersigned award this certificate to*

*Mr./Mrs./Ms.* B. ASHOK KUMAR

*Roll. No.* 16F91A0102

*on successful completion of* AUTO CAD

*From* 28-SEP-2017 *to* 10-OCT-2017

*During the period He / She attended the course regularly  
and keenly participated in the activities of the course  
including practicals*



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SEAL

*Managing Director*  
Crest Survey & Mapping Solutions

# PRAKASAM ENGINEERING COLLEGE

(Affiliated to JNTUK KAKINADA and Approved by AICTE, New Delhi)

KANDUKUR

## DEPARTMENT OF CIVIL ENGINEERING

### PROGRAM SHEET FOR " AUTO CAD" CERTIFICATION COURSE

S.No	TOPICS TO BE COVERED
1	<b>Introduction</b>
	<b>Getting Started with AutoCAD</b>
a	a)Starting the Software
b	b)User Interface
c	c)Working with Commands
d	d)Cartesian Workspace
e	e)Opening an Existing Drawing File
f	f)Viewing Your Drawing
g	g)Saving Your Work
2	<b>Basic Drawing &amp; Editing Commands</b>
a	Drawing Lines
b	Erasing Objects
c	Drawing Lines with Polar Tracking
d	Drawing Rectangles
e	Drawing Circles
f	Undo and Redo Actions
3	<b>Projects- Creating a Simple Drawing</b>
a	Create a Simple Drawing
b	Create Simple Shapes
4	<b>Drawing Precision in AutoCAD</b>
a	Using Running Object Snaps
b	Using Object Snap Overrides
c	Polar Tracking at Angles
d	Object Snap Tracking
e	Drawing with Snap and Grid (Optional)
5	<b>Making Changes in Your Drawing</b>
a	Selecting Objects for Editing
b	Moving Objects
c	Copying Objects
d	Rotating Objects
e	Scaling Objects
f	Mirroring Objects
g	Editing with Grips
6	<b>Projects- Making Your Drawings More Precise</b>
a	Schematic Project: Electronics Diagram
b	Architectural Project: Landscape
c	Mechanical Project (with Polar & Tracking)
d	Mechanical Project: Surge Protector
e	Mechanical Project: Satellite
7	<b>Organizing your Drawing with Layers</b>
a	Creating New Drawings with Templates
b	What are Layers

c	Layer States
d	Changing an Object's Layer
<b>8</b>	<b>Advanced Object Type</b>
a	Drawing Arcs
b	Drawing Polylines
c	Editing Polylines
d	Drawing Polygons
e	Drawing Ellipses
9	Getting Information from Your Drawing
a	Working with object Properties
b	Measuring Objects
<b>10</b>	<b>Projects - Drawing Organization &amp; Information</b>
a	Architectural Project
b	Mechanical Project
c	Civil Project
<b>11</b>	<b>Advanced Editing Commands</b>
a	Trimming and Extending Objects
b	Sketching Objects
c	Creating Fillets and Chamfers
d	Offsetting Objects
e	Creating Arrays of Objects
<b>12</b>	<b>Inserting Blocks</b>
a	What are Blocks?
b	Inserting Blocks
c	Working with Dynamic Blocks
d	Inserting Blocks with DesignCenter
e	Inserting Blocks with Content Explorer
<b>13</b>	<b>Projects- Creating More Complex Objects</b>
a	Mechanical Project 1- Plate
b	Mechanical Project 2- Gasket
c	Mechanical Project 3- Plate
d	Mechanical Project 4- Rocker Arm
e	Architectural Project 1- Floor Plan
f	Architectural Project 2- Floor Plan
g	Civil Project- Parking Lot