



**MALLA REDDY ENGINEERING COLLEGE**  
(UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to  
JNTUH, Hyderabad). Accredited by NAAC with 'A++' Grade (Cycle III),  
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,  
Telangana State – 500100, [www.mrec.ac.in](http://www.mrec.ac.in)

**Department of Mechanical Engineering**

**CIRCULAR**

Date: 13/03/2023

All the students are hereby informed that Value Added Course on “**Solid works**” on date **20/03/2023 to 24/04/2023**, is being organized by the mechanical engineering department. The resource person for the course is “. Dr.Mudasar Pasha B,Dr. Siva Prasad D”.

Students are advised to register their names to the programme coordinator “**Mr.Bhardwaja**”, on or before 16/03/2023 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**

**HEAD OF THE DEPARTMENT  
MECHANICAL ENGINEERING  
MALLA REDDY ENGINEERING COLLEGE  
Maisamma Guda-500 100.**

Copy to:

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



  
**Principal**  
**Malla Reddy Engineering College**  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec-had-500100.

## About the Institution

**Malla Reddy Engineering College (Autonomous)** is one of the reputed engineering colleges in Hyderabad, Telangana. MREC (A) is part of Malla Reddy Group of Institutions (MRGI), founded by Sri. Ch. Malla Reddy, currently Hon'ble Minister, Labor and Employment, Factories, Women and Child Welfare and Skill Development, Govt. of Telangana State. The college is situated in a serene, lush green environment in Maisammaguda, Gundlapochampally, Medchal(M), Medchal-Malkajgiri District Telangana- 500100.

The college was established in 2002 and is an autonomous institution approved by UGC and affiliated to JNTUH. The college is re-accredited by NAAC with 'A++' Grade (III Cycle) and was conferred autonomous status by JNTUH in 2011 and by UGC in 2014 for a period of 6 years. Our eligible UG and PG programs received NBA accreditation and some of them received reaccreditation too. The college caters to wide ranging aspirations and goals of student communities by offering new courses in UG provides PG courses and MBA along with programs in various streams of Engineering & Technology and Management. It boasts of world-class infrastructure and well-equipped laboratories in all departments and is skillfully and smartly guided by **Dr. A. Ramaswami Reddy, Principal, MREC (A)** who have a rich teaching and industrial experience.

## Advisory Committee

**Chief Patrons:** Sri. Ch. Malla Reddy, Minister-Telangana State-India.

Founder Chairman  
Malla Reddy Group of Institutions

**Patrons:** Sri.Ch. Mahender Reddy  
Secretary, MRGI  
Dr.Ch.Bhadra Reddy  
President, MRGI

**Co-Patrons:** Dr.A.RamaSwami Reddy  
Principal, MREC (A)

**Convener:** Dr. A. Raveendra  
HOD ME

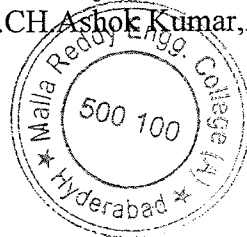
**Coordinator:** Mr.K.Bhardwaja  
Assoc.Professor

**Resource Person 1:** Dr Harsha Vardhana  
Assistant professor

**2:** Dr. Akant Kumar Singh  
Assistant professor

## Organizing Committee

Dr.Halesh Koti, Professor, ME.  
Dr.Shaik Hussain, Professor., ME  
M.V.Varalakshmi Assoc.Prof.,ME.  
Dr. S. Udaya Bhaskar Assoc.Prof.,ME  
Dr. M. Vijay Kumar Assoc. Prof., ME  
Mr. BharadwajaK Assoc. Prof., ME  
Dr.Manish Sharma. Assistant Prof., ME  
Mr. K.SrinivasaRao Assoc. Prof., ME.  
Mr. D.S Chandramouli. Asst. Prof., ME  
Dr. I.S.N.V.R Prasanth, Assoc. Prof., ME.  
Dr.T.Venkata Deepthi, Professor, ME.  
Mr.P. Balaji Krushna, Asst.Prof., ME  
Mr.CH.Ashok Kumar,Asst.Prof.,ME

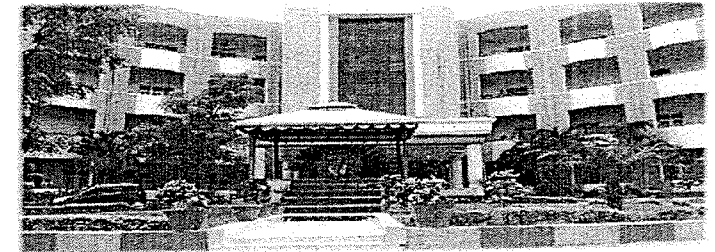
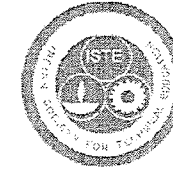


*A One-Month Skill development  
Course (Value added Course)*

*On*

**"SOLID WORKS"**

**(20<sup>th</sup> MAR to 24<sup>th</sup> APRIL, 2023)**



*Organized by*

**Department of**

**Mechanical Engineering**

**MALLA REDDY ENGINEERING COLLEGE**

(AUTONOMOUS) MAIN CAMPUS

**An UGC Autonomous Institution, Approved by  
AICTE & Affiliated to JNTUH-Hyderabad  
Reaccredited by NAAC with 'A++' Grade (III Cycle)**

**Maisammaguda(H), Gundlapochampally (V),**

**Medchal (M), Medchal - Malkajgiri District**

**Telangana - 500100, India.**

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Malla Reddy Engineering College (A)  
Maisammaguda, Gundlapally,  
(Post Via Kompally), Sec-04-500100

## Registration Form:

Name of the Participant :-----  
-----

Branch & Year :-----

Name of Institution:-----  
-----

Address for Communication:-----  
-----  
-----

Mobile Number:-----

E-Mail ID:-----

### DECLARATION:

The information furnished above is true to the best of my Knowledge.

Place:

Date:

Signature of Applicant

## About the Department

The Department of Mechanical Engineering has been established since the inception of the institution in the year 2002. The Department has good infrastructure facilities and is equipped with full-fledged laboratories to fulfill the curriculum needs. The Department has well experienced faculty. Around one-third of the faculty members in the department are Doctorate. The department has good number of sanctioned projects, funded by different agencies/industries. The Department is intended to be allotted a Research Centre by JNTU Hyderabad.

### Overview of the Programme:

The primary responsibility of faculty is not only to inspire students towards a higher vision but also create a strong sense of bonding between the institution and the students to nurture a stress-free holistic environment. To enhance the quality of life for the student members enabling them to introspect and learn techniques that imbibe ethics & morals and help prepare students for active and successful participation in a modern society, producing individuals of high character, probity and honor.

Proposed course delivers powerful, easy-to-use tools that help you innovate and accelerate every aspect of your product development process. With the need to produce higher-quality products faster and at lower cost, companies are demanding more from their design tools.

## Objectives of the Programme

- To use the techniques, skills and modern engineering tools necessary for engineering.
- Works portfolio provide a wide range of design and engineering capabilities that help you move from concept to final assembly.
- Understanding of professional and ethical responsibility in the areas of designing and managing of products

### Topics to be covered

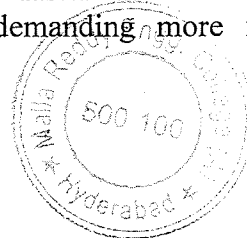
- ❖ Tensile testing
- ❖ Compressive testing
- ❖ Shear Testing
- ❖ Fatigue Testing
- ❖ Torsion testing
- ❖ Bending Test
- ❖ Izod and Charpy test
- ❖ Wear Characteristics

### Certificate

After successful completion of the course the certificates shall be issued to the participants.

### Outcome of the Program

After completing the Course, Evaluate the skills in using the tools in designing 3D objects and also testing of the materials.



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### Solid works

Course code: VACM002

Duration of the course: 30(hrs)

#### Objective of the course:

- To use the techniques, skills and modern engineering tools necessary for engineering.
- Works portfolio provide a wide range of design and engineering capabilities that help you move from concept to final assembly.
- Understanding of professional and ethical responsibility in the areas of designing and managing of products

#### Syllabus

##### Unit-1

**Total hrs:6**

Introduction to CAD Features of Solid Works, Various products available in Solid Works for Product Design & Assembly Modeling, Solid Works Graphical User Interface - Feature manager design tree, Callouts, Handles, Confirmation corner, mouse buttons, keyboard shortcuts, Command Manager, Hardware and Software requirements, Sketch Entities – Inference line, Centerline line, Line, Circle, Arc, Ellipse, Rectangle, Slots, Polygon, Ellipse, Partial Ellipse, Spline, Points, Text, Construction geometry, Sketch Tools - Fillet, Chamfer, Offset, Convert entities, Trim, Extend, Mirror, Dynamic Mirror, Move, Copy, Rotate, Scale, Stretch, Sketch pattern Close Sketch To Model, Sketch picture.

##### Unit-2

**Total hrs:7**

Relations - Adding Sketch Relation, Automatic relations, Dimensioning - Smart, Horizontal, Vertical, Ordinate, Horizontal ordinate, Vertical ordinate, Align ordinate, Fully define sketch, Part Modeling Tools Creating reference planes, Creating Extrude features – Direction1, Direction2, From option, Thin feature, Applying draft, Selecting contours Creating Revolve features – Selecting Axis, Thin features, Selecting contours.

##### Unit-3

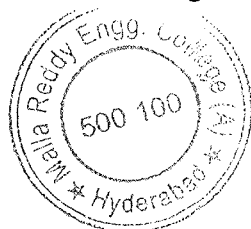
**Total hrs:7**

Creating Swept features-Selecting Profile and Path, Thin feature, Selecting geometries – Selection Manager, Multiple Body concepts, Creating Reference - points, axis, coordinates Creating curves - Split curve, Project curve, Composite curve, Curve through points, Helix and Spiral, Creating Fillet features Inserting Hole types Creating Chamfer Creating Shell.

##### Unit-4

**Total hrs:7**

Creating Rib with an example, Creating Pattern - Linear pattern, Circular pattern, Sketch driven pattern, Curve driven pattern, Fill pattern, mirror, Environment & Utilities - Working with views and manipulating views, Trouble shooting Assembly Modeling Tools.



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Introduction to Assembly Modeling & Approaches – Top down and Bottom up approach, Applying Standard Mates- Coincident, Parallel, Perpendicular, Tangent, Concentric, Lock, Distance, Angle, Applying Mechanical Mates – Cam, Hinge, Gear, Rack Pinion, Screw, Universal Joint, Manipulating Components - Replacing Components,

### Unit-5

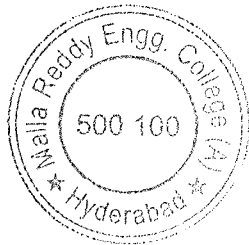
**Total hrs:5**

Creating Pattern - Assembly Pattern, Mirror, Creating Explode Views Surface Modeling tools Creating Extrude, Revolve, Swept, loft, Boundary surface, Inserting Planar Surface, Offset Surface, Radiate Surface. Extending a surface, Surface fill, Ruled Surface, Trimming Surface, Mid surface, Replace Face, Delete face, Untrim surface, Knit surface, Thickening a Surface, Move Face.

Generating Views - Generating Model View, Projected Views, Inserting Standard 3 View View creation relative to model, Inserting predefined views, Auxiliary Views, Detailed Views, Crop view.

### Outcome of the course:

After completing the Course, Evaluate the skills in using the tools in designing 3D objects and also testing of the materials.



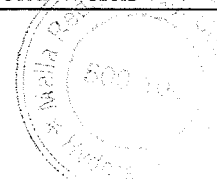
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**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**  
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Maisammaguda(H), Medchal-Malkajgiri District, Telangana State – 500100)

**DEPARTMENT OF MECHANICAL ENGINEERING**

S.No	Roll No	Name of the students	Details of value added courses	Duration	
				From	To
1	21J41A0301	AZMEERA CHANTI	Solid Works	20/03/2023	24/04/2023
2	21J41A0302	BANDARI VENKAT ROHIT REDDY	Solid Works	20/03/2023	24/04/2023
3	21J41A0303	BHUKYA MADHU	Solid Works	20/03/2023	24/04/2023
4	21J41A0304	HALGI ABHISHEK	Solid Works	20/03/2023	24/04/2023
5	21J41A0305	KASHETTY VIDYA CHARAN	Solid Works	20/03/2023	24/04/2023
6	21J41A0306	KOLANI RUTHVIK REDDY	Solid Works	20/03/2023	24/04/2023
7	21J41A0307	KONTHAM ABHINAY REDDY	Solid Works	20/03/2023	24/04/2023
8	21J41A0308	KUNJA VENKATESH	Solid Works	20/03/2023	24/04/2023
9	21J41A0309	MALLEPELLI YESHWANTH	Solid Works	20/03/2023	24/04/2023
10	21J41A0310	MYLIPILLI RAMESH	Solid Works	20/03/2023	24/04/2023
11	21J41A0311	NAMEWAR SOMESHWAR SAILOO	Solid Works	20/03/2023	24/04/2023
12	21J41A0312	NUKALA PRANEETH	Solid Works	20/03/2023	24/04/2023
13	21J41A0313	PAMARTHI SAI LAKSHMAN RAJA	Solid Works	20/03/2023	24/04/2023
14	21J41A0314	PANDAV SATYANARAYAN	Solid Works	20/03/2023	24/04/2023
15	21J41A0315	RACHABANTI SAI RAM	Solid Works	20/03/2023	24/04/2023
16	21J41A0316	SHAIK KAREEM	Solid Works	20/03/2023	24/04/2023
17	21J41A0317	SHAIK SHAZABALI	Solid Works	20/03/2023	24/04/2023
18	21J41A0318	VADITHYA RAKESH	Solid Works	20/03/2023	24/04/2023
19	21J41A0319	VARRE RAKESH REDDY	Solid Works	20/03/2023	24/04/2023
20	22J45A0301	NARAPOGU BHUMIKA	Solid Works	20/03/2023	24/04/2023
21	22J45A0303	THANDRA LOKESH SAI	Solid Works	20/03/2023	24/04/2023
22	22J45A0304	BHUKYA CHANDRASHEKAR	Solid Works	20/03/2023	24/04/2023
23	22J45A0305	MULA BHANU PRASAD	Solid Works	20/03/2023	24/04/2023
24	22J45A0306	MOHAMMED HASEEB UDDIN	Solid Works	20/03/2023	24/04/2023

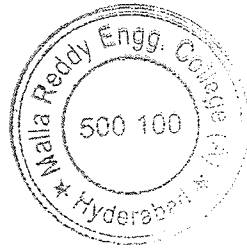


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(Post Via Kompally), Sec-bad-500100.

25	22J45A0307	GONGALLA MADHUKAR	Solid Works	20/03/2023	24/04/2023
26	22J45A0308	CHEETIRALA VINAY	Solid Works	20/03/2023	24/04/2023
27	22J45A0309	APPALA MURALI	Solid Works	20/03/2023	24/04/2023
28	22J45A0310	KONDA RAHUL	Solid Works	20/03/2023	24/04/2023
29	22J45A0311	MUTTIREDDY AJAY NICHOLAS RAPHA	Solid Works	20/03/2023	24/04/2023
30	22J45A0312	VOLLALA AKASH	Solid Works	20/03/2023	24/04/2023
31	22J45A0313	SATHAMGARI MADHU KIRAN	Solid Works	20/03/2023	24/04/2023
32	22J45A0314	CHOLLANGI PRAVEEN	Solid Works	20/03/2023	24/04/2023
33	22J45A0315	KOTHWAL KETHAN PATIL	Solid Works	20/03/2023	24/04/2023
34	22J45A0316	MUDDASANI JEEVAN	Solid Works	20/03/2023	24/04/2023
35	22J45A0317	VATTIKUTI ROHITH	Solid Works	20/03/2023	24/04/2023
36	22J45A0318	POLU BHARATH KUMAR REDDY	Solid Works	20/03/2023	24/04/2023
37	22J45A0319	JONNAKUTI VISHAL	Solid Works	20/03/2023	24/04/2023

*Reudh*  
HOD

HEAD OF THE DEPARTMENT  
MECHANICAL ENGINEERING  
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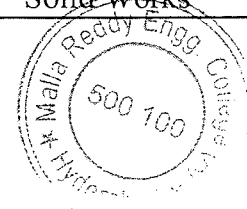
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**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**  
(UGC Autonomous Institution, Affiliated to JNTUH, Accredited 3rd time by NAAC with 'A++'  
Grade Maisammaguda(H), Medchal-Malkajgiri District, Telangana State – 500100)

**DEPARTMENT OF MECHANICAL ENGINEERING**

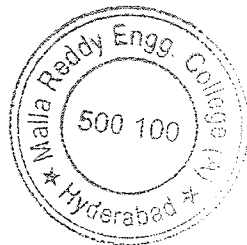
S.No	Roll No	Name of the students	Details of value added courses	Course Completion
1	21J41A0301	AZMEERA CHANTI	Solid Works	Yes
2	21J41A0302	BANDARI VENKAT ROHIT REDDY	Solid Works	Yes
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4	21J41A0304	HALGI ABHISHEK	Solid Works	Yes
5	21J41A0305	KASHETTY VIDYA CHARAN	Solid Works	Yes
6	21J41A0306	KOLANI RUTHVIK REDDY	Solid Works	Yes
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8	21J41A0308	KUNJA VENKATESH	Solid Works	Yes
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12	21J41A0312	NUKALA PRANEETH	Solid Works	Yes
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14	21J41A0314	PANDAV SATYANARAYAN	Solid Works	Yes
15	21J41A0315	RACHABANTI SAI RAM	Solid Works	Yes
16	21J41A0316	SHAIK KAREEM	Solid Works	Yes
17	21J41A0317	SHAIK SHAZABALI	Solid Works	No
18	21J41A0318	VADITHYA RAKESH	Solid Works	Yes
19	21J41A0319	VARRE RAKESH REDDY	Solid Works	Yes
20	22J45A0301	NARAPOGU BHUMIKA	Solid Works	Yes
21	22J45A0303	THANDRA LOKESH SAI	Solid Works	Yes





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22	22J45A0304	BHUKYA CHANDRASHEKAR	Solid Works	Yes
23	22J45A0305	MULA BHANU PRASAD	Solid Works	Yes
24	22J45A0306	MOHAMMED HASEEB UDDIN	Solid Works	Yes
25	22J45A0307	GONGALLA MADHUKAR	Solid Works	Yes
26	22J45A0308	CHEETIRALA VINAY	Solid Works	No
27	22J45A0309	APPALA MURALI	Solid Works	Yes
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35	22J45A0317	VATTIKUTI ROHITH	Solid Works	No
36	22J45A0318	POLU BHARATH KUMAR REDDY	Solid Works	Yes
37	22J45A0319	JONNAKUTI VISHAL	Solid Works	Yes



  
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 HOD  
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 MECHANICAL ENGINEERING  
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## MALLA REDDY ENGINEERING COLLEGE

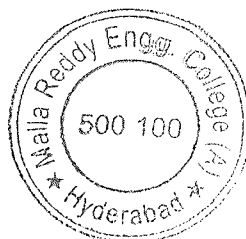
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### Department of Mechanical Engineering

Value Added Course	Solid Works
Course Code	VACM002
Academic Year	2022-2023

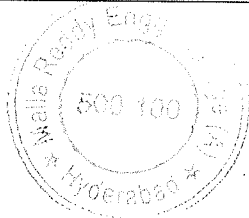
### Multiple Choice Questions

S.NO	QUESTIONS	ANSWER
1.	Which one of these features is NOT represented by a dotted line? A) Centre line B) construction Geometry C) Temporary axis D) None of above	[ ]
2.	When you work with sheet metal parts, what do you use to define bend allowances? A) Centre line B) construction Geometry C) Temporary axis D) None of above	[ ]
3.	Can you create a sheet metal flange using a curved edge? A) Yes B) No C) All of these D) None of above	[ ]
4.	The feather symbol means what? A) Light weight B) under-defined C) shelled body D) Low Density	[ ]
5.	What cannot be missed in creating a helix curve? A) The revolution of the helix curve B) A circle sketch of the diameter C) The height of the helix curve D) The pitch of the helix curve	[ ]
6.	When you use the Hole Wizard, can you create holes on multiple faces? A) Yes, Always B) No, Never c) only on shelled parts D) only on extruded parts	[ ]
7.	When does Solidworks allow the user to bend a part? A) Only when in sheet metal mode, when the part to be bent is a sheet B) Any part can be bent in sheet metal mode c) Parts can be always be bent in solid works D) Parts cannot be bent in solid works	[ ]
8.	What does pushing down on the mouse scroll wheel do by default? A) Allows you to rotate a part B) Nothing c) Brings Up the sketch menu D) None of above	[ ]
9.	True or False: The hide/show command can only hide parts of an assembly not features of a multi-body solid. A) True B) False C) yes D) None of above	[ ]



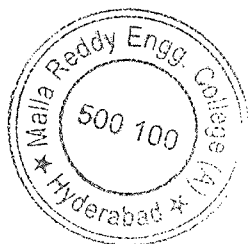
*Allo*  
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Kampanly, Sec-bad-500100.

10.	To make sure all the holes with the same size get properly called out, you. A) can create one hole using Hole Wizard and then use Pattern to create the rest B) must create all holes separately using hole Wizard C) Must create all the same holes in one hole Wizard Features D) All of Above	[ ]
11.	An unsolvable sketch turns what colour? A) Green B) Red C) yellow D) Purple	[ ]
12.	Is it possible to have a multi-bodied sheet metal part? A)yes B) No	[ ]
13.	When you start a new sketch, what sketch types do you select from? A) Sketch and block B) 3D sketch and Front panelC) 3D sketch and Block D) Sketch and 3D sketch	[ ]
14.	Using an assembly design table, you can create configurations of an assembly with different mating conditions? A) False B) True	[ ]
15.	What software should be used to make realistic renderings of SolidWorks parts and assemblies? A) Solid Render B) Photo view 360 C) Photoshop D) There is no separate rendering software	[ ]
16.	What tool do you use to project an existing geometry onto the sketch plane? A) Move Entities B) Mirror Entities C) offset Entities D) convert Entities	[ ]
17.	What entity do you need to select when creating an Edge Flange? A) A side Face B)A point C) An edge D) The Base Flange	[ ]
18.	By default, what does the Space key do? A) It brings up the Orientation window.B) It brings the Section Window C) It brings up the shortcut Bar D)Its brings up the Appearance Window	[ ]
19.	What parameters do you specify to create a revolve? A) Direction B) AngleC) Axis of Revolution D) All of these	[ ]
20.	Which one is not a type of a drawing view? A) Front B) Plain C) Current D) Isometric	[ ]
21.	Can you mirror bodies? A) yes, but only sheet metals B) No, excepts for moldsC) Yes, Always D) No Never	[ ]
22.	Which of these will create a solid part from a single sketch? A) sweep B) Chamfer C) Loft D) Extrude	[ ]
23.	What type of CAD files could be imported into SolidWorks? A) STEP B) IGESC) DXF D) DWG	[ ]
24.	Which one is not a type of reference geometry? A) Point B) AxisC) Pattern D) Plain	[ ]
25.	When you work with Surfaces, what tools do you use? A) Extruded surface and revolve surface B) Trim surfaceC) freeform knit D) All of these	[ ]
26.	When you create a boss-extrude, what parameters you can specify? A)End condition B) DraftC) All of these D) Thin Features	[ ]



  
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27.	Which feature do you use to create a tapped hole? A) swept cut B) Hole Wizard C) Revolved cut D) Extruded cut	[ ]
28.	What do you need to do before evaluating the mass of a part? A) Apply material to the part B) Obtain the volume of the part C) obtain the centre of gravity of the part D) Apply surface Appearance of the part	[ ]
29.	Can you use a design table to create a new configuration? A) Yes B) No C) only with a 3D sketch active D) only with a sketch active	[ ]
30.	Solid Works motion allows users to simulate all of the following except... A) Motor B) Gravity C) All of these D) Linear Spring	[ ]
31.	What program do you need to create a design table? A) Microsoft Excel B) Microsoft word C) Google chrome D) Microsoft Word or Excel	[ ]
32.	What is a forming tool file saved as? A) .sldftp B) .sldprt C) .ftsdot D) .asmdot	[ ]
33.	What is the colour of the sketch before process of Render fix? A) Red B) Green C) purple D) Blue	[ ]
34.	What are the two necessary elements to create a Sweep? A) A side profile and Plane B) A path and plane C) A side profile and a direction D) A side profile and path	[ ]
35.	Can you create a derived configuration from an existing configuration? A) yes, Always B) yes, only once C) No Never D) yes, but only with a 3D sketch Active	[ ]
36.	Which of these objects could not be modeled from an extrusion? A) Square B) Cylinder C) Block D) Sphere	[ ]
37.	Which of the following is not a type of mate? A) Geared B) coincident C) Distance D) concentric	[ ]
38.	Which of these is not a sketch constraint? A) Diagonal B) coincident C) Tangent D) concentric	[ ]
39.	What display styles can you use when you create a drawing view? A) Diagonal B) wireframe C) shaded with edges D) shaded	[ ]
40.	What file types can SolidWorks open? A) .SLDDR W B) .SLDPRT C) .IGES D) All of these	[ ]



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### DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR: 2022-23

### A SUMMARY REPORT

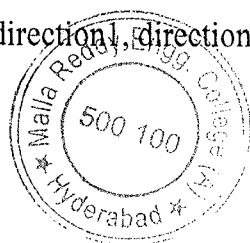
Value added course name: Solidworks

Value added course Instructor: Dr.Mudasar Pasha & Dr. D Siva Prasad

#### Course Summary:

On the first week of the sessions (i.e **20-03-2023**) Dr.Mudasar Pasha, delivered a lecture on the basics of Introduction to CAD Features of SolidWorks, Various products available in SolidWorks for Product Design & Assembly Modelling. After the tea break, he explained the commands SolidWorks Graphical User Interface - Feature manager design tree, Callouts, Handles, Confirmation corner, mouse buttons, keyboard shortcuts, command manager, hardware and software requirements. in the afternoon session, he explained the commands such as the sketch entities – inference line, centerline line, line, circle, arc, ellipse, rectangle, slots, polygon, ellipse, partial ellipse, spline, points, text, construction geometry, sketch tools - fillet, chamfer, offset, convert entities, trim, extend, mirror, dynamic mirror, move, copy, rotate, scale, stretch, sketch pattern close sketch to model, sketch picture.

During the second week of the sessions (i.e **27-03-2023**) Dr.Mudasar Pasha, has introduced the basics of concepts of relations - adding sketch relation, automatic relations, dimensioning - smart, horizontal, vertical, ordinate, horizontal ordinate, vertical ordinate, align ordinate, fully define sketch. part modeling tools creating reference planes creating extrude features – direction1, direction2, thin feature, applying draft, and selecting contours.



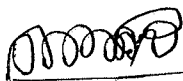
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Secunderabad, Telangana State - 500100

During the third week of the sessions (i.e **3-04-2023**) Dr.Mudasar Pasha, has explained and make practical sessions related to the command features as: creating revolve features – selecting axis, thin features, selecting contours, creating swept features-selecting profile and path, thin feature selecting geometries – selection manager, multiple body concepts creating reference - points, axis, coordinates creating curves - split curve, project curve, composite curve, curve through points, helix and spiral


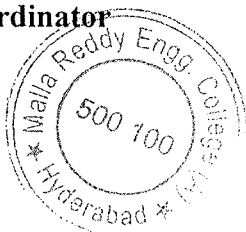
During the fourth week of the sessions (i.e **10-04-2023**), Dr. D Siva Prasad has conducted the practical sessions in the laboratory related to the concepts of creating fillet features inserting hole types creating chamfer creating shell, creating rib with an example, creating pattern - linear pattern, circular pattern, sketch driven pattern, curve driven pattern, fill pattern, mirror, environment & utilities - working with views and manipulating views, trouble shooting assembly modeling tools.

During the fifth week of the sessions (i.e **17-04-2022**), Dr. D Siva Prasad has conducted the practical sessions in the laboratory, by explaining the concepts of applying standard mates- coincident, parallel, perpendicular, tangent, concentric, lock, distance, angle, manipulating components - replacing components, rotating components, move components, collision detection, physical dynamics, dynamic clearance, detecting interference

During the sixth week of the sessions (i.e **24-04-2022**), Dr. D Siva Prasad has conducted the practical sessions in the laboratory, by explaining the concepts of inserting planar surface, offset surface, radiate surface. extending a surface, surface fill, ruled surface, trimming surface, thickening a surface, move face, generating views - generating model view, projected views, inserting predefined views, auxiliary views, detailed views, crop view, broken –out section, broken views, section view, alternate position view, drawing properties.



**Coordinator**



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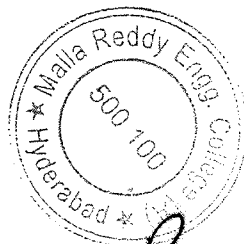
This is to certify that Mr./Ms. AZMEERA CHANTI

bearing Roll No. 21J41A0301 has successfully completed Value

Added Course in Solidworks conducted by

the Department of Mechanical Engineering from 20/03/2023 to 24/04/2023

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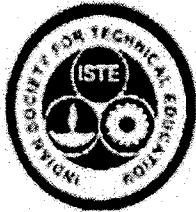


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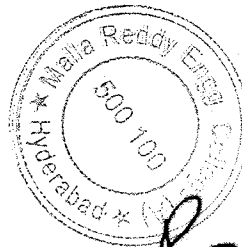
This is to certify that Mr./Ms. KUNJA VENKATESH

bearing Roll No. 21J41A0308 has successfully completed Value

Added Course in Solidworks conducted by

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This is to certify that Mr./Ms. RACHABANTI SAI RAM  
 bearing Roll No. 21J41A0315 has successfully completed Value  
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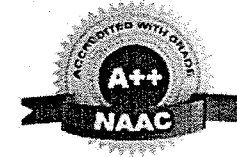


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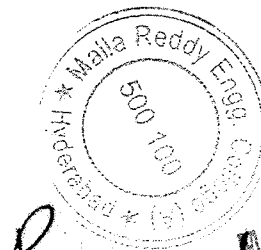
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This is to certify that Mr./Ms. KONDA RAHUL  
 bearing Roll No. 22J45A0310 has successfully completed Value  
 Added Course in Solidworks conducted by  
 the Department of Mechanical Engineering from 20/03/2023 to 24/04/2023

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