



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
(An UGC Autonomous Institution, Affiliated to JNTUH, Hyderabad Accredited 2nd time by NAAC
with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP-II S.C. 1.1)
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,
Telangana State – 500100
www.mrec.ac.in

Department of Mechanical Engineering


CIRCULAR

Date: 26/01/2016

All the students are hereby informed that Value Added Course on “**AUTO CAD**” on date **01-2-2016 to 6-2-2016**, is being organized by the mechanical engineering department. The resource person for the course is “.Srinivasa Prasad B, Prof. P.V. Vinay”.

Students are advised to register their names to the programme coordinator “**Mrs.Varalakshmi**”, on or before 29/01/2016 and utilize this opportunity to enhance their skills by attending the programme.

The detailed schedule of the programme will be displayed in the notice board.


Head of the Department

Copy to:

- 1) Circulation in Students classroom
- 2) All HOD's
- 3) Notice Boards
- 4) PA to principal for filing.




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MALLA REDDY ENGINEERING COLLEGE

(AUTONOMOUS)

(SPONSORED BY CMR EDUCATIONAL SOCIETY)

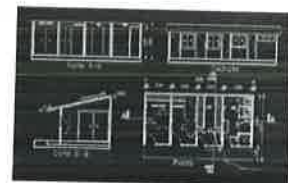
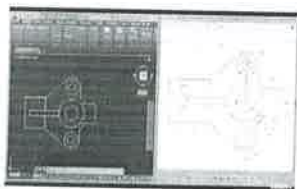
Maisammaguda, Dhulapally, (Post Via Kompally), Secunderabad – 500 100.

Value Added Course “ **Auto Cad**” organized
by the Department Of Mechanical Engineering on
Feb 1st 2016



Topics Covered

- Auto CAD tools and Sketch entity
- Geometry & Dimensional Constraints
- Drafting Settings
- Surface Creation & Modification tools



Organizing committee

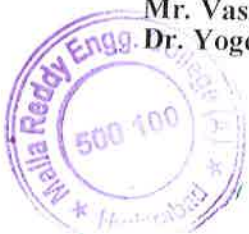
Mr. N.Srinivasa Rajneesh Assoc. Prof., ME
Mr. K.Srinivasa Rao Assoc. Prof., ME.
Mr. Vasili.Srinivas Assoc. Prof., ME
Dr. Yogesh Madaria, Assoc. Prof., ME

Resource persons

Mr.Srinivasa Prasad B
Dr. P.V. Vinay

Principal

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Maisammaguda (H), Medchal-Malkajgiri District, Telangana State –
 500100

DEPARTMENT OF MECHANICAL ENGINEERING

Value Added Course
 on
 “AutoCAD”
 01 – 06, Feb 2016
 Programme Schedule

Date	Time	Topic	Resource Person
01-02-2016	10:10 – 11:00AM	Getting Started with AutoCAD Opening and Creating Drawings Exploring the AutoCAD interface Zooming and Panning	Dr. Aerramsetty Srinivas
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	: Basic Drawing & Editing Commands Using the Mouse, Keyboard, and Enter Key to work quickly and efficiently in AutoCAD Lines Circles Rectangles	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	absolute coordinate system relative coordinate system	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Line command Poly line command Rectangle command	
02-02-2016	9:30 – 11:00AM	Move ,Rotate, Scale, copy, Mirror, erase, trim, extend	Dr. Aerramsetty Srinivas
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Linear, Aligned, Radius Angular, Arc length	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Single line text Multiline text Layer properties Insert blocks	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Geometric, Dimensional Manage	
	9:30 – 11:00AM	Isometric top, left, right Isometric diagrams	
	11:00 -11:15AM	Tea Break	



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03-02-2016	11.15 – 12:45 PM	Isometric diagrams exercise	Dr. Aerramsetty Srinivas
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Drawing units Sheet settings	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Drawing Arcs Drawing Rectangles Drawing Ellipses Drawing Regular Polygon	
04-02-2016	9:30 – 11.00AM	Drawing Polylines Placing Points Drawing Infinite Lines Writing a Single Line Text	Dr. Aerramsetty Srinivas
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Understanding the Concept and use of LAYERS Advantages of Using Layers Working with Layers Creating New Layers Making a Layer Current Controlling the Display of Layers Deleting Layers	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Object Properties Changing the Colour Changing the Line type Changing the Line weight Changing the Plot Style Properties Palette Quick Properties Palette	
	2:30 – 2:45PM	Tea Break	
05-02-2016	9:30 – 11.00AM	Drawing Straight Lines using the Ortho Mode Working with Object Snaps Auto Snap Endpoint Midpoint Nearest Centre	Dr. Akant Kumar Singh
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Editing Sketches Moving the Sketched Objects Copying the Sketched Objects Creating Multiple Copies	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Creating a Single Copy Offsetting Sketched Objects Rotating Sketched Objects Scaling the Sketched Objects Filleting the Sketches	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Chamfering the Sketches Trimming the Sketched Objects Extending the Sketched Objects Stretching the Sketched Objects Lengthening the Sketched Objects	
	9:30 – 11.00AM	Need for Dimensioning Dimensioning in	



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06-02-2016		AutoCAD Fundamental Dimensioning Terms Dimension Line	Dr. Akant Kumar Singh
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Creating Linear Dimensions DIMLINEAR Command Options Creating Aligned Dimensions Creating Arc Length Dimensions	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Creating Rotated Dimensions Creating Baseline Dimensions Creating Continued Dimensions Creating Angular Dimensions	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Angular Dimensioning based on Three Points Creating Diameter Dimensions Creating Radius Dimensions	


Coordinator


HOD


Principal

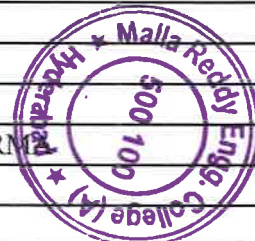



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DEPARTMENT OF MECHANICAL ENGINEERING

S.NO	Roll No	Name of the students	Details of value added courses	Duration
1	14J41A0301	ABHIJEETH BARMAN	Autocad	01/02/2016-06/02/2016
2	14J41A0302	ALIGE SURESH KUMAR	Autocad	01/02/2016-06/02/2016
3	14J41A0303	ANANYA ABHILASHA	Autocad	01/02/2016-06/02/2016
4	14J41A0304	B VENU	Autocad	01/02/2016-06/02/2016
5	14J41A0305	BADAVATH ANIL KUMAR	Autocad	01/02/2016-06/02/2016
6	14J41A0306	BANOLELA WILBERT	Autocad	01/02/2016-06/02/2016
7	14J41A0307	BANOTH SUNIL KUMAR	Autocad	01/02/2016-06/02/2016
8	14J41A0308	BOOTHUPUR PRATHIK RAJ PARSARAJ	Autocad	01/02/2016-06/02/2016
9	14J41A0309	CHAKALI ADIMURTHY	Autocad	01/02/2016-06/02/2016
10	14J41A0310	CHIGULLA NAVEEN	Autocad	01/02/2016-06/02/2016
11	14J41A0311	CHINTHAGINJALA HRUDAY ANAND	Autocad	01/02/2016-06/02/2016
12	14J41A0312	CHUKKA RAMANA	Autocad	01/02/2016-06/02/2016
13	14J41A0313	D RAMA KRISHNA	Autocad	01/02/2016-06/02/2016
14	14J41A0314	DANDU SRIKANTH REDDY	Autocad	01/02/2016-06/02/2016
15	14J41A0315	DOKURI ANJI REDDY	Autocad	01/02/2016-06/02/2016
16	14J41A0316	ENAKONDA SINDHU PRIYA	Autocad	01/02/2016-06/02/2016
17	14J41A0317	G LEELA KRISHNA	Autocad	01/02/2016-06/02/2016
18	14J41A0318	G PHANINDRA KUMAR	Autocad	01/02/2016-06/02/2016
19	14J41A0319	G SANDEEP	Autocad	01/02/2016-06/02/2016
20	14J41A0320	G SHIVA MALLAREDDY	Autocad	01/02/2016-06/02/2016
21	14J41A0321	G VISHAL	Autocad	01/02/2016-06/02/2016
22	14J41A0322	GAJJI PREM KUMAR	Autocad	01/02/2016-06/02/2016
23	14J41A0323	GUDURU SAI KARTHIK VARMA	Autocad	01/02/2016-06/02/2016
24	14J41A0324	GUDURU UPENDRA	Autocad	01/02/2016-06/02/2016
25	14J41A0325	J PRANAY	Autocad	01/02/2016-06/02/2016
26	14J41A0326	JELLA ANKITHA	Autocad	01/02/2016-06/02/2016
27	14J41A0327	K MANOJ KUMAR	Autocad	01/02/2016-06/02/2016



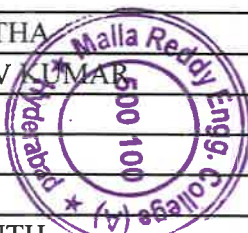
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28	14J41A0328	KETHAPALLY REVANTH REDDY	Autocad	01/02/2016-06/02/2016
29	14J41A0329	KOLA PRUDHVI	Autocad	01/02/2016-06/02/2016
30	14J41A0330	KOMMARAJU SHEKAR	Autocad	01/02/2016-06/02/2016
31	14J41A0331	KORMANI HARISH	Autocad	01/02/2016-06/02/2016
32	14J41A0332	KOTA AKSHITH	Autocad	01/02/2016-06/02/2016
33	14J41A0333	KOTHAKAPU KRISHNA PRASAD	Autocad	01/02/2016-06/02/2016
34	14J41A0334	KOTHAPALLY SALMA	Autocad	01/02/2016-06/02/2016
35	14J41A0335	M CHETAN KUMAR GOUD	Autocad	01/02/2016-06/02/2016
36	14J41A0336	M VENKATA VINOD KUMAR	Autocad	01/02/2016-06/02/2016
37	14J41A0337	MANGOLU VINOD	Autocad	01/02/2016-06/02/2016
38	14J41A0338	MOHD GULAM DASTAGIR	Autocad	01/02/2016-06/02/2016
39	14J41A0339	MOHD SHAIBAZUDDIN	Autocad	01/02/2016-06/02/2016
40	14J41A0340	MUPPATHIKA SAHAN	Autocad	01/02/2016-06/02/2016
41	14J41A0341	MUPPIDI RAMANA KUMAR REDDY	Autocad	01/02/2016-06/02/2016
42	14J41A0342	N VINOD KUMAR	Autocad	01/02/2016-06/02/2016
43	14J41A0343	NAKKA RAJESH	Autocad	01/02/2016-06/02/2016
44	14J41A0344	NALLANA MAHESH	Autocad	01/02/2016-06/02/2016
45	14J41A0345	NARAHARISSETTI SRILATHA	Autocad	01/02/2016-06/02/2016
46	14J41A0346	NEERATI PRAVEEN KUMAR	Autocad	01/02/2016-06/02/2016
47	14J41A0347	PANDUGA VENKATAMANOJKUMAR	Autocad	01/02/2016-06/02/2016
48	14J41A0348	PAPPULA RAVI TEJA	Autocad	01/02/2016-06/02/2016
49	14J41A0349	PUSAM LAXMAN PRAKASH	Autocad	01/02/2016-06/02/2016
50	14J41A0350	PUTTA RAJU GOUD	Autocad	01/02/2016-06/02/2016
51	14J41A0351	PUVEENA AKSHAY RAJ	Autocad	01/02/2016-06/02/2016
52	14J41A0352	S SAI GOPAL	Autocad	01/02/2016-06/02/2016
53	14J41A0353	SHAIK B S BABA	Autocad	01/02/2016-06/02/2016
54	14J41A0354	SUREDDY DIKSHITH	Autocad	01/02/2016-06/02/2016
55	14J41A0355	SYED AFTAB	Autocad	01/02/2016-06/02/2016
56	14J41A0356	T MAHESH	Autocad	01/02/2016-06/02/2016
57	14J41A0357	U NAVEEN	Autocad	01/02/2016-06/02/2016
58	14J41A0358	V CHINNA VENKATESHW	Autocad	01/02/2016-06/02/2016
59	14J41A0359	VEERAGONI ASHISH	Autocad	01/02/2016-06/02/2016
60	14J41A0360	VUMMADI HARIKA	Autocad	01/02/2016-06/02/2016
61	14J41A0361	AKASH DEY	Autocad	01/02/2016-06/02/2016
62	14J41A0362	ALLAM SHIVA KUMAR	Autocad	01/02/2016-06/02/2016
63	14J41A0363	ANGAD KAVETI	Autocad	01/02/2016-06/02/2016



Kavesh
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100	14J41A03A0	MOHAMMED ABDUL FAIZ	Autocad	01/02/2016-06/02/2016
101	14J41A03A1	MOHD ABDUL WASEEM	Autocad	01/02/2016-06/02/2016
102	14J41A03A2	MOHD IMRAN KHAN	Autocad	01/02/2016-06/02/2016
103	14J41A03A3	MUNIGANTI RAKESH	Autocad	01/02/2016-06/02/2016
104	14J41A03A4	NARAPU HARISH	Autocad	01/02/2016-06/02/2016
105	14J41A03A5	NATHI PRAVEEN	Autocad	01/02/2016-06/02/2016
106	14J41A03A6	P ANUP SAI KRISHNA	Autocad	01/02/2016-06/02/2016
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110	14J41A03B0	RAHUL RAVI	Autocad	01/02/2016-06/02/2016
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113	14J41A03B3	SRINATH ROWLO	Autocad	01/02/2016-06/02/2016
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134	14J41A03D4	DANDE CHANDRA KANTH	Autocad	01/02/2016-06/02/2016
135	14J41A03D5	DHIRENDER KUMAR PANDEY	Autocad	01/02/2016-06/02/2016



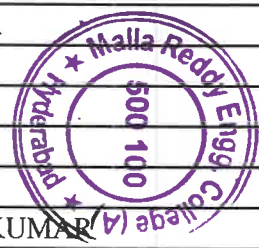
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155	14J41A03F5	MACHERLA BABU RAO	Autocad	01/02/2016-06/02/2016
156	14J41A03F6	MIHEER JAIN	Autocad	01/02/2016-06/02/2016
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165	14J41A03G5	PADALA RAJESHKUMAR	Autocad	01/02/2016-06/02/2016
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167	14J41A03G7	PALAKONDA NANDITH KUMAR	Autocad	01/02/2016-06/02/2016
168	14J41A03G8	PASUPULETI SHIVAJI	Autocad	01/02/2016-06/02/2016
169	14J41A03G9	PEDDI SRICHARAN REDDY	Autocad	01/02/2016-06/02/2016
170	14J41A03H0	PERAM PRANAY KUMAR	Autocad	01/02/2016-06/02/2016
171	14J41A03H1	PERLA NAVEEN	Autocad	01/02/2016-06/02/2016



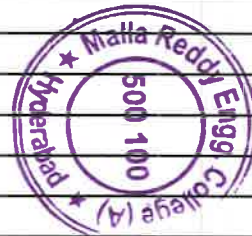
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172	14J41A03H2	POREDDY GNANESHWAR REDDY	Autocad	01/02/2016-06/02/2016
173	14J41A03H3	RAVULA TARAK	Autocad	01/02/2016-06/02/2016
174	14J41A03H4	S ABHISHEK	Autocad	01/02/2016-06/02/2016
175	14J41A03H5	S NARSHIMHA SHENOY	Autocad	01/02/2016-06/02/2016
176	14J41A03H6	SANGANI VENKATESWARLU	Autocad	01/02/2016-06/02/2016
177	14J41A03H7	SHAIK MUNAVAR MUSTAFA	Autocad	01/02/2016-06/02/2016
178	14J41A03H8	SIRAGALLA SIDDAIAH	Autocad	01/02/2016-06/02/2016
179	14J41A03H9	T RAKSHITH	Autocad	01/02/2016-06/02/2016
180	14J41A03J0	YAMBARI PRADEEP YADAV	Autocad	01/02/2016-06/02/2016
181	14J41A03J1	ASISH KUMAR	Autocad	01/02/2016-06/02/2016
182	14J41A03J2	B VAMSHI KRISHNA	Autocad	01/02/2016-06/02/2016
183	14J41A03J3	B VIJAY NITHIN REDDY	Autocad	01/02/2016-06/02/2016
184	14J41A03J4	BANDI SRAVAN KUMAR	Autocad	01/02/2016-06/02/2016
185	14J41A03J5	BANOTH SRIKANTH	Autocad	01/02/2016-06/02/2016
186	14J41A03J6	BARPAT ANURAG	Autocad	01/02/2016-06/02/2016
187	14J41A03J7	BHUKYA SAINAIK	Autocad	01/02/2016-06/02/2016
188	14J41A03J8	BUSA KRISHNA VAMSHI	Autocad	01/02/2016-06/02/2016
189	14J41A03J9	G ADHINATH	Autocad	01/02/2016-06/02/2016
190	14J41A03K0	CH VAMSHI KRISHNA	Autocad	01/02/2016-06/02/2016
191	14J41A03K1	CHALLA AKASH	Autocad	01/02/2016-06/02/2016
192	14J41A03K2	CHENNABATHINI PRAKASH	Autocad	01/02/2016-06/02/2016
193	14J41A03K3	CHERMANI AKHIL KUMAR	Autocad	01/02/2016-06/02/2016
194	14J41A03K4	CHERUKULA ANAND	Autocad	01/02/2016-06/02/2016
195	14J41A03K5	CHETAN SHARMA	Autocad	01/02/2016-06/02/2016
196	14J41A03K6	P.PRABHU DEVA	Autocad	01/02/2016-06/02/2016
197	14J41A03K7	CHINNAM AJAY KUMAR	Autocad	01/02/2016-06/02/2016
198	14J41A03K8	DHIGOOJU LAKSHMAN CHARY	Autocad	01/02/2016-06/02/2016
199	14J41A03K9	DIWAN SACHITH SAI CHAND	Autocad	01/02/2016-06/02/2016
200	14J41A03L0	DODDIGARI VAMSHI	Autocad	01/02/2016-06/02/2016
201	14J41A03L1	DUGGIRALA SAHITHI VIDYA	Autocad	01/02/2016-06/02/2016
202	14J41A03L2	G PRASHANTH	Autocad	01/02/2016-06/02/2016
203	14J41A03L3	G PRAVEEN KUMAR	Autocad	01/02/2016-06/02/2016
204	14J41A03L4	GAJJELA BHAVITHA REDDY	Autocad	01/02/2016-06/02/2016
205	14J41A03L5	Gubba Kumar MANISH	Autocad	01/02/2016-06/02/2016
206	14J41A03L6	GUNTUPALLI MANIKANTA KUMAR	Autocad	01/02/2016-06/02/2016
207	14J41A03L7	J AKHIL	Autocad	01/02/2016-06/02/2016



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208	14J41A03L8	J SHIVA PRASAD	Autocad	01/02/2016-06/02/2016
209	14J41A03L9	KALAJKAR VENKATESH	Autocad	01/02/2016-06/02/2016
210	14J41A03M0	KAMMARI NAGENDRA KUMAR	Autocad	01/02/2016-06/02/2016
211	14J41A03M1	KOLLURI JOSHUA	Autocad	01/02/2016-06/02/2016
212	14J41A03M2	KONETI KARTHIK	Autocad	01/02/2016-06/02/2016
213	14J41A03M3	LANKAE MOHAN MURALI	Autocad	01/02/2016-06/02/2016
214	14J41A03M4	M YADIDYA RAO	Autocad	01/02/2016-06/02/2016
215	14J41A03M5	MACHA NAVYA	Autocad	01/02/2016-06/02/2016
216	14J41A03M6	MAHIMA SHUKLA	Autocad	01/02/2016-06/02/2016
217	14J41A03M7	MOHD AZEEM BABA	Autocad	01/02/2016-06/02/2016
218	14J41A03M8	MUDHAM RAKESH	Autocad	01/02/2016-06/02/2016
219	14J41A03M9	MURARISSETTY BHANU NAGA RAMA SAI	Autocad	01/02/2016-06/02/2016
220	14J41A03N0	N NAVEEN KUMAR	Autocad	01/02/2016-06/02/2016
221	14J41A03N1	N R K MANOJ	Autocad	01/02/2016-06/02/2016
222	14J41A03N2	P PRASHANTH	Autocad	01/02/2016-06/02/2016
223	14J41A03N3	P RITCHI JOEL	Autocad	01/02/2016-06/02/2016
224	14J41A03N4	PASALA DEEPAK	Autocad	01/02/2016-06/02/2016
225	14J41A03N5	R ARUN KUMAR	Autocad	01/02/2016-06/02/2016
226	14J41A03N6	R HARI PRASAD RAJU	Autocad	01/02/2016-06/02/2016
227	14J41A03N7	RAYALA DANIBABU	Autocad	01/02/2016-06/02/2016
228	14J41A03N8	RITHIN RAM	Autocad	01/02/2016-06/02/2016
229	14J41A03N9	S NAVEEN KUMAR REDDY	Autocad	01/02/2016-06/02/2016
230	14J41A03P0	S VENKATA SAI PRASAD	Autocad	01/02/2016-06/02/2016
231	14J41A03P1	SARA SAI KIRAN GOUD	Autocad	01/02/2016-06/02/2016
232	14J41A03P2	SARA VAMSHI TEJA	Autocad	01/02/2016-06/02/2016
233	14J41A03P3	SRIKAR KOLA	Autocad	01/02/2016-06/02/2016
234	14J41A03P4	U SHIVA SAI	Autocad	01/02/2016-06/02/2016
235	14J41A03P5	VEERANKI VARUN TEJA	Autocad	01/02/2016-06/02/2016
236	14J41A03P6	VEMULA MADHU	Autocad	01/02/2016-06/02/2016
237	14J41A03P7	K.SAI KRISHNA	Autocad	01/02/2016-06/02/2016
238	14J41A03P8	DHARAVATH SRINIVAS	Autocad	01/02/2016-06/02/2016
239	14J41A03P9	V PREM KUMAR	Autocad	01/02/2016-06/02/2016
240	14J41A03Q0	B. RAM KIRAN	Autocad	01/02/2016-06/02/2016



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Telangana State – 500100

www.mrec.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR: 2015-16

A SUMMARY REPORT

Value added course name: AutoCAD

Value added course Instructor: Srinivasa Prasad B, Prof. P.V. Vinay

The Department of Mechanical Engineering is very glad to inform you that the Value added course on AutoCAD was conducted on 01.02.2016 to 06.02.2016 students attended the course, the course comprises of 5 modules on topics.

MODULE – I: Introduction to Computers & Computer Graphics Basics of Computers: Computers in Industrial Manufacturing, Product cycle, CAD / CAM Hardware, Basic structure, CPU, Memory types, input devices, display devices, hard copy devices, and storage devices. Computer Graphics: Raster scan graphics coordinate system, database structure for graphics modeling, transformation of geometry, 3D transformations, mathematics of projections, clipping, hidden surface removal. MODULE – II: Geometric modeling [12 Periods] Geometric modeling: Requirements, geometric models, geometric construction models, curve representation methods, surface representation methods, modeling facilities desired. MODULE - III: Drafting and Modeling systems & Numerical control [15 Periods] A: Drafting and Modeling systems: Basic geometric commands, layers, display control commands, editing, dimensioning, solid modeling. B: Numerical control: NC, NC modes, NC elements, NC machine tools, structure of CNC machine tools, features of Machining center, turning center, CNC Part Programming fundamentals, manual part programming methods, Computer Aided Part Programming. MODULE - IV: Group Tech [15 Periods] Group Tech: Part family, coding and classification, production flow analysis, advantages and limitations, Computer Aided Processes Planning, Retrieval type and Generative type. Flexible Manufacturing Systems: Introduction of FMS, FMS equipments, Material handling and control systems Advantages and Limitations of FMS MODULE - V: Computer Aided Quality



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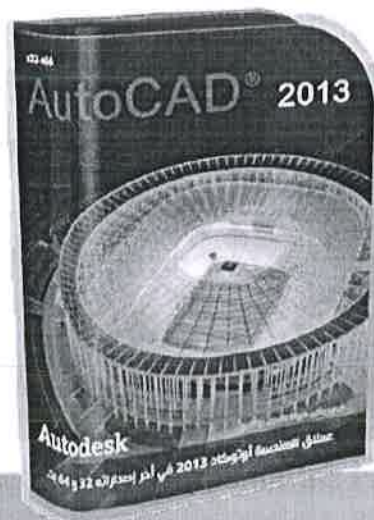
Control & Computer integrated manufacturing systems [16 Periods] A: Computer Aided Quality Control: Terminology in quality control, the computer in QC, contacts inspection methods, noncontact inspection methods-optical, noncontact inspection methods-non optical, computer aided testing, integration of CAQC with CAD/CAM. B: Computer integrated manufacturing systems: Types of Manufacturing systems, Machine tools and related equipment, material handling systems, computer control systems, and human labor in the manufacturing systems, CIMS benefits.



Fig.1. A talk delivered on value added course AutoCAD by Srinivasa Prasad B

OUTLINE

- ✓ Introduction
- ✓ Latest Version
- ✓ AutoCAD Screen
- ✓ Way to provide command.
- ✓ How it Works
- ✓ Co-ordinate system.
- ✓ Toolbars
- ✓ Some 2D command.
- ✓ 3D Modeling
- ✓ Some 3D Commands
- ✓ Isometric view.
- ✓ Project work
- ✓ Benefits of AutoCAD.



Autodesk



Fig.2. Shows outline to AutoCAD



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INTRODUCTION

- ✓ The Word AutoCAD is made up of two words "Auto(logo of company)"and CAD "(computer aided design)".
- ✓ AutoCAD is 2D and 3D modeling software.
- ✓ It is developed by Autodesk company.
- ✓ Autodesk is an U.S.A based company.
- ✓ It is widely used in industry for 2D drawing and 3D modeling.
- ✓ In another way we can say that AutoCAD is a designing course , which is performed by the help of computer.



Fig.3. Shows Introduction to AutoCAD

VERSION OF AUTOCAD

- ✓ AutoCAD software was firstly launched by Autodesk company in Dec. 1982.
- ✓ It comes in India in 1988.
- ✓ The first version of AutoCAD was R1 after that R2,R3,R4..... and so on.
- ✓ In 2000, Autodesk launched a version of AutoCAD 2000 after that 2001,2002..... so on.
- ✓ This time, we have the latest version of AutoCAD is 2014, which is launched on 27th March 2013.
- ✓ Latest version is easy to use and overcome the difficulties of old version.



Fig.4. Shows version of AutoCAD



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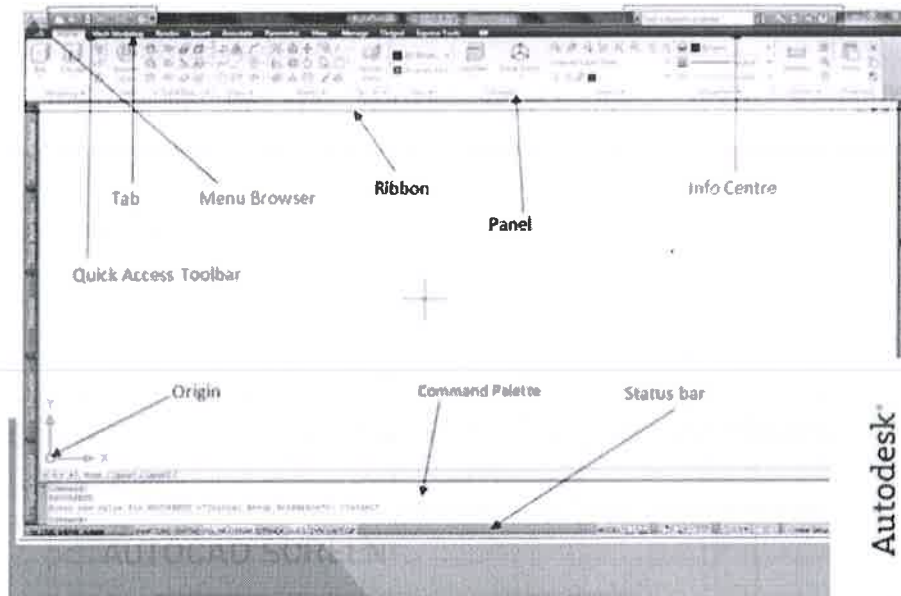
HOW AutoCAD WORKS

- ✓ There is a co-ordinate system used in AutoCAD.
- ✓ Every drawing shows its co-ordinate.
- ✓ In above next slide the line shows its co-ordinate that is (9,6) and (-10,-4).
- ✓ There is so many commands like copy, move ,rotate ,mirror in 2D, path array , rectangular array, polar array & more.
- ✓ Different types of drawing can be made in the same time by using a command that is LAYER.
- ✓ Using line , arc , circle , rectangle , ellipse & polygon , so many drawing of different type can be made.



Autodesk®

AUTOCAD SCREEN



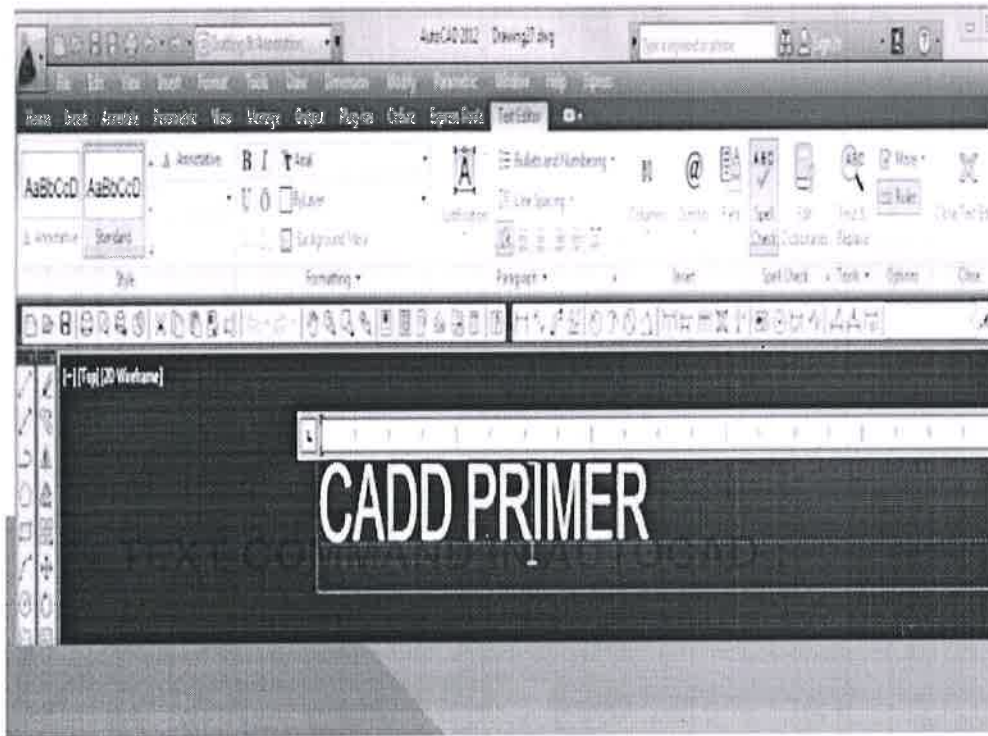
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Fig.5 Shows working of AutoCAD



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TEXT COMMAND IN AUTOCAD :



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Fig.6. Shows commands used in AutoCAD



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This is to certify that Mr./Ms. B VENU bearing Roll
No. 14J41A0304 has successfully completed Value Added Course in
AutoCAD conducted by the Department
of Mechanical Engineering from 01/02/2016 to 06/02/2016

M.V. Varalakshmi
COORDINATOR



N. Venkatesh
HOD

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M.V. Saralalaxmi

COORDINATOR



N. Sreeddy

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This is to certify that Mr./Ms. **C HRUDAY ANAND** bearing Roll No. **14J41A0311** has successfully completed Value Added Course in **AutoCAD** conducted by the Department of Mechanical Engineering from **01/02/2016** to **06/02/2016**

M.V. Varalakshmi
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HOD

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This is to certify that Mr./Ms. CHUKKA RAMANA bearing Roll
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M.V. Varalakshmi
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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Academic Year

2015-2016

Personal Details

Student Feedback

Suggestions

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column. Please use the following criteria for giving feedback: 5- Excellent, 4- Very Good, 3- Good, 2- Satisfactory, 1-Poor

Name of the Student and Roll No

M.Tiwari & 14J41A0356

Year and Semester:

I & I

Academic Year

2015-16

Name of the Value added course offered

AutoCAD

Name of the Resource Person(s)

Srinivasa prasad

Course Duration

32 hours



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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Academic Year

2015-2016

Personal Details Student Feedback Suggestions

Please use the following criteria for giving feedback: 5- Excellent, 4- Very Good, 3- Good, 2- Satisfactory, 1-Poor

	Excellent	Very Good	Good	Fair	Fair
Course content	<input type="radio"/> 5	<input checked="" type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Skill development	<input type="radio"/> 5	<input checked="" type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Motivation	<input checked="" type="radio"/> 5	<input type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Regularity and punctuality of teacher	<input type="radio"/> 5	<input checked="" type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Coverage of content	<input checked="" type="radio"/> 5	<input type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Interaction	<input type="radio"/> 5	<input checked="" type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Individual attention	<input type="radio"/> 5	<input checked="" type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Outcome(s)	<input checked="" type="radio"/> 5	<input type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1

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