



# PRAKASAM ENGINEERING COLLEGE

O.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

Kandukur,  
01/10/2014.

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 5<sup>th</sup> Oct 2014 to 13<sup>th</sup> Oct 2014 in CAD Lab is accepted and you are advised to take necessary steps to make the event successful.

Thanking you,

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



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Department of Civil Engineering

To  
The Principal,  
Prakasam Engineering College,  
Kandukur.

25-09-14  
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 5<sup>th</sup> Oct 2014 to 13<sup>th</sup> Oct 2014. 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

*B. Srinivas*  
HOD-CE

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

*Approved*

*[Signature]*  
PRINCIPAL  
PRAKASAM ENGINEERING COLLEGE  
KANIGIRI ROAD  
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Department of Civil Engineering

Date: 2-10-2014

## CIRCULAR

All the II B.Tech students are here by informed that our department is going to conduct 14 Days training program from 5<sup>th</sup> Oct 2014 to 13<sup>th</sup> Oct 2014 on "AUTO CAD" interested students can enrol their names in the department on or before 04-10-2014.

*B. Shankar*  
HOD-CE

Head of the Departement  
Department of  
CIVIL ENGINEERING  
PRAKASAM ENGINEERING COLLEGE  
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Department of Civil Engineering

## ENROLLED CANDIDATS

S NO	ROLLNO	NAME
1	13F91A0101	ABHILASH.M
2	13F91A0102	ADEIAH.P
3	13F91A0103	VENKATA MANOJ.B
4	13F91A0104	BHANU PRAKASH REDDY.K
5	13F91A0105	BINDU.K
6	13F91A0106	CHANDANA.P
7	13F91A0107	DANIYELU.S
8	13F91A0108	DATHATREYA.K
9	13F91A0109	DEVID RAJU.D
10	13F91A0110	GOPI KRISHNA.G
11	13F91A0111	KONDALA RAO.K
12	13F91A0112	KOTAIAH.L
13	13F91A0113	LAKSHMI PRASANTHI.K
14	13F91A0114	MAHENDRABABU.K
15	13F91A0115	MAHESH.K
16	13F91A0116	MANI KANTHA.G
17	13F91A0117	MASTHANVALI.SK
18	13F91A0118	NAVEEN.K
19	13F91A0119	NAVYA SRI.K
20	13F91A0120	NAZMA.SK
21	13F91A0121	NIKHIL.R
22	13F91A0122	PAVAN KUMAR.B
23	13F91A0123	PAVAN KUMAR REDDY.D
24	13F91A0124	PAVANKUMAR.P
25	13F91A0125	POLI REDDY.T
26	13F91A0126	PRADEEP KUMAR.K
27	13F91A0127	PRASAD.M
28	13F91A0128	PRASANNA KUMAR REDDY.G
29	13F91A0130	RAKESH.N
30	13F91A0131	RUTHVIK CHOWDARY.A
31	13F91A0132	SAI KUMAR.S
32	13F91A0133	SAIDULU.D
33	13F91A0134	SALMA BEGUM.SK
34	13F91A0135	SAMBASIVA RAO.M
35	13F91A0136	SANDEEP.P
36	13F91A0137	SESHA RAO.K
37	13F91A0138	SIVAKUMAR.D
38	13F91A0139	SIVAMUKKANTIVENKATESWARLU.V
39	13F91A0140	SREEKANTH.D
40	13F91A0141	SREERAM.G
41	13F91A0142	SRIDEEPHY.S

42	13F91A0143	SRIKANTH.B
43	13F91A0144	SRIKANTH.K
44	13F91A0145	SRINIVASULU.K
45	13F91A0146	SURESH.T
46	13F91A0147	SUSMITHA.B
47	13F91A0148	SWETHA SRI.G
48	13F91A0149	VAMSI KRISHNA.K
49	13F91A0150	VEERA VASANTHA RAYUDU.N
50	13F91A0151	VENKATA MANIKANTA.V
51	13F91A0152	VENKATA RAVICHANDRA.B
52	13F91A0153	VENKATA SIVA BRAHMAM.K
53	13F91A0154	VENKATASUBBAIAH.Y
54	13F91A0155	VENKATESWARA RAO.K
55	13F91A0156	VENKATESWARLU.V
56	13F91A0157	VIRAT BABU SUGAMANCHI
57	13F91A0158	VYSHNAVI CHALLA
58	13F91A0159	YESWANTH CHOWDARY.S
59	14F95A0101	SRIKANTH REDDY. K
60	13F31A0127	SIREESHA. A

*B. Suresh*  
HOD - CE

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. ABHILASH.M

Roll. No. 13F91A0101

on successful completion of AUTO CAD

From 05/10/2014 to 13/10/2014

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



Incharge  
PRINCIPAL  
FRAKASAM 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. K. BHANU PRAKASH

Roll. No 13F9A0104

on successful completion of AUTO CAD

From 05/10/2014 to 13/10/2014

*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.* B. VENKATA MANOJ  
*Roll No* 13F91AO103  
*on successful completion of* AUTO CAD  
*From* 05/10/2014 *to* 13/10/2014

*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. P. ADEIAH

Roll No. 13F91A0102

on successful completion of AUTO CAD

From 05/10/2014 to 13/10/2014

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  
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KANDUKUR-523 105,  
Prakasam Dist, A.P.

SEAL

*[Signature]*  
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	Introduction
	<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