CERTIFICATE PROGRAM
On
Finite Element Modeling using Hypermesh

Organized By

DEPARTMENT OF MECHANICAL ENGINEERING

04ᵀᴴ January 2021

TO

19ᵀᴴ January 2021

(3 Hours) From 1.30 pm to 4.30 pm

Registration on before 04ᵀᴴ January 2021

Finite Element Modeling using Hypermesh:

Hypermesh training course enables participants to work on Hypermesh 12.0 software, a computer aided engineering (CAE) simulations software platform. The training enables the trainees to create finite element models for analysis and prepare high-quality meshes in an efficient manner. This program offers the skills needed to work with geometry editing tools for preparing CAD models for the meshing process. During the Hypermesh training, the attendees will have knowledge about the Batch Meshing technique that facilitates users to mesh several files in the background to match the standards set by users.

PROGRAMME OUTCOME:
❖ At the end of the create meshing of different parts and components
❖ meshing of 2-D components ,1-D elements
❖ Students able to create shell,tetra and hypermeshing and hexa and penta mesh .
❖ Student will able to prepare models for analysis and geometry meshing.
❖ The students will able to define manufacturing constraints.

For Further Information Contact
Coordinator

Mr G. THIRUPATHI REDDY
Asst, Prof, Dept. of ME
9700068752

Co-Coordinator

Mr. V. Arun Pandu
Asst, Prof, Dept. of ME

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 21-12-2020

To,

The Principal,
Vaagesawari college of Engineering,
Karimnagar.

Sub: Requisition: To conduct add on/certificate program on "Finite Element MODELLING USING HYPERMESH" to mechanical students from 04-01-2021 to 19-01-2021-reg.

It is pleasure to inform you that the Department of Mechanical Engineering is planning to conduct a Add on/certificate course on "Finite Element Modeling using Hypermesh"

This is an introductory course on Finite Element Modeling using Hypermesh enables participants to work on Hypermesh 12.0 software, a computer aided engineering (CAE) simulations software platform. The training enables the trainees to create finite element models for analysis and prepare high-quality meshes in an efficient manner. This program offers the skills needed to work with geometry editing tools for preparing CAD models for the meshing process. During the Hypermesh training, the attendees will have knowledge about the Batch Meshing technique that facilitates users to mesh several files in the background to match the standards set by users.

In this connection, I request you to grant permission to conduct the above said course. I am looking forward to hear from you soon regarding this approval. This is for your information and kind approval.

Thanking you sir,

Yours faithfully

Course coordinator

To

HOD mech. En.

permitted

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 28-12-2020

CIRCULAR

All the staff and students are here by informed that the Department of Mechanical Engineering is going to organize a Add on/certificate program on **"Finite Element Modeling using Hypermesh"** form 04-01-2021 to19-01-2021

Note: For Further details please contact course coordinator Mr.G.Thirupathi Reddy.

Assistant Professor of ME

HOD

PRINCIPAL 28/12

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

Title: Finite Element Modeling using Hypermesh

Duration: 10 days

Dates: 04-01-2021 to 19-01-2021(Daily 1.30PM to 4.30PM)

Topics Covered:

Day wise schedule

Days	Topics covered
Day 1	Introduction about Hypermesh, CAD & CAE, Application of CAE Software, Advantages and Theory of FEM and Basic engineering and Shortcuts.
Day 2	Geometry- Create node, node edit, temp node, distance, Dimensioning , line, line edit, length, creation of surface and surface edit and translate and rotate
Day 3	MID-SURFACE EXTRACTION – Auto – Mid Surface Extraction, De-Featuring, Quick Edits
Day 4	Geometry Clean Up- Surface Edges, Visualization Tool Bar, Display Bar, Clean Using Quick Edit.
Day 5	2D MESHING- Intraduction To Meshing, Auto Meshing, Size &Biasing, Density and mesh style , Mesh connectivity , Replace and re meshing, Current and surface components , Reviews of all options and doubt clarification
Day 6	2D MESH QUALITY - Quality criteria , War page , Aspect ratio , Jacobian, Skew, Reducing the Trias percentage .
Day 7	QUALITY INDEX - Quality index , T – connections , Duplicates , Free – edges
Day 8	MANUAL MESH – Ruled, Spline, Skin, Grag, Elem Off Set, Tools-Colour , Rename, Order , Number and mass calculation , Project , Position
Day 9	3D SOLID MESH,3D TERA MESHING,1D MESHING
Day 10	Linear Meshing- Introduction to analysis, Create collectors, Material properties, Load constraints, Load steps. Modal, Linear Static And Buckling Analysis – Deck preparation , Material and properties assignment , Assign of loads and constraints , Saving the file formats
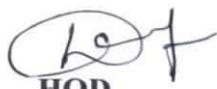
HOD

PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 52T.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year: 2020-2021

Class & Semester: ME II-I & III-I

Title : Finite Element Modeling using Hypermesh

Course Duration: 30 Hours (3 hours per day) during 04-01-2021to 19-01-2021.

Name of the Faculty (Coordinator): Mr.G.THIRUPATHI REDDY

S.NO.	HALL TICKET NUMBER	1	2	3	4	5	6	7	8	9	10
1	18S41A0302	P	P	P	P	P	P	P	P	P	P
2	18S41A0304	P	P	P	P	P	P	P	P	P	P
3	18S41A0310	P	P	P	P	P	P	P	P	P	P
4	18S41A0313	P	P	P	P	P	P	P	P	P	P
5	18S41A0302	P	P	P	P	P	P	P	P	P	P
6	19S41A0302	P	P	P	P	P	P	P	P	P	P
7	19S41A0303	P	P	P	P	P	P	P	P	P	P
8	19S41A0304	P	P	P	P	P	P	P	P	P	P
9	19S41A0305	P	P	P	P	P	P	P	P	P	P
10	19S41A0306	P	P	P	P	P	P	P	P	P	P
11	19S41A0307	P	P	P	P	P	P	P	P	P	P
12	19S41A0308	P	P	P	P	P	P	P	P	P	P
13	19S41A0309	P	P	P	P	P	P	P	P	P	P
14	19S41A0310	P	P	P	P	P	P	P	P	P	P
15	19S41A0311	P	P	P	P	P	P	P	P	P	P
16	19S41A0312	P	P	P	P	P	P	P	P	P	P
17	20S45A0301	P	P	P	P	P	P	P	P	P	P
18	20S45A0302	P	P	P	P P	P	P	P	P	P	P
19	20S45A0303	P	P	P	P	P	P	P	P	P	P
20	20S45A0304	P	P	P	P	P	P	P	P	P	P
21	20S45A0305	P	P	P	P	P	P	P	P	P	P
22	20S45A0306	P	P	P	P	P	P	P	P	P	P
23	20S45A0307	P	P	P	P	P	P	P	P	P	P
24	20S45A0308	P	P	P	P	P	P	P	P	P	P
25	20S45A0309	P	P	P	P	P	P	P	P	P	P
26	20S45A0310	P	P	P	P	P	P	P	P	P	P
27	20S45A0311	P	P	P	P	P	P	P	P	P	P
28	20S45A0312	P	P	P	P	P	P	P	P	P	P
29	20S45A0313	P	P	P	P	P	P	P	P	P	P
30	20S45A0314	P	P	P	P	P	P	P	P	P	P
31	20S45A0315	P	P	P	P	P	P	P	P	P	P
32	20S45A0316	P	P	P	P	P	P	P	P	P	P
33	20S45A0317	P	P	P	P	P	P	P	P	P	P

S.No	Roll No									
34	20S45A0318	P	P	P	P	P	P	P	P	P	P
35	20S45A0319	P	P	P	P	P	P	P	P	P	P
36	20S45A0320	P	P	P	P	P	P	P	P	P	P
37	20S45A0321	P	P	P	P	P	P	P	P	P	P
38	20S45A0322	P	P	P	P	P	P	P	P	P	P
39	20S45A0323	P	P	P	P	P	P	P	P	P	P
40	20S45A0324	P	P	P	P	P	P	P	P	P	P
41	20S45A0325	P	P	P	P	P	P	P	P	P	P
42	20S45A0326	P	P	P	P	P	P	P	P	P	P
43	20S45A0327	P	P	P	P	P	P	P	P	P	P
44	20S45A0328	P	P	P	P	P	P	P	P	P	P
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46	20S45A0330	P	P	P	P	P	P	P	P	P	P
47	20S45A0331	P	P	P	P	P	P	P	P	P	P
48	20S45A0332	P	P	P	P	P	P	P	P	P	P
49	20S45A0333	P	P	P	P	P	P	P	P	P	P
50	20S45A0334	P	P	P	P	P	P	P	P	P	P
51	20S45A0335	P	P	P	P	P	P	P	P	P	P
52	20S45A0336	P	P	P	P	P	P	P	P	P	P
53	20S45A0337	P	P	P	P	P	P	P	P	P	P
54	16S41A0323	P	P	P	P	P	P	P	P	P	P
55	17S41A0306	P	P	P	P	P	P	P	P	P	P
56	17S41A0324	P	P	P	P	P	P	P	P	P	P
57	17S41A0330	P	P	P	P	P	P	P	P	P	P
58	15S41A0321	P	P	P	P	P	P	P	P	P	P
59	18S41A0301	P	P	P	P	P	P	P	P	P	P
60	18S41A0303	P	P	P	P	P	P	P	P	P	P
61	18S41A0305	P	P	P	P	P	P	P	P	P	P
62	18S41A0307	P	P	P	P	P	P	P	P	P	P
63	18S41A0308	P	P	P	P	P	P	P	P	P	P
64	18S41A0309	P	P	P	P	P	P	P	P	P	P
65	18S41A0311	P	P	P	P	P	P	P	P	P	P
66	18S41A0312	P	P	P	P	P	P	P	P	P	P
67	19S45A0301	P	P	P	P	P	P	P	P	P	P
68	19S45A0302	P	P	P	P	P	P	P	P	P	P
69	19S45A0303	P	P	P	P	P	P	P	P	P	P
70	19S45A0304	P	P	P	P	P	P	P	P	P	P
71	19S45A0305	P	P	P	P	P	P	P	P	P	P
72	19S45A0306	P	P	P	P	P	P	P	P	P	P
73	19S45A0307	P	P	P	P	P	P	P	P	P	P
74	19S45A0308	P	P	P	P	P	P	P	P	P	P
75	19S45A0309	P	P	P	P	P	P	P	P	P	P

HOD
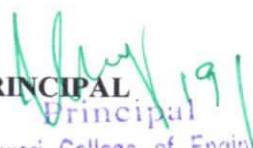
PRINCIPAL
Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 20.01.2021

Department of Mechanical Engineering

REPORT

Academic Year: 2020-2021

Class & Semester: ME II Year I Semester & III Year I Semester

Title: Finite Element Modeling using Hypermesh

Duration: 30 Hours (3 hours per day) during to 04-01-2021 TO 19-01-2021

Name of the Faculty (Coordinator): G.THIRUPATHI REDDY

Number Students Completing the Add On/Certificate Course: 67

Summary Report with Outcome:

Hypermesh training course enables participants to work on Hypermesh 12.0 software, a computer aided engineering (CAE) simulations software platform. The training enables the trainees to create finite element models for analysis and prepare high-quality meshes in an efficient manner. This program offers the skills needed to work with geometry editing tools for preparing CAD models for the meshing process. During the Hypermesh training, the attendees will have knowledge about the Batch Meshing technique that facilitates users to mesh several files in the background to match the standards set by users

Signature of faculty

VAAGESWARI COLLEGE OF ENGINEERING

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(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 20-01-2021

<u>Certificate</u>

This is to certify that Mr.G.Thirupathi Reddy, Assistant Professor, Department of Mechanical Engineering has designed and developed the curriculum for Add on/Certificate course on "**Finite Element Modeling using Hypermesh**" conducted during academic year 2020-21.

HOD

PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 20-01-2021

Certificate

This is to certify that Mr.V.Arun Pandu, Assistant Professor, Department of Mechanical Engineering has designed and developed the curriculum for Add on/Certificate course on "**Finite Element Modeling using Hypermesh**" conducted during academic year 2020-21.

HOD

PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

"Finite Element Modeling using Hypermesh"

A ADD ON CERTIFICATE COURSE ON "Finite Element Modeling using Hypermesh"

04-01-2021to 19-01-2021

FEEDBACK FORM

Learners Name _B. Manideep_ **Branch/Year** _Mechanical / II year_

Please complete the evaluation for add-on certificate course on "Finite Element Modeling using Hypermesh". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective		✓		

Suggestions

Provide reference work

Thank You for taking the time to help us improve our training.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

"Finite Element Modeling using Hypermesh"

A ADD ON CERTIFICATE COURSE ON "Finite Element Modeling using Hypermesh"

04-01-2021to 19-01-2021

FEEDBACK FORM

Learners Name _K. Aravind_   **Branch/Year** _III year_

Please complete the evaluation for add-on certificate course on "Finite Element Modeling using Hypermesh". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient	✓			
Questions were encouraged		✓		
The presenter's presentation was effective	✓			

Suggestions

explain with more working models on machine

Thank You for taking the time to help us improve our training.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

"Finite Element Modeling using Hypermesh"

A ADD ON CERTIFICATE COURSE ON "Finite Element Modeling using Hypermesh"

04-01-2021to 19-01-2021

FEEDBACK FORM

Learners Name ___G. Vamshi___ Branch/Year___III – Year___

Please complete the evaluation for add-on certificate course on "Finite Element Modeling using Hypermesh". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective		✓		

Suggestions

___Increase practical Sessions___

Thank You for taking the time to help us improve our training.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

"Finite Element Modeling using Hypermesh"

A ADD ON CERTIFICATE COURSE ON "Finite Element Modeling using Hypermesh"

04-01-2021to 19-01-2021

FEEDBACK FORM

Learners Name _CH. umesh_ **Branch/Year** _II year_

Please complete the evaluation for add-on certificate course on "Finite Element Modeling using Hypermesh". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need		✓		
Duration of course is sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

Suggestions

Increase practial Sessions.

Thank You for taking the time to help us improve our training.

VAAGESWARI COLLEGE OF ENGINEERING
Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

"Finite Element Modeling using Hypermesh"

A ADD ON CERTIFICATE COURSE ON "Finite Element Modeling using Hypermesh"

04-01-2021to 19-01-2021

FEEDBACK FORM

Learners Name **T -Ankitha**   Branch/Year **Mechanical/ II year**

Please complete the evaluation for add-on certificate course on "Finite Element Modeling using Hypermesh". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

Suggestions

_____Improve Section Session on 3D Meshing_____

_____

_____

Thank You for taking the time to help us improve our training.

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr./Ms. __B. Manideep__ has

Hall Ticket No. __195YIA0301__ of __I year__

successfully completed __Finite Element Modeling using Hypermesh__

Organized by the Department of __Mechanical__

From __04-01-2021__ to __19-01-2021__ _____ Hrs.

Coordinator   Co-coordinator   Head   Principal

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr./Ms. _G. Vamshi_

Hall Ticket No. _19545A0308_ of _III_ year has

successfully completed _Finite Element Modeling using Hypermesh_

Organized by the Department of _Mechanical_

From _04-01-2021_ to _19-01-2021_ _____ Hrs.

Coordinator

Co-coordinator

Head

Principal

Vaageswari College
Principal
Engineering

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. __K. Aravind__

Hall Ticket No. __18S41A0307__ of __III year__ has

successfully completed __Finite Element Modeling using Hypermesh__

Organized by the Department of __Mechanical__

From __04-01-2021__ to __19-01-2021__ _____ Hrs.

Coordinator

Co-coordinator

Head

Principal

Vaageswari College of Engineering

Principal

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. ___CH. Umesh___

Hall Ticket No. ___205y5A0306___ of ___II year___ has

successfully completed ___Finite Element Modeling using Hypermesh___

Organized by the Department of ___Mechanical___

From ___04-01-2021___ to ___19-01-2021___ Hrs.

Coordinator

Co-coordinator

Head
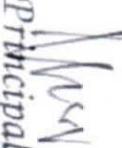
Principal

Principal
Vaageswari

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station., Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. T. Ankitha

Hall Ticket No. 20S45A0333 of II year

has successfully completed Finite Element Modeling using Hypermesh

Organized by the Department of Mechanical

From 04-01-2021 to 19-01-2021 Hrs.

Coordinator

Co-coordinator

Head

Principal

CERTIFICATE PROGRAM
On
Finite Element Analysis using ANSYS

Organized By

DEPARTMENT OF MECHANICAL

09ᵀᴴ JUNE 2021

TO

25ᵀᴴ JUNE 2021

(2 Hours) From 2.30 pm to 4.30 pm

Registration on or before 09ᵀᴴ JUNE 2021

Finite Element Analysis using ANSYS:

 This is an introductory course on Finite element Analysis (FEA) using ANSYS and is specially meant for Engineering Students and practicing professionals. ANSYS is a popular and well recognized general purpose finite element modelling package for numerically solving a large range of problems including static, dynamic mechanical, structural analysis (linear and non-linear), heat transfer and fluid problems, as well as acoustic and electromagnetic problems. It is widely used in the mechanical, automobile, structural, chemical and aeronautical industries. The main objective is to introduce to the Finite Element Analysis (FEA) concepts and make familiar with the tools and techniques of the ANSYS software package

PROGRAMME OUTCOME:

- ❖ At the end of the course the participant will be able to use the ANSYS package to solve basic engineering analysis problems using FEA techniques.
- ❖ The participants should have some basic concept of engineering mechanics and familiarity with desktop environment.
- ❖ Student will able to numerically solving a large range of problems including static, dynamic mechanical, structural analysis (linear and non-linear), heat transfer and fluid problems, as well as acoustic and electromagnetic problems
- ❖ The students will understand the importance of Ansys tool

For Further Information Contact

Coordinator

Mr D.Vijay Kumar
Asst, Prof, Dept. of ME
9603372555

Co-Coordinator

Mrs.J.saritha
Asst, Prof, Dept. of ME

Date: 29-05-2021

To,

The Principal,
Vaagesawari college of Engineering,

Sub: Requisition: To conduct add-on certificate program on "Finite Element Analysis using ANSYS" for our mechanical students from 09-06-2021 To26-06-2021-reg.

It is pleasure to inform you that we Mechanical Department is planning to conduct a certificate course on "Finite Element Analysis using Ansys" for our Mechanical Students from 09-06-2021 To26-06-2021.

This is an introductory course on Finite element Analysis (FEA) using ANSYS and is specially meant for Engineering Students and practicing professionals. ANSYS is a popular and well recognized general purpose finite element modeling package for numerically solving a large range of problems including static, dynamic mechanical, structural analysis (linear and non-linear), heat transfer and fluid problems, as well as acoustic and electromagnetic problems. It is widely used in the mechanical, automobile, structural, chemical and aeronautical industries. The main objective is to introduce to the Finite Element Analysis (FEA) concepts and make familiar with the tools and techniques of the ANSYS software package.

In this connection we request you to consider our request and give us permission to conduct the above said course. We are planning to give training during timings 10AM-4PM.We are looking forward to hear from you soon regarding this approval. This is for your information sir and kind approval sir.

Thanking you sir,

Yours faithfully

Course coordinator

To
HODmech.sir.
permitted

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 02-06-2021

CIRCULAR

All the staff and students of Vaageswari college of Engineering are here by informed that Department of Mechanical Engineering is going to organize a CERTIFICATE PROGRAM to Mechanical students on "**Finite Element Analysis using ANSYS**" form 09-06-2021 to 25-06-2021

Note: For Further details please contact course coordinator Mr.D.Vijay Kumar. Asst.Prof. of ME

HOD

PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Type of Course: Certificate Course

Title of the course : Finite Element Analysis using ANSYS

Duration of course : 15 days

Dates: 09-06-2021 to 25-06-2021

Topics Covered:

- Module I – Creating Geometry
- Module II-model Creation
- Module III-Meshing
- Module IV- modification
- Module IV- Linear and Non-linear Analysis

Days	Topics covered
Day 1	Geometry commands - Points, curves, boundary surfaces and surfaces. Mid surfacing operations, Curve from surface operations.
Day 2	Solid operations, Copying and Positioning operations.
Day 3	Coordinate system options, Node, material and property options, Element types
Day 4	2D Orthotropic Material and Layup/property options, Plate and laminate element options
Day 5	Load Set and Body Load options, Plate and laminate element options, Load Set and Body Load options, Remaining 'Load' sub menu options
Day 6	Constraint sub menu options, Analysis sub menu options
Day 7	Mesh Control sub menu, size on geometry options, Mesh control sub menu, custom size on curve options, Remaining mesh control sub menu option
Day 8	Geometry sub menu options, Between, Region, Connect and Transition commands, Interactive editing, remesh and edge member options, Copy, Radial Copy, Scale and Rotate options, Reflect and Extrude options, Revolve and Sweep options
Day 9	Curve Operations such as Trim, Extend etc. Project Operations - Nodes or Points onto Geometry, Move To and Move By sub menu operations, Rotate To, Rotate By and Align sub menu operations
Day 10	Scaling operations, Editing Operations on FE Entities, Editing Color thru Associativity Operations on FE Entities, Update Elements sub menu Part 1, top portion, Update Elements sub menu - Line Element options, Update Elements sub menu - 2D Element options
Day11	Meshing Toolbox , Post Processing Toolbox Tools - Deform Contour Freebody, Data Table and Entity Editor Window Panes
Day12	Cantilever Beam Model from Scratch, Linear Static Analysis, Cantilever Beam Model with Gap Contact
Day13	Nonlinear Static Analysis
Day14	Sandwich Panels, Linear Static Contact with Separation,
Day15	Plate Nonlinear Transient Response Analysis

HOD

Principal

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year: 2020-2021

Class & Semester: ME III-II & IV-II

Title of Add on Course: Finite Element Analysis using ANSYS

Course Duration: 30 Hours (2 hours per day) during 09-06-2021 TO 25-06-2021.

Name of the Faculty (Coordinator): Mr.D.VIJAY KUMAR

S.NO.	HALL TICKET NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	19S45A0310	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	19S45A0311	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	19S45A0312	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	19S45A0313	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	19S45A0314	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	19S45A0315	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	19S45A0316	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	19S45A0317	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	19S45A0318	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	19S45A0319	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	19S45A0320	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	19S45A0321	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	19S45A0322	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	19S45A0323	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	19S45A0324	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	19S45A0325	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	19S45A0326	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	16S41A0306	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	16S41A0317	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	17S41A0302	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	17S41A0303	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	17S41A0304	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	17S41A0305	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	17S41A0307	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	17S41A0308	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	17S41A0309	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	17S41A0310	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	17S41A0311	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	17S41A0312	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	17S41A0314	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	17S41A0317	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	17S41A0318	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	17S41A0319	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

34	17S41A0320	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	17S41A0321	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	17S41A0322	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	17S41A0323	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	17S41A0325	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	17S41A0326	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	17S41A0327	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	17S41A0328	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	17S41A0329	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	17S45A0302	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	18S45A0302	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	18S45A0303	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	18S45A0304	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	18S45A0305	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	18S45A0306	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	18S45A0307	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	18S45A0308	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	18S45A0309	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	18S45A0310	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	18S45A0311	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	18S45A0312	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	18S45A0313	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	18S45A0314	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	18S45A0315	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	18S45A0316	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	18S45A0317	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	18S45A0318	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	18S45A0319	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	18S45A0320	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	18S45A0321	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	18S45A0322	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	18S45A0323	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	18S45A0324	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	18S45A0325	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

HOD

PRNCIPAL

Principal

Vaageswari College of Engineering

KARIMNAGAR-505 527.

Date: 26.06.2021

REPORT

Academic Year: 2020-2021

Class & Semester: ME III Year II Semester & IV Year II Semester

Title of Add on Course: Finite Element Analysis using ANSYS

Course Duration: 30 Hours (2 hours per day) during 09-06-2021 TO 25-06-2021

Name of the Faculty (Coordinator): Mr D.Vijay Kumar

Number Students Completing the Add On Course: 67

Summary Report of the Programme with Outcome:

This is an introductory course on Finite element Analysis (FEA) using ANSYS and is specially meant for Mechanical Engineering Students. ANSYS is a popular and well recognized general purpose finite element modeling package for numerically solving a large range of problems including static, dynamic mechanical, structural analysis (linear and non-linear), heat transfer and fluid problems, as well as acoustic and electromagnetic problems. It is widely used in the mechanical, automobile, structural, chemical and aeronautical industries.

Students are able to use ansys package to solve basic engineering analysis problems using FEA techniques and numerically solving a large range of problems including static, dynamic mechanical, structural analysis (linear and non-linear), heat transfer and fluid problems, as well as acoustic and electromagnetic problems.

Signature of faculty

1)

2)

VAAGESWARI COLLEGE OF ENGINEERING

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Date: 26-06-2021

Certificate

This is to certify that Mr. D.Vijay Kumar Assistant professor Of Mechanical Department has designed the curriculum for Add on course on "Finite Element Analysis using ANSYS" conducted during academic year 2020-21.

HOD

PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

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(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 26-06-2021

Certificate

This is to certify that Mrs.J.Saritha Assistant professor of Mechanical Department has designed and developed the curriculum for Add on Program on "Finite Element Analysis using ANSYS" conducted during academic year 2020-21.

HOD

PRINCIPAL

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Vaageswari College of Engineering
KARIMNAGAR-505 527.

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"Finite Element Analysis using ANSYS"

A ADD ON CERTIFICATE COURSE ON "Finite Element Analysis using ANSYS"

09-06-2021 TO 25-06-2021.

FEEDBACK FORM

Learners Name *P. Saiteja*   **Branch/Year** *III yr*

Please complete the evaluation for add-on certificate course on "Finite Element Analysis using ANSYS". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient	✓			
Questions were encouraged		✓		
The presenter's presentation was effective		✓		

Suggestions

Increase sessions on 3d-meshing.

Thank You for taking the time to help us improve our training.

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"Finite Element Analysis using ANSYS"

A ADD ON CERTIFICATE COURSE ON "Finite Element Analysis using ANSYS"

09-06-2021 TO 25-06-2021.

FEEDBACK FORM

Learners Name L. Jeevan _____ **Branch/Year** III year _____

Please complete the evaluation for add-on certificate course on "Finite Element Analysis using ANSYS". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective		✓		

Suggestions

Increase sessions on Analysis part. _____

_____

_____

_____

Thank You for taking the time to help us improve our training.

VAAGESWARI COLLEGE OF ENGINEERING

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"Finite Element Analysis using ANSYS"

A ADD ON CERTIFICATE COURSE ON "Finite Element Analysis using ANSYS"

09-06-2021 TO 25-06-2021.

FEEDBACK FORM

Learners Name __U·Srikanth_____ Branch/Year _____IIIrd_____

Please complete the evaluation for add-on certificate course on "Finite Element Analysis using ANSYS". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

Suggestions

__Require more practical sessions.__

Thank You for taking the time to help us improve our training.

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"Finite Element Analysis using ANSYS"

A ADD ON CERTIFICATE COURSE ON "Finite Element Analysis using ANSYS"

09-06-2021 TO 25-06-2021.

FEEDBACK FORM

Learners Name _V. Akshay Kumar_ **Branch/Year** _IV year_

Please complete the evaluation for add-on certificate course on "Finite Element Analysis using ANSYS". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

Suggestions

Please Provide more reference books

Thank You for taking the time to help us improve our training.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

"Finite Element Analysis using ANSYS"

A ADD ON CERTIFICATE COURSE ON "Finite Element Analysis using ANSYS"

09-06-2021 TO 25-06-2021.

FEEDBACK FORM

Learners Name _MD. Sajid_ **Branch/Year** _IV year_

Please complete the evaluation for add-on certificate course on "Finite Element Analysis using ANSYS". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient		✓		
Questions were encouraged			✓	
The presenter's presentation was effective	✓			

Suggestions

We need more course, which will be more useful In enhancing our knwlodge.

Thank You for taking the time to help us improve our training.

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. __MD. Sajid__

Hall Ticket No. __17S4A0309__ of __IV year__ has

successfully completed __Finite Element Analysis using ANSys__

Organized by the Department of __Mechanical__

From __09-06-2021__ to __25-06-2021__ Hrs.

Coordinator

Co-coordinator

Head

Principal

Vaageswari Coll
K
Engineerin
505 527.

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

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Certificate of Participation

This is to certify that Mr./Ms. __P. Saiteja__

Hall Ticket No. __18545A0314__ of __IV__ year

successfully completed __Finite Element Analysis using ANSYS__ has

Organized by the Department of __Mechanical__

From __09-06-2021__ to __25-06-2021__ __Hrs.__

Coordinator

Co-coordinator

Head

Principal

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station., Ramakrishna Colony, Karimnagar, Karimnagar-505 481 (T.S.)

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Certificate of Participation

This is to certify that Mr./Ms. __L. Jeevan__

Hall Ticket No. __19545A0310__ of __III__ year has

successfully completed __Finite Element Analysis using ANSYS__

Organized by the Department of __Mechanical__

From __09-06-2021__ to __25-06-2021__ Hrs.

Coordinator

Co-coordinator

Head

Principal

Principal
Vaageswari College of
KARIMNAG

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

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Certificate of Participation

This is to certify that Mr. / Ms. _U. Srikanth_ _____ has

Hall Ticket No. _19U45A0326_ of _III year_ _____

successfully completed _Finite Element Analysis using ANSYS_

Organized by the Department of _Mechanical_ _____

From _09-06-2021_ to _25-06-2021_ _____ Hrs.

Coordinator

Co-coordinator

Head

Principal

Vaageswari College of Engineering
KARIMNAGAR-505
Principal

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

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Certificate of Participation

This is to certify that Mr./Ms. **V. Akshay Kumar**

Hall Ticket No. **17541A0329** of **IV** year has

successfully completed **Finite Element Analysis using ANSYS**

Organized by the Department of **Mechanical**

From **09-06-2021** to **25-06-2021** Hrs.
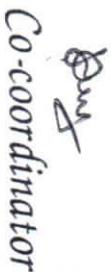
Coordinator

Co-coordinator

Head
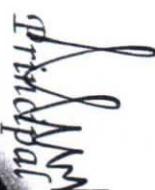
Principal

Date: 04-02-2020

To,

The Principal,
Vaagesawari college of Engineering,

Sub: Requisition : To conduct add-on/Certificate program on"Solid Modeling and Surface Designing using CATIA V5" to mechanical students from 13-02-2020 to 26-02-2020-reg.

It is pleasure to inform you that the Department of Mechanical Engineering is planning to conduct a Add on/Certificate course"Solid Modeling and Surface Designing using CATIA V5" from 13-02-2020 to 26-02-2020.

CATIA V5 Fundamentals provides the student with a general understanding of all core design courses offered by Contract Cad Services. It is the prerequisite for sub sequential training in CATIA V5. The course introduces to the student to the CATIA V5 environment with emphasis on the use of the Sketcher Workbench. It also presents an overview of the Part Design, Generative Shape Design, and Assembly Design.

In this connection, I request you to grant permission to conduct the above said course. I am looking forward to hear from you soon regarding this approval. This is for your information and kind approval.

Thanking you sir,

Yours faithfully

Course coordinator

Permitted

CERTIFICATE PROGRAM
On
Solid Modeling and Surface Designing using CATIA V5
Organized By

DEPARTMENT OF MECHANICAL ENGINEERING

13TH FEBRUARY 2020

TO

26TH FEBRUARY 2020

(3 Hours) From 1.30 pm to 4.30 pm

Registration On or before 13TH FEBRUARY 2020

Solid Modeling and Surface Designing using CATIA V5:

CATIA V5 Fundamentals provides the student with a general understanding of all core design courses It is the prerequisite for sub sequential training in CATIA V5.The course introduces to the student to the CATIA V5 environment with emphasis on the use of the Sketcher Workbench. It also presents an overview of the Part Design, Generative Shape Design, and Assembly Design. The instructor performs a series of lectures, demonstrations, exercises and oral quizzes to evaluate the student's comprehension of the course material.

PROGRAMME OUTCOME:
- ❖ Students able to understand the concepts of CAD and CAD tools.
- ❖ Visualize 3D objects using 2D design data.
- ❖ Sketch of Orthogonal Projection using 3D Models.
- ❖ Design and Create Part models and Assembly models.
- ❖ Create Drafting from Part and Assembly Models.

For Further Information Contact

Coordinator

Mr. B.Laxmi Narayana
Asst, Prof, Dept. of ME
7013940430

Co-Coordinator

Mr. N.Raj Kumar
Asst, Prof, Dept. of ME

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 06-02-2020

CIRCULAR

All the staff and students are here by informed that Department of Mechanical Engineering is going to organize a Add on/Certificate Program on **"Solid Modeling and Surface Designing using CATIA V5"** form 13-02-2020 to 26-02-2020

Note: For Further details please contact course coordinator Mr. B. Laxmi Narayana. Asst.Prof. of ME

HOD

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Vaageswari College of Engineering
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Title: Solid Modeling and Surface Designing using CATIA V5

Duration: 10 days

Dates: 13-02-2020 to 26-02-2020

Topics Covered:

- Module I – Sketcher
- Module II- Part Modelling
- Module III- Drafting
- Module IV- Wire-frame Modelling
- Module IV- Assembly & Mechanism

Day Wise Schedule

Days	Topics covered
Day 1	Profile toolbar, operation(corner, chamfer, relimitations, transformations, project 3D element), constraints, types of constraints, workbench.
Day 2	sketch tools, tools(Sketch solving status, sketch analysis, output feature), visualization toolbar, user selection filter.
Day 3	Material Addition and Removal (Pad, Pocket, Shaft, Groove), Sketch and Positioned Sketch, Types of Fillets, Types of Chamfer, Types of Hole.
Day 4	Pattern (Rectangular, Circular, User) , Thread/Tap, Datum Features (Plane, Axes, Points),Simple Draft. Frequently used commands for Machined components in Catia
Day 5	Advance Design features :-Axis System, Types of draft, Shell, Stiffener, rib slot, Multisection solid, Removed multisection solid, Apply Material, Measure, Render.
Day 6	Copy Paste, Paste special, Insert body, Boolean Operations (Add,remove,Intersect), Transformation(Translation, Mirror, Scaling, Affinity).
Day 7	Introduction To Drafting & Detailing Initial Drafting setting, Sheet Background, Views (ortho, ISO), Dimensions (Types-Generate Dimension & Create Dimension).
Day 8	Views:- (Aux, Section, Details, Clipping, Broken), View properties, DATUMS & Tolerance, GD & T, Symbols
Day 9	Surfacing Modeling based Plastic Component:- Environment, Tool bars, Surface Creation (Extrude, Revolve, Sphere, Cylinder), Surface modification, Surface Editing (Trim, Split, Shape Fillet, Close Surface, Thickness)
Day 10	Surfacing:-Offset(All 3 types), Fill, Blend, Join, healing, Project-Combine. Advanced Surfacing:- Adaptive Sweep, Sweep(ALL), Multisection Surface,Wire-frame Modeling:- Point, Line, Planes, Curves, Circle-Conic, STANDARD EXAMPLES. Use of wire frame modeling.

HOD

PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year: 2019-2020

Class & Semester: ME III-II & IV-II

Title : Solid Modeling and Surface Designing using CATIA V5

Duration: 30 Hours (3 hours per day) during13-02-2020 to 26-02-2020.

Name of the Faculty (Coordinator): Mr. B.Laxmi Narayana

S.NO.	HALL TICKET NUMBER	1	2	3	4	5	6	7	8	9	10
1	14281A0310	P	P	P	P	P	P	P	P	P	P
2	14S41A0374	P	P	P	P	P	P	P	P	P	P
3	16S41A0301	P	P	P	P	P	P	P	P	P	P
4	16S41A0302	P	P	P	P	P	P	P	P	P	P
5	16S41A0305	P	P	P	P	P	P	P	P	P	P
6	16S41A0307	P	P	P	P	P	P	P	P	P	P
7	16S41A0309	P	P	P	P	P	P	P	P	P	P
8	16S41A0311	P	P	P	P	P	P	P	P	P	P
9	16S41A0312	P	P	P	P	P	P	P	P	P	P
10	16S41A0313	P	P	P	P	P	P	P	P	P	P
11	16S41A0314	P	P	P	P	P	P	P	P	P	P
12	16S41A0315	P	P	P	P	P	P	P	P	P	P
13	16S41A0316	P	P	P	P	P	P	P	P	P	P
14	16S41A0318	P	P	P	P	P	P	P	P	P	P
15	16S41A0320	P	P	P	P	P	P	P	P	P	P
16	16S41A0321	P	P	P	P	P	P	P	P	P	P
17	16S41A0325	P	P	P	P	P	P	P	P	P	P
18	16S41A0327	P	P	P	P	P	P	P	P	P	P
19	16S41A0328	P	P	P	P	P	P	P	P	P	P
20	17S45A0301	P	P	P	P	P	P	P	P	P	P
21	17S45A0303	P	P	P	P	P	P	P	P	P	P
22	17S45A0305	P	P	P	P	P	P	P	P	P	P
23	17S45A0306	P	P	P	P	P	P	P	P	P	P
24	17S45A0307	P	P	P	P	P	P	P	P	P	P
25	17S45A0308	P	P	P	P	P	P	P	P	P	P
26	17S45A0309	P	P	P	P	P	P	P	P	P	P
27	17S45A0310	P	P	P	P	P	P	P	P	P	P
28	17S45A0311	P	P	P	P	P	P	P	r	P	P
29	17S45A0312	P	P	P	P	P	P	P	P	P	P
30	17S45A0313	P	P	P	P	P	P	P	P	P	P
31	17S45A0314	P	P	P	P	P	P	P	P	P	P
32	17S45A0315	P	P	P	P	P	P	P	P	P	P
33	17S45A0316	P	P	P	P	P	P	P	P	P	P
34	17S45A0317	P	P	P	P	P	P	P	P	P	P

35	17S45A0318	P	P	P	P	P	P	P	P	P	P
36	17S45A0319	P	P	P	P	P	P	P	P	P	P
37	17S45A0320	P	P	P	P	P	P	P	P	P	P
38	17S45A0321	P	P	P	P	P	P	P	P	P	P
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40	17S45A0324	P	P	P	P	P	P	P	P	P	P
41	17S45A0325	P	P	P	P	P	P	P	P	P	P
42	17S45A0326	P	P	P	P	P	P	P	P	P	P
43	16S41A0306	P	P	P	P	P	P	P	P	P	P
44	16S41A0317	P	P	P	P	P	P	P	P	P	P
45	17S41A0302	P	P	P	P	P	P	P	P	P	P
46	17S41A0303	P	P	P	P	P	P	P	P	P	P
47	17S41A0304	P	P	P	P	P	P	P	P	P	P
48	17S41A0305	P	P	P	P	P	P	P	P	P	P
49	17S41A0307	P	P	P	P	P	P	P	P	P	P
50	17S41A0308	P	P	P	P	P	P	P	P	P	P
51	17S41A0309	P	P	P	P	P	P	P	P	P	P
52	17S41A0310	P	P	P	P	P	P	P	P	P	P
53	17S41A0311	P	P	P	P	P	P	P	P	P	P
54	17S41A0312	P	P	P	P	P	P	P	P	P	P
55	17S41A0314	P	P	P	P	P	P	P	P	P	P
56	17S41A0317	P	P	P	P	P	P	P	P	P	P
57	17S41A0318	P	P	P	P	P	P	P	P	P	P
58	17S41A0319	P	P	P	P	P	P	P	P	P	P
59	17S41A0320	P	P	P	P	P	P	P	P	P	P
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62	17S41A0323	P	P	P	P	P	P	P	P	P	P
63	17S41A0325	P	P	P	P	P	P	P	P	P	P
64	17S41A0326	P	P	P	P	P	P	P	P	P	P
65	17S41A0327	P	P	P	P	P	P	P	P	P	P
66	17S41A0328	P	P	P	P	P	P	P	P	P	P
67	17S41A0329	P	P	P	P	P	P	P	P	P	P

HOD

PRINCIPAL
Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

Date: 27.02.2020

REPORT

Academic Year: 2019-2020

Class & Semester: ME III Year II Semester & IV Year II Semester

Title: Solid Modeling and Surface Designing using CATIA V5

Course Duration: 30 Hours (3 hours per day) during to 13-02-2020 to 26-02-2020

Name of the Faculty (Coordinator): Mr B.Laxmi Narayana

Number Students Completed Add On/Certificate Course: 97

Summary Report of the Programme with Outcome:

The course introduces to the student to the CATIA V5 environment with emphasis on the use of the Sketcher Workbench. It also presents an overview of the Part Design, Generative Shape Design, and Assembly Design. The instructor performs a series of lectures, demonstrations, exercises and oral quizzes to evaluate the student's comprehension of the course material.

Students able to understand the concepts of CAD and CAD tools, Visualize 3D objects using 2Ddesign data, Sketch of Orthogonal Projection using 3D Models and Design and Create Part models and Assembly models and Create Drafting from Part and Assembly Models

Signature of Faculty

1.

2.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 02-03-2020

Certificate

This is to certify that Mr.B.Laxmi Narayana Assistant professor, Department of Mechanical Engineering has designed and developed the curriculum for Add on/Certificate course "Solid Modeling and Surface Designing using CATIA V5 " conducted during academic year 2019-20,

HOD

PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 02-03-2020

Certificate

This is to certify that Mr.N.Raj Kumar Assistant professor, Department of Mechanical
Engineering has designed and developed the curriculum for Add on/Certificate course "Solid
Modeling and Surface Designing using CATIA V5 " conducted during academic year 2019-20,

HOD

PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

"Solid Modeling and Surface Designing using CATIA V5"

A ADD ON CERTIFICATE COURSE ON "Solid Modeling and Surface Designing using CATIA V5"

13-02-2020 to 26-02-2020

FEEDBACK FORM

Learners Name _____M. Rohit_____ Branch/Year ___ME/ IV___

Please complete the evaluation for add-on certificate course on "Solid Modeling and Surface Designing using CATIA V5". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective		✓		

Suggestions

___Increase sessions of Part Modeling___

Thank You for taking the time to help us improve our training.

"Solid Modeling and Surface Designing using CATIA V5"

A ADD ON CERTIFICATE COURSE ON "Solid Modeling and Surface Designing using CATIA V5"

13-02-2020 to 26-02-2020

FEEDBACK FORM

Learners Name _MD. Feroz_ **Branch/Year** _Mechinical 4th Year_

Please complete the evaluation for add-on certificate course on "Solid Modeling and Surface Designing using CATIA V5". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

Suggestions

Required more Practical Sessions

Thank You for taking the time to help us improve our training.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

"Solid Modeling and Surface Designing using CATIA V5"

A ADD ON CERTIFICATE COURSE ON "Solid Modeling and Surface Designing using CATIA V5"

13-02-2020 to 26-02-2020

FEEDBACK FORM

Learners Name _R. Ajith Kumar_   Branch/Year _Mechanical / III year_

Please complete the evaluation for add-on certificate course on "Solid Modeling and Surface Designing using CATIA V5". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

Suggestions

Require more sessions in Assembly moulding

Thank You for taking the time to help us improve our training.

"Solid Modeling and Surface Designing using CATIA V5"

A ADD ON CERTIFICATE COURSE ON "Solid Modeling and Surface Designing using CATIA V5"

13-02-2020 to 26-02-2020

FEEDBACK FORM

Learners Name ___S. Manideep___ Branch/Year___ME/IV___

Please complete the evaluation for add-on certificate course on "Solid Modeling and Surface Designing using CATIA V5". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective		✓		

Suggestions

___Provide reference material.___

Thank You for taking the time to help us improve our training.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

"Solid Modeling and Surface Designing using CATIA V5"

A ADD ON CERTIFICATE COURSE ON "Solid Modeling and Surface Designing using CATIA V5"

13-02-2020 to 26-02-2020

FEEDBACK FORM

Learners Name ___D. Aravind___ Branch/Year___ME/IV___

Please complete the evaluation for add-on certificate course on "Solid Modeling and Surface Designing using CATIA V5". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective		✓		

Suggestions

___Increase sessions on surface Designing.___

Thank You for taking the time to help us improve our training.
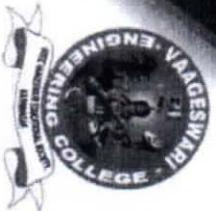
VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr./Ms. M. Rohit

Hall Ticket No. 17S49A0315 of IV year has

successfully completed Solid Modeling and Surface Designing using CATIA V5

Organized by the Department of Mechanical

From 13-02-2020 to 26-02-2020 Hrs.

Coordinator

Co-coordinator

Head

Principal

Principal
Vaageswari College of Engineering
KAR-505 527

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr./Ms. __S. Manideep__

Hall Ticket No. __18545A0317__ of __III__ year

successfully completed __Solid Modeling and Surface Designing using CATIA V5__ has

Organized by the Department of __Mechanical__

From __13-02-2020__ to __26-02-2020__ _____ Hrs.

Coordinator

Co-coordinator

Head

Principal

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr./Ms. _M.D. Feroz_

Hall Ticket No. _16541A0309_ of _IV year_ has

successfully completed _Solid Modeling and Surface Designing using CATIA V5_

Organized by the Department of _Mechanical_

From _13-02-2020_ to _26-02-2020_ _____ Hrs.

Coordinator

Co-rodinator

Head

Principal

Vaageswari Co
505 527.

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr./Ms. __D. Aravind__

Hall Ticket No. __17S45A0309__ of __IV year__ has

successfully completed __Solid Modelling and Surface Designing using CATIA V5__

Organized by the Department of __Mechanical__

From __13-02-2020__ to __26-02-2020__ Hrs.

Coordinator

Co-coordinator

Head

Principal

Vaageswari College of Er
KARIMNAGAR-505

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. __R. Ajith Kumar__

Hall Ticket No. __18S45A0316__ of __III year__ has

successfully completed __Solid Modeling and Surface Designing using CATIA V5__

Organized by the Department of __Mechanical__

From __13-02-2020__ to __26-02-2020__ Hrs.

Coordinator

Co-coordinator

Head

Principal

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 4

CERTIFICATE PROGRAM
On

AUTOMOTIVE SHEET METAL DESIGN USING NX CAD

Organized By

DEPARTMENT OF MECHANICAL

18TH September 2019

TO

3rd October 2019

(3 Hours) From 1.30 pm to 4.30 pm

Registration before 18th September 2019

AUTOMOTIVE SHEET METAL DESIGN USING NX CAD:

The Automotive Sheet Metal Design using NX CAD course provides an outline of the current Body in White (BIW) component design factors and detailed explanations about their significance to part function, cost, and reliability. students are introduced to the basics of automobiles along with different models of car bodies. The basics of steel and its properties are covered in details because steel is an important component used in automobiles. The basics of steel and its properties are covered in details because steel is an important component used in automobiles

PROGRAMME OUTCOME:

❖ basics of modeling, implementing metal sheet design constraints, and creating realistic industry models Have a general understanding of Machine Programming principles
❖ After completion of this course, Students learn more about the fundamentals of photo-realistic rendering, part modelling, and assembly.
❖ application of varying tolerance signs, basics of component designing of Body in White (BIW), the life cycle of product and design, and how to prepare draft design with GD&T.

For Further Information Contact

Coordinator

Mr. J.Vijay Kumar
Asst.Prof, Dept. of ME
9603496620

Co-Coordinator

Mr K. Raja pranav
Asst.Prof, Dept. of ME

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 07-09-2019

To,

The Principal,
Vaagesawari college of Engineering,

Sub: Requisition : To conduct add-on/Certificate program on "Automotive Sheet metal design using NXCAD" for mechanical students from 18-09-2019 to 03-10-2019-reg.

It is pleasure to inform you that the Department Mechanical Engineering is planning to conduct a add on/Certificate course   on "Automotive Sheet metal design using NXCAD" from 18-09-2019 to 03-10-2019.

This is an introductory course on the Automotive Sheet Metal Design using NX CAD course provides an outline of the current Body in White (BIW) component design factors and detailed explanations about their significance to part function, cost, and reliability. Students are introduced to the basics of automobiles along with different models of car bodies.

In this connection, I request you to grant permission to conduct the above said course. I am looking forward to hear from you soon regarding this approval. This is for your information and kind approval.

Thanking you sir,

Yours faithfully

Course coordinator

Date: 10-09-2019

CIRCULAR

All the staff and students are here by informed that Department of Mechanical Engineering is going to organize a Add on/Certificate Program **"AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"** form 18-09-2019 to 03-10-2019.

Note: For Further details please contact course coordinator Mr. J. Vijay Kumar Asst.Prof. of ME
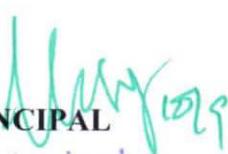
HOD

PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

Title: Automotive sheet metal design using NXCAD

Duration: 10 days

Dates: 18-09-2019 to 03-10-2019

Topics Covered:

- Module I – Vehicle Development Cycle
- Module II- Basics of Automotive Body In White
- Module III- Design Methodology of a Hood, Fender, Roof &side doors
- Module IV- Design of Key Mechanism –Lock and Striker

Day Wise Schedule

Days	Topics covered
Day 1	Introduction about the basics of the automobiles and types of car bodies
Day 2	The complete vehicle development process which will explain the stages crossed by a car before it reaches the customer.
Day 3	Introduction about the basics the automotive BiW, The basics of steel and its properties.
Day 4	Selection of the material, discussion on the cross-functional teams is explained and the need to coordinate with them is explained with the master sections and 3Dcomponents of the parts for easy and clear understanding.
Day 5	BiW components like hood, fender, roof, side, and back doors.
Day 6	The design procedures for all the afore-mentioned parts Design requirements, Functional requirements, Regulations, Gap and flushness requirements Safety requirements
Day 7	Anatomy of a Locker and Striker Mechanism.
Day 8	Detail the development process and design requirements for even the tiniest components.
Day 9	Analyzing the locker and striker mechanism in detail.
Day 10	Case study on the design challenges faced by automotive suppliers and then go over the solution methodologies

HOD

Principal

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year: 2019-2020

Class & Semester: ME II-I & III-I

Title: AUTOMOTIVE SHEET METAL DESIGN USING NX CAD

Duration: 30 Hours (3 hours per day) during 18-09-2019 to 03-10-2019.

Name of the Faculty (Coordinator): Mr. J.Vijay Kumar

S.NO.	HALL TICKET NUMBER	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
1	18S41A0301	P	P	P	P	P	P	P	P	P	P
2	18S41A0303	P	P	P	P	P	P	P	P	P	P
3	18S41A0305	P	P	P	P	P	P	P	P	P	P
4	18S41A0307	P	P	P	P	P	P	P	P	P	P
5	18S41A0308	P	P	P	P	P	P	P	P	P	P
6	18S41A0309	P	P	P	P	P	P	P	P	P	P
7	18S41A0311	P	P	P	P	P	P	P	P	P	P
8	18S41A0312	P	P	P	P	P	P	P	P	P	P
9	19S45A0301	P	P	P	P	P	P	P	P	P	P
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33	19S45A0325	P	P	P	P	P	P	P	P	P	P
34	19S45A0326	P	P	P	P	P	P	P	P	P	P

35	16S41A0306	P	P	P	P	P	P	P	P	P	P
36	16S41A0317	P	P	P	P	P	P	P	P	P	P
37	17S41A0302	P	P	P	P	P	P	P	P	P	P
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40	17S41A0305	P	P	P	P	P	P	P	P	P	P
41	17S41A0307	P	P	P	P	P	P	P	P	P	P
42	17S41A0308	P	P	P	P	P	P	P	P	P	P
43	17S41A0309	P	P	P	P	P	P	P	P	P	P
44	17S41A0310	P	P	P	P	P	P	P	P	P	P
45	17S41A0311	P	P	P	P	P	P	P	P	P	P
46	17S41A0312	P	P	P	P	P	P	P	P	P	P
47	17S41A0314	P	P	P	P	P	P	P	P	P	P
48	17S41A0317	P	P	P	P	P	P	P	P	P	P
49	17S41A0318	P	P	P	P	P	P	P	P	P	P
50	17S41A0319	P	P	P	P	P	P	P	P	P	P
51	17S41A0320	P	P	P	P	P	P	P	P	P	P
52	17S41A0321	P	P	P	P	P	P	P	P	P	P
53	17S41A0322	P	P	P	P	P	P	P	P	P	P
54	17S41A0323	P	P	P	P	P	P	P	P	P	P
55	17S41A0325	P	P	P	P	P	P	P	P	P	P
56	17S41A0326	P	P	P	P	P	P	P	P	P	P
57	17S41A0327	P	P	P	P	P	P	P	P	P	P
58	17S41A0328	P	P	P	P	P	P	P	P	P	P
59	17S41A0329	P	P	P	P	P	P	P	P	P	P

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Vaageswari College of Engineering
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VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

The following students are enrolled and attended Add-on Certificate Course Automotive Sheet Metal Design using NX CAD, (Code: CANXMF) conducted by Mechanical Engineering Department.

S.No	HT NUMBER	NAME OF THE STUDENT
1	18S41A0301	ABDUL HAKAM
2	18S41A0303	GADDALWAR VYANKATESH SANJU
3	18S41A0305	GOLLAPALLI RAKESH
4	18S41A0307	KATHERLA ARAVIND
5	18S41A0308	NAGAVATH SRIDHAR NAYAK
6	18S41A0309	RAGI VENKATESH
7	18S41A0311	SHANIGARAPU SAI KRISHNA
8	18S41A0312	SYED KHALEEL UR RAHMAN
9	19S45A0301	AADI NIKHIL SAI
10	19S45A0302	BAVANDHAPELLI SHIVA KUMAR
11	19S45A0303	BITTI DEEPA
12	19S45A0304	DASARI VAMSHI KRISHNA
13	19S45A0305	DUMPETI PREMCHAND
14	19S45A0306	ERLA ANIL
15	19S45A0307	GADDAM AKSHAY
16	19S45A0308	GUDISE VAMSHI
17	19S45A0309	KOMMU SRINVAS YADAV
18	19S45A0310	LINGAMPALLY JEEVAN
19	19S45A0311	MADASU MADHU KIRAN
20	19S45A0312	MOHAMMED AFZAL
21	19S45A0313	MOHAMMED MOIZUDDIN
22	19S45A0314	MUNEEB ARQHAM
23	19S45A0315	NALLALA SURYA
24	19S45A0316	PANDIRI RAJKUMAR
25	19S45A0317	PETTEM SAILATHA
26	19S45A0318	RONTALA MYSOORA REDDY
27	19S45A0319	SABAVATH DEVISINGH
28	19S45A0320	SHAIK AZAMPASHA

29	19S45A0321	SHAIK NIZAMUDDIN
30	19S45A0322	SINGATHI MANOJ
31	19S45A0323	SHAIK KAREEMUDDIN
32	19S45A0324	SYED ASIM ANSAR
33	19S45A0325	THONTI RAMESH
34	19S45A0326	UDUTHA SRIKANTH
35	16S41A0306	KATUKAM MAHIPAL
36	16S41A0317	POLDASARI ANIL
37	17S41A0302	BATHULA MAHESH
38	17S41A0303	DHUBBAKULA AJITH RAO
39	17S41A0304	GADE MAHENDAR
40	17S41A0305	GANDAM ANWESH
41	17S41A0307	HASSAN SHAKEEL
42	17S41A0308	KASAM SAI KRISHNA REDDY
43	17S41A0309	MD SAJID
44	17S41A0310	MOHAMMAD MUSHRAF UDDIN
45	17S41A0311	MOHAMMAD SALMAN KHAN
46	17S41A0312	MOHAMMED FIRASAT SAYEED
47	17S41A0314	MOHAMMED SUMRAAN KHAN
48	17S41A0317	MOHAMMED ZIA UR RAHAMAN
49	17S41A0318	MOHD ABDUL HASEEB
50	17S41A0319	NEDUNURI NAGENDRABABU
51	17S41A0320	OJJALA PAVAN
52	17S41A0321	PEDDYREDDY RAKESH
53	17S41A0322	SHAIK SUMAIR FIRDOUS
54	17S41A0323	SOMA MAHESH REDDY
55	17S41A0325	SYED THOUSIFUDDIN
56	17S41A0326	TELUKUNTLA AKHIL
57	17S41A0327	UPPULA SRIKANTH
58	17S41A0328	VANGARI RAKESH
59	17S41A0329	VARUKOLU AKSHAY KUMAR
60	17S45A0302	ASHODA VISHNUVARDHAN
61	18S45A0302	ANREDDY SHRAVAN KUMAR
62	18S45A0303	EDULA GEETANJALI
63	18S45A0304	GANGIPELLY RAJU
64	18S45A0306	GOLLAPALLI PAVAN KUMAR

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65		
66	18S45A0306	KANDEM SRUJAN
67	18S45A0307	KOTHAPELLI RAJENDER
68	18S45A0308	MADA MURALIDHARREDDY
69	18S45A0309	METTU ROHITH
70	18S45A0310	MIRZA FEROZULLA BAIG
71	18S45A0311	MOHAMMED AJLALUDDIN
72	18S45A0312	MOHAMMED SHAHNAWAZ
73	18S45A0313	PILAKA VENKATESWAR REDDY
74	18S45A0314	PONNAM SAI TEJA
75	18S45A0315	PULI MALATHI
76	18S45A0316	RAMPALLY AJITH KUMAR
77	18S45A0317	SADINENI MANIDEEP
78	18S45A0318	SANDAVENA NAGARAJU
79	18S45A0319	SHAIKH MASIR
80	18S45A0320	SIDDAM ANILKUMAR
81	18S45A0321	SIRIKONDA VAMSHI KRISHNA
82	18S45A0322	SIRISETTI NAVEEN KUMAR
83	18S45A0323	SRIPATHI HARISH
84	18S45A0324	THOTA ASHWANTH KUMAR
85	18S45A0325	YASHODA RANJITHKUMAR
86	16S41A0374	NERELLA MAHENDER
87	16S41A0301	SRIGADDE SAITEJA
88	16S41A0301	BANDI SIDDARTHA
89	16S41A0302	BODDU RAJKUMAR
90	16S41A0303	KASTURI SAIKUMAR
91	16S41A0304	LAGISHETTI SAIKUMAR
92	16S41A0311	MD FEROZ.
93	16S41A0312	MOHAMMAD FAIZAN MAHMOOD
94	16S41A0313	MOHAMMED JUNAID HABEEBUDDIN
95	16S41A0314	MUDAVATH DHINESH
96	16S41A0315	ODELA HYGREEVA CHARY
97	16S41A0316	PADAM AJAY KUMAR
98		PERAM PRAMOD
99	16S41A0320	RASHEED AHMED KHAN
100	16S41A0321	SRAVAN KUMAR BANDA
		SYED ABDUL AQIB

101	16S41A0325	VANGALA BALARAMA KRISHNA
102	16S41A0327	VELPULA ANIL
103	16S41A0328	VENGALA PRAVEEN
104	17S45A0301	ACHA MAHENDHAR
105	17S45A0303	BALASANI RAVITEJA
106	17S45A0305	BEENAPELLI AJAY
107	17S45A0306	BOMMIDI PAVAN KUMAR
108	17S45A0307	CHERUKUTHOTA UPENDER
109	17S45A0308	CHILLA SAISRUJAN
110	17S45A0309	DULAM ARAVIND
111	17S45A0310	ENDARAPU NAVEEN
112	17S45A0311	GODISHALA SUMANTH GOUD
113	17S45A0312	JANAGAM RAJITHA
114	17S45A0313	KATHERAPAKA GANESH
115	17S45A0314	KODICHERLA ARAVIND
116	17S45A0315	MACHERLA ROHITH
117	17S45A0316	MD MOHAMMAD
118	17S45A0317	MD SHAHNAWAZ KHAN
119	17S45A0318	MOLUGURI SRINIVAS
120	17S45A0319	MOOTA SAICHARAN
121	17S45A0320	NAKKA VISHAL
122	17S45A0321	POTHULA VINAY KUMAR
123	17S45A0322	SHAIK MOHIUDDIN
124	17S45A0324	SYED ASHFAQ AHMED
125	17S45A0325	SYED SAQUIB
126	17S45A0326	VANATADUPULA AKSHAYKUMAR

HoD

Coordinator

35	16S41A0306	P	P	P	P	P	P	P	P	P	P
36	16S41A0317	P	P	P	P	P	P	P	P	P	P
37	17S41A0302	P	P	P	P	P	P	P	P	P	P
38	17S41A0303	P	P	P	P	P	P	P	P	P	P
39	17S41A0304	P	P	P	P	P	P	P	P	P	P
40	17S41A0305	P	P	P	P	P	P	P	P	P	P
41	17S41A0307	P	P	P	P	P	P	P	P	P	P
42	17S41A0308	P	P	P	P	P	P	P	P	P	P
43	17S41A0309	P	P	P	P	P	P	P	P	P	P
44	17S41A0310	P	P	P	P	P	P	P	P	P	P
45	17S41A0311	P	P	P	P	P	P	P	P	P	P
46	17S41A0312	P	P	P	P	P	P	P	P	P	P
47	17S41A0314	P	P	P	P	P	P	P	P	P	P
48	17S41A0317	P	P	P	P	P	P	P	P	P	P
49	17S41A0318	P	P	P	P	P	P	P	P	P	P
50	17S41A0319	P	P	P	P	P	P	P	P	P	P
51	17S41A0320	P	P	P	P	P	P	P	P	P	P
52	17S41A0321	P	P	P	P	P	P	P	P	P	P
53	17S41A0322	P	P	P	P	P	P	P	P	P	P
54	17S41A0323	P	P	P	P	P	P	P	P	P	P
55	17S41A0325	P	P	P	P	P	P	P	P	P	P
56	17S41A0326	P	P	P	P	P	P	P	P	P	P
57	17S41A0327	P	P	P	P	P	P	P	P	P	P
58	17S41A0328	P	P	P	P	P	P	P	P	P	P
59	17S41A0329	P	P	P	P	P	P	P	P	P	P

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Date: 04-10-2019

REPORT

Academic Year: 2019-2020

Class & Semester: Mechanical II Year I Semester & III Year I Semester

Title: AUTOMOTIVE SHEET METAL DESIGN USING NX CAD

Duration: 30 Hours (3 hours per day) during 18-09-2019 to 03-10-2019 .

Name of the Faculty (Coordinator): J. Vijay Kumar

Number Students Completing the Add On Course: 59

Summary Report of the Programme with Outcome:

The Automotive Sheet Metal Design using NX CAD course provides an outline of the current Body in White (BIW) component design factors and detailed explanations about their significance to part function, cost, and reliability. Students are introduced to the basics of automobiles along with different models of car bodies. The basics of steel and its properties are covered in details because steel is an important component used in automobiles. The basics of steel and its properties are covered in details because steel is an important component used in automobiles.

Signature of faulty

1)

2) . Raji

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Date: 4-10-2019

Certificate

This is to certify that Mr.K. Raja Pranav Assistant professor, Department of Mechanical Engineering designed and developed the curriculum for Add on/Certificate course **"AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"** during academic year 2019-2020

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Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 4-10-2019

Certificate

This is to certify that Mr. J.Vijay Kumar Assistant professor, Department of Mechanical Engineering designed and developed the curriculum for Add on/Certificate course **"AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"** during academic year 2019-2020

HOD

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"AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"

A ADD ON CERTIFICATE COURSE ON "AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"

18-09-2019 to 03-10-2019

FEEDBACK FORM

Learners Name A. Nikhil Sai   **Branch/Year** Mechanical/II year

Please complete the evaluation for add-on certificate course on "AUTOMOTIVE SHEET METAL DESIGN USING NX CAD". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need		✓		
Duration of course is sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

Suggestions

Want more time on practice sections.

Thank You for taking the time to help us improve our training.

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"AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"

A ADD ON CERTIFICATE COURSE ON "AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"

18-09-2019 to 03-10-2019

FEEDBACK FORM

Learners Name _B. Deepa_ **Branch/Year** _Mech/III year._

Please complete the evaluation for add-on certificate course on "AUTOMOTIVE SHEET METAL DESIGN USING NX CAD". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective		✓		

Suggestions

Need more required materials for practice session

Thank You for taking the time to help us improve our training.

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"AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"

A ADD ON CERTIFICATE COURSE ON "AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"

18-09-2019 to 03-10-2019

FEEDBACK FORM

Learners Name **P. Sailatha** Branch/Year **Mech / II year**

Please complete the evaluation for add-on certificate course on "AUTOMOTIVE SHEET METAL DESIGN USING NX CAD". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient		✓		
Questions were encouraged			✓	
The presenter's presentation was effective		✓		

Suggestions

provide more sessions on Improving practical knowledge

Thank You for taking the time to help us improve our training.

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"AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"

A ADD ON CERTIFICATE COURSE ON "AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"

18-09-2019 to 03-10-2019

FEEDBACK FORM

Learners Name _O. pavan_   **Branch/Year** _Mechanical, 3rd year_

Please complete the evaluation for add-on certificate course on "AUTOMOTIVE SHEET METAL DESIGN USING NX CAD". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective		✓		

Suggestions

Provide more Publication on this topic.

Thank You for taking the time to help us improve our training.

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"AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"

A ADD ON CERTIFICATE COURSE ON "AUTOMOTIVE SHEET METAL DESIGN USING NX CAD"

18-09-2019 to 03-10-2019

FEEDBACK FORM

Learners Name __V. Srikanth__ Branch/Year __Mechanical / III year__

Please complete the evaluation for add-on certificate course on "AUTOMOTIVE SHEET METAL DESIGN USING NX CAD". Your feedback is valuable for us and is appreciated

Criteria	Excellent(4)	Very Good(3)	Good(2)	Average(1)
Work shop was relevant to my need	✓			
Duration of course is sufficient			✓	
Questions were encouraged		✓		
The presenter's presentation was effective	✓			

Suggestions

Provide detailed materials.

Thank You for taking the time to help us improve our training.

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Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

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Certificate of Participation

This is to certify that Mr./Ms. __A.Nikhil Sai__

Hall Ticket No. __195U5A0301__ of __II year__ has

successfully completed __Automotive Sheet metal Design using NXCAD__

Organized by the Department of __Mechanical__

From __16-09-2019__ to __3-10-2019__ __Hrs.__
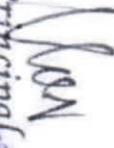
Coordinator

Co-coordinator

Head

Principal

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr./Ms. P. Sailatha

Hall Ticket No. 19S45A0313 of II year has

successfully completed Automotive Sheet metal Design using NX CAD

Organized by the Department of Mechanical

From 18-09-2019 to 03-10-2019 Hrs.

Coordinator

Co-coordinator

Head

Principal

VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

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Certificate of Participation

This is to certify that Mr./Ms. O. Pavan

Hall Ticket No. 17541A0320 of III year has

successfully completed Automotive Sheet metal Design using NXCAD

Organized by the Department of Mechanical

From 18-09-2019 to 03-10-2019 Hrs.

Coordinator

Co-coordinator

Head

Principal

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Certificate of Participation
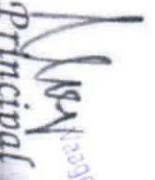
This is to certify that Mr. / Ms. __V. Srikanth__ has

Hall Ticket No. __17S41A0327__ of __III__ year

successfully completed __Automotive Sheetmetal Design using NX CAD__

Organized by the Department of __Mechanical__

From __16-09-2019__ to __03-10-2019__ __Hrs.__

Coordinator

Co-coordinator

Head
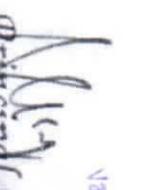
Principal

Principal
Vaageswari College of Engineering
KARIMNAGAR

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Certificate of Participation

This is to certify that Mr./Ms. __B·Deepa__

Hall Ticket No. __19S45A0303__ of __I year__ has

successfully completed Automotive Sheet metal Design using Nx CAD

Organized by the Department of __Mechanical__

From __18-09-2019__ to __3-10-2019__ Hrs.

Coordinator

Co-coordinator

Head

Principal

Principal
Vaageswari College of Engineering
KARIMNAGAR