



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: 23/09/2016

All the students are hereby informed that Value Added Course on “**Computer aided testing analysis and modelling**” on date **30/9/2016 to 6-10-2016**, is being organized by the mechanical engineering department. The resource person for the course is “**Dr.T.Srinivasa Rao, Dr. Md. K. M. Farookhi**”.

Students are advised to register their names to the programme coordinator “**Mr.N.Srinivasa Rajneesh**”, on or before 28/09/2016 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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(AUTONOMOUS)

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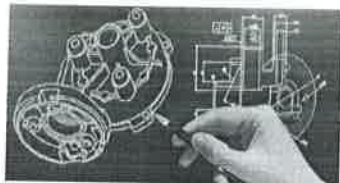
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Value Added Course “Computer Aided Testing Analysis and Modelling” organized by the Department Of Mechanical Engineering on Sep 30th 2016



Topics Covered

- Stress analysis
- Computational fluid dynamics (CFD);
- Multi body dynamics (MBD) and Kinematics;
- Optimization



Organizing committee

Mr. N.Srinivasa Rajneesh Assoc. Prof., ME

Mr. Vasili.Srinivas Assoc. Prof., ME

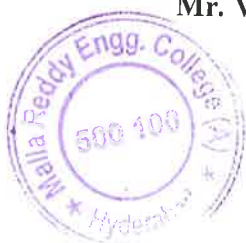
Resource persons

Dr. T. Srinivasa Rao

Dr. Md. K. M. Farookhi

Ramesh
Principal

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DEPARTMENT OF MECHANICAL ENGINEERING

Value Added Course

on

“Computer aided testing analysis and modeling”

30Sep – 06, Oct 2016

Programme Schedule

Date	Time	Topic	Resource Person
30-09-2016	10:10 – 11.00AM	Introduction to computer aided testing	Dr. Basavarajappa D
	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	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Apply the knowledge of mathematics, science, engineering fundamentals engineering specialization for the solution of complex engineering problems in modeling methods	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated	
01-10-2016	9:30 – 11.00AM	conclusions using first principles of mathematics, natural sciences, and engineering sciences.	Dr. Basavarajappa D
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	public health and safety, and cultural, societal, and environmental considerations.	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Conduct investigations of complex problems	



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03-10-2016	9:30 – 11.00AM	Use researchbased knowledge and research methods including design of experiments	Dr. Basavarajappa D
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Modern tool usage	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Drawing Arcs Drawing Rectangles Drawing Ellipses Drawing Regular Polygon	
04-10-2016	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	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	the consequent responsibilities relevant to the professional engineering practice	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	
05-10-2016	9:30 – 11.00AM	Communicate effectively on complex engineering activities with the engineering community and with t h e society at large	Dr. Akant Kumar Singh
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	
	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	
06-10-2016	9:30 – 11.00AM	Need for Dimensioning Dimensioning in AutoCAD Fundamental Dimensioning Terms	



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		Dimension Line	Dr. Akant Kumar Singh
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Program Specific Outcome	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Function effectively in Industry or as entrepreneurs to solve inter disciplinary problems	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Angular Dimensioning based on Three Points Creating Diameter Dimensions Creating Radius Dimensions	

V. Suresh
Coordinator

Rudra
HOD

Akant
Principal



R. Akant
Principal
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DEPARTMENT OF MECHANICAL ENGINEERING

S.NO	Roll No	Name of the students	Details of value added courses	Duration
1	13J41A0301	AARE VAMSI	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
2	13J41A0302	ADDAGUDI SANJAY	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
3	13J41A0303	ANIRUDH NUNE	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
4	13J41A0304	ARETI SAI KRISHNA REDDY	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
5	13J41A0305	AVUNOORI DILEEPKUMAR	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
6	13J41A0306	B FAYAZ	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
7	13J41A03A5	P SANDEEP PATIL	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
8	13J41A03A6	PARRE RAJA NITHEESH	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
9	13J41A03A7	PATHEPURAM RAJESHWARI	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
10	13J41A03A8	RAMAGIRI VINAY	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
11	13J41A03A9	RAYILLA RAJKUMAR	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
12	13J41A03E0	GANGARAPU KAVYASRI	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
13	13J41A03E1	GOGISETTY SAI CHAND	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
14	13J41A03E3	INJARAPU MANIDEEP	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
15	13J41A03E4	JOSHI ADITYA	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
16	13J41A03E5	KAILASA VAMSHI KRISHNA	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
17	14J45A0308	MEESALA PRASHANTH	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
18	14J45A0309	IBRAHIM THIRUPATHI GOUD	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
19	14J45A0318	JELLA VISHAL	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
20	14J45A0331	MUKKAMALA HEMANTH KUMAR	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
21	14J45A0332	NIRJINTHA VINOD KUMAR	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
22	14J45A0323	CHAKINALA KISHORE KUMAR	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016
23	14J45A0324	BOLLI SANDEEP	Computer aided testing analysis and modoelling	30/09/2016-06/10/2016

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DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR: 2016-17

A SUMMARY REPORT

Value added course name: “Computer aided testing analysis and modeling”

Value added course Instructor: **Dr.T.Srinivasa Rao, & Dr. Md. K. M. Farookhi**

Course Summary Report:

On the first day (30-09-2016) of the course Dr.T.Srinivasa Rao, & Dr. Md. K. M. Farookhi have delivered a lecture on Auto CAD tools and Sketch entity Basic Drawing & Editing Commands Using the Mouse, Keyboard, and Enter Key to work quickly and efficiently in Auto CAD Lines Circles Rectangles, absolute coordinate system relative coordinate system. Apply the knowledge of mathematics, science, engineering fundamentals engineering specialization for the solution of complex engineering problems in modeling methods.

On the second day (01-10-2016) the course started with the explanation of Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration. On the third day (02-10-2016) the course started with the explanation analysis and interpretation of data, and synthesis of the information to provide valid conclusions. Drawing Arcs Drawing Rectangles Drawing Ellipses Drawing Regular Polygon.

On fourth day (03-10-2016) the instructor has delivered a lecture on Understanding the Concept and use of Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.



Raam
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On the fifth day (04-10-2016) of the course Dr. Akant Kumar Singh has delivered a good lecture on Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles. Apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

On the sixth day (05-10-2016) the course started with explanation on Need for Dimensioning Dimensioning in AutoCAD Fundamental Dimensioning Terms Dimension Line, Creating Linear Dimensions DIMLINEAR Command Options Creating Aligned Dimensions Creating Arc Length Dimensions. Angular Dimensioning based on Three Points Creating Diameter Dimensions Creating Radius Dimensions.

On the final day (06-10-2016) the course started with explanation on Working with True Associative Dimensions Inspection Rate Removing the Dimension Associatively Converting a Dimension into a True Associative Dimension. Demonstrate knowledge and understanding of thermal, structural and manufacturing streams of Mechanical Engineering.

On the whole the total course was very much interested and informative and also very useful at the basic Engineering level.

V. Peera
Coordinator



Kaushal
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HOD-ME

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Academic Year

2016-2017

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.Naveen & 13.J41A0356

Year and Semester:

IV & I

Academic Year

2016-17

Name of the Value added course offered

Computer aid testing analysis and modelling lab

Name of the Resource Person(s)

Dr.Srinivasa Rao

Course Duration

31 hours

Continue



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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Academic Year

2016-2017

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 checked="" type="radio"/> 5	<input type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Skill development	<input checked="" type="radio"/> 5	<input type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Motivation	<input type="radio"/> 5	<input checked="" 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

Continue



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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Academic Year

2016-2017

Personal Details Student Feedback **Suggestions**

Any other Suggestions

More intraction is required

Submit Feedback



Raveesh
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(Post Via Kompally), Sec'bad-500 100

STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Academic Year

2016-2017

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.Naveen & 13J41A0356

Year and Semester:

IV & I

Academic Year

2016-17

Name of the Value added course offered

Computer aid testing analysis and modelling lab

Name of the Resource Person(s)

Dr.Srinivasa Rao

Course Duration

31 hours

Continue



Raveesh
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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Academic Year

2016-2017

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 type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Skill development	<input type="radio"/> 5	<input type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Motivation	<input 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 type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Coverage of content	<input 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 type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Individual attention	<input type="radio"/> 5	<input type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1
Outcome(s)	<input type="radio"/> 5	<input type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1

Continue



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STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Academic Year

2016-2017

Personal Details : **Student Feedback** Suggestions

Any other Suggestions

More intraction is required

Submit Feedback



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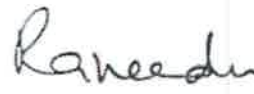
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Certificate of Completion

This is to certify that Mr./Ms. INJARAPU MANIDEEP bearing Roll
No. 13J41A03E3 has successfully completed Value Added Course in
Computer Aided Testing Analysis and Modeling Lab conducted by the Department
of Mechanical Engineering from 30/09/2016 to 06/10/2016


COORDINATOR


HOD




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Certificate of Completion

This is to certify that Mr./Ms. MEESALA PRASHANTH bearing Roll
No. 14J45A0308 has successfully completed Value Added Course in
Computer Aided Testing Analysis and Modeling Lab conducted by the Department
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Certificate of Completion

This is to certify that Mr./Ms. AARE VAMSI bearing Roll
No. 13J41A0301 has successfully completed Value Added Course in
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Certificate of Completion

This is to certify that Mr./Ms. ADDAGUDI SANJAY bearing Roll
No. 13J41A0302 has successfully completed Value Added Course in
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Certificate of Completion

This is to certify that Mr./Ms. ANIRUDH NUNE bearing Roll
No. 13J41A0303 has successfully completed Value Added Course in
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Certificate of Completion

This is to certify that Mr./Ms. ARETI SAI KRISHNA REDDY bearing Roll
No. 13J41A0304 has successfully completed Value Added Course in
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