



VAAGESWARI COLLEGE OF ENGINEERING

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

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

CIRCULAR

All the staff and students are hereby informed that the Department of MECHANICAL ENGINEERING is going to organize a 10 Days Add-On/Certification program for II,III,IV students on " 3D Printing with Additive Manufacturing " from 10.12.2022 to 21.12.2022.

NOTE: For further details please contact the course coordinator

R.SAINATH

Asst. prof.Department of MECH

9573777045

HOD

PRINCIPAL
Principal

Vaageswari College of Engineering
KARIMNAGAR-505 527.



VAAGESWARI COLLEGE OF ENGINEERING

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

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Type of Course: Certificate Course

Title of the course : 3D PRINTING IN ADDITIVE MANUFACTURING

Duration of course : 10

Dates: 13-06-2022 to 23-06-2022

Topics Covered:

- Module I – MANUFACTURING PROCESS
- Module II-CREATE A PHYSICAL OBJECT
- Module III- THE PROCESS WORKS BY LAYING
- Module IV- THE FORM OF POWDERED PLASTIC,METAL OR CEMENT
- Module IV- FUSING THE LAYERS

Days	Topics covered
Day 1	Additive manufacturing or 3D printing has rapidly gained importance in the field of engineering due to its many benefits.
Day 2	3D printed models created with CAD result in relatively fewer errors than other methods. Errors in 3D printable models can be identified and corrected before printing.
Day 3	Construction of a model with contemporary methods can take anywhere from several hours to several days, depending on the method used and the size and complexity of the model. Additive systems can typically reduce this time to a few hours, although it varies widely depending on the type of machine used and the size and number of models being produced simultaneously.
Day 4	Though the printer-produced resolution and surface finish are sufficient for some applications, post-processing and finishing methods allow for benefits such as greater dimensional accuracy, smoother surfaces, and other modifications such as coloration.
Day 5	The surface finish of a 3D printed part can improved using subtractive methods such as sanding and bead blasting. When smoothing parts that require dimensional accuracy, it is important to take into account the volume of the material being removed.
Day 6	additive manufacturing techniques are capable of using multiple materials simultaneously. These techniques are able to print in multiple colors and color combinations simultaneously and can produce parts that may not necessarily require painting.
Day 7	Layer-by-layer fabrication of three-dimensional physical models is a modern concept that "stems from the ever-growing CAD industry, more specifically the solid modeling side of CAD.
Day 8	A drawback of many existing 3D printing technologies is that they only allow one material to be printed at a time, limiting many potential applications that require the integration of different materials in the same object.
Day 9	3D printing or additive manufacturing has been used in manufacturing, medical, industry and sociocultural sectors (e.g. cultural heritage) to create successful commercial technology.
Day 10	Any of the mentioned legal regimes may prohibit the distribution of the designs used in 3D printing or the distribution or sale of the printed item


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25	20S45A0314	P	P	P	P	A	P	P	P	P	P
26	20S45A0315	P	A	P	P	P	P	P	P	A	P
27	20S45A0316	P	P	P	P	P	P	P	P	P	P
28	20S45A0317	P	A	P	P	P	P	A	P	P	P
30	20S45A0318	P	P	P	A	P	P	P	P	P	P
31	20S45A0319	A	P	P	P	P	P	P	P	A	P
32	20S45A0320	P	P	A	P	P	P	P	P	P	P
33	20S45A0321	P	P	P	P	P	A	P	P	P	P
34	20S45A0322	P	A	P	P	P	P	P	P	A	P
35	20S45A0323	P	P	P	P	P	P	P	P	P	P
36	20S45A0324	P	P	P	A	P	P	P	P	P	P
37	20S45A0325	P	P	P	P	P	P	A	P	P	P
38	20S45A0326	A	P	P	P	P	P	P	P	P	P
39	20S45A0327	P	P	P	P	P	P	P	P	P	P
40	20S45A0328	P	A	P	P	P	A	P	P	P	P
41	20S45A0329	P	P	P	P	P	P	P	P	A	P
42	20S45A0330	P	P	P	P	P	P	P	P	P	P
43	20S45A0331	P	P	P	A	P	P	P	P	P	P
44	20S45A0332	A	P	P	P	P	P	P	P	P	P
45	20S45A0334	P	P	P	P	P	P	P	P	P	P
46	20S45A0335	P	A	P	P	P	A	P	P	P	P
47	20S45A0336	P	P	P	P	P	P	P	A	P	P
48	20S45A0337	P	P	P	A		P	P	P	P	P


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KARIMNAGAR-505 022



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DEPARTMENT OF MECH

Type of program: Add-On/Certification program

Class/Semester: IIIyr -Isem

Title: 3D PRINTING IN ADDITIVE MANUFACTURING

Duration: 10 days

Dates: 10.12. 2022 to 21.12. 2022

ATTENDANCE SHEET

SN O	Hall Ticket Number	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10
1	20S41A0301	P	P	A	P	P	P	P	A	P	P
2	20S41A0302	P	A	P	P	A	P	P	P	P	P
3	20S41A0304	P	P	P	A	P	P	A	P	P	P
4	20S41A0305	P	P	A	P	P	P	P	P	A	P
5	20S41A0307	A	P	P	P	P	P	A	P	P	P
6	20S41A0308	P	P	P	A	P	P	P	P	A	P
7	20S41A0310	P	A	P	P	P	P	P	A	P	P
8	20S41A0311	P	P	A	P	P	P	A	A	P	P
9	20S41A0312	A	P	P	P	P	A	P	P	P	P
10	20S41A0314	P	A	P	P	P	P	A	P	P	P
11	20S41A0315	P	P	A	P	P	P	P	A	P	P
12	21S45A0301	P	P	P	A	P	P	P	P	P	A
13	21S45A0302	P	P	A	P	P	A	P	P	P	P
14	21S45A0303	A	P	P	A	P	P	P	P	P	P
15	21S45A0304	P	A	P	P	P	P	A	P	P	P
16	21S45A0305	P	P	P	P	A	P	P	P	A	P
17	21S45A0306	P	P	A	P	P	P	A	P	P	P
18	21S45A0307	P	A	P	P	P	P	A	P	P	P
19	21S45A0308	P	P	P	A	P	P	A	P	P	P
20	21S45A0309	P	P	P	P	P	A	P	P	P	A
21	21S45A0310	P	P	P	A	P	P	P	A	P	P
22	21S45A0311	A	P	P	P	P	A	P	P	P	P
23	21S45A0312	P	P	P	A	P	P	A	P	P	P
24	21S45A0313	P	A	P	P	P	P	A	P	P	P
25	21S45A0314	P	P	A	P	P	P	P	P	A	P


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25	20S45A0314	P	A	P	P	P	A	P	P	P	P
26	20S45A0315	P	P	A	P	P	P	A	P	P	P
27	20S45A0316	A	P	P	P	A	P	P	P	P	P
28	20S45A0317	P	P	P	A	P	P	P	P	P	A
29	Hall Ticket Number	P	P	P	P	A	P	P			
30	20S45A0318	P	P	P	P	A	P	P	P	A	P
31	20S45A0319	P	A	P	P	P	A	P	P	P	P
32	20S45A0320	A	P	P	P	A	P	P	P	P	P
33	20S45A0321	P	P	A	P	P	P	A	P	P	P
34	20S45A0322	P	P	P	A	P	P	P	A	P	P
35	20S45A0323	P	A	P	P	P	P	P	P	P	A
36	20S45A0324	A	P	P	P	A	P	P	P	A	P
37	20S45A0325	P	P	A	P	P	A	P	P	P	P
38	20S45A0326	P	P	P	A	P	P	P	A	P	P
39	20S45A0327	P	P	P	P	P	P	A	P	P	A


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25	19S45A0312	P	P	P	P	A	P	P	P	P	P
26	19S45A0313	A	P	P	P	P	P	P	P	P	P
27	19S45A0314	P	P	A	P	P	P	P	P	P	P
28	19S45A0315	P	P	P	P	A	P	P	P	P	P
29	19S45A0316	P	A	P	P	P	P	P	P	P	P
30	19S45A0317	P	P	P	A	P	P	P	P	P	P
31	19S45A0318	P	P	P	P	A	P	P	P	P	P
32	19S45A0319	P	P	P	P	P	P	A	P	P	P
33	19S45A0320	A	P	P	P	P	P	P	P	P	P
34	19S45A0321	P	P	P	P	P	A	P	P	P	P
35	19S45A0322	P	P	A	P	P	P	P	P	P	P
36	19S45A0323	P	P	P	P	P	P	P	A	P	P
37	19S45A0324	P	P	P	P	P	P	P	P	P	A
38	19S45A0325	P	P	P	P	P	P	P	P	P	P
39	19S45A0326	P	A	P	P	P	P	P	P	A	P


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

Date: 13-12-2021

Certificate

This is to certify that MR.R.Sainath Assistant professor, Department of Mechanical Engineering has designed and developed the curriculum for Add on/Certificate Program "CAD SOFTWARE" conducted during academic year 2021-22.


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Date: 13-12-2021

Certificate

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 Program "CAD SOFTWARE " conducted during academic year 2021-22.


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Date: 24-06-2022

Certificate

This is to certify that MR.D.Vijay Kumar Asst.prof. of Mechanical Department has designed the curriculum for Add on course on "Finite Element Analysis using ANSYS" conducted during academic year 2021-22.

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VAAGESWARI COLLEGE OF ENGINEERING

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Date: 24-06-2022

Certificate

This is to certify that Mrs.J.Saritha. Asst.Prof. of Mechanical Department has designed the curriculum for Add on course on "Finite Element Analysis using ANSYS" conducted during academic year 2021-22.

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Date: 13-12-2021

Certificate

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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. DUGYANI RAHUL

all Ticket No. 21S41A0301 of Admission PROGRAM has

successfully completed 3D presentation in additive manufacturing

organized by the Department of MECHANICAL ENGINEERING

on 10.12.2022 to 21-12-2022 Hrs.


Coordinator


Co-coordinator


Head


Principal
Vaageswari College of Engineering

VAAGESWARI COLLEGE OF ENGINEERING



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

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Certificate of Participation

This is to certify that Mr. / Ms. MYADA MANOJ

hall Ticket No. 21S45AD323 of ADDDN PROGRAM has

successfully completed 3D PRINTING IN ADDITIVE MANUFACTURING

Organized by the Department of MECHANICAL ENGINEERING

from 10.12.2022 to 21.12.2022 Hrs.

Reshma
Coordinator

Head
Co-coordinator

Principal
Principal

VAAGESWARI COLLEGE OF ENGINEERING



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

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

Certificate of Participation

This is to certify that [✓]Mr. /Ms. CHICURLA ASHOK

Call Ticket No. 21545A0305 of ADD ON PROGRAM has

successfully completed 3D PRINTING IN ADDITIVE MANUFACTURING

organized by the Department of MECHANICAL ENGINEERING.

from 16.12.2021 to 21.12.2021 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. TAPA KAVYA

hall Ticket No. 21545A0311 of ADD ON PROGRAM has

successfully completed 3D PRINTING IN ADDITIVE MANUFACTURING

organized by the Department of MECHANICAL ENGINEERING.

from 10-12-2021 to 21-12-2022 Hrs.

Coordinator
Co-coordinator

Head

Principal
Principal



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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. DOMALA ARTUNI

hall Ticket No. 20341A0301 of ADD ON PROGRAM has

successfully completed 3D PRINTING IN ADDITIVE MANUFACTURING

organized by the Department of MECHANICAL ENGINEERING

from 10.12.2022 to 21-12-2022 Hrs.

Ravi
Coordinator

Head
Head

Principal
Principal
Vaageswari College of Engineering
KARIMNAGAR



VAAGESWARI COLLEGE OF ENGINEERING

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CIRCULAR

All the staff and students are hereby informed that the Department of MECHANICAL ENGINEERING is going to organize a 10 Days Add-On/Certification program for II,III,IV students on "Autodesk 3ds Max " from 03.05.2023 TO 13.05.2023

NOTE: For further details please contact the course coordinator

MD.YAQUBALI

Asst. prof.Department of MECH

7794099608

HOD

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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)

Type of Course: Certificate Course

Title of the course : **Autodesk 3ds Max**

Duration of course : 10 days

Dates: 03.05.2023 to 13.05.2023

Topics Covered:

- Module I – 3D ANIMATION
- Module II- MODELS
- Module III-GAMES
- Module IV- IMAGES

Days	Topics covered
Day 1	MAXScript is a built-in scripting language that can be used to automate repetitive tasks, combine existing functionality in new ways, develop new tools and user interfaces, and much more
Day 2	3ds Max supports both import and linking of .dwg files. Improved memory management in 3ds Max 2008 enables larger scenes to be imported with multiple objects.
Day 3	3ds Max offers operations for creative texture and planar mapping, including tiling, mirroring, decals, angle, rotate, blur, UV stretching, and relaxation;
Day 4	Polygon modeling is more common with game design than any other modeling technique as the very specific control over individual polygons allows for extreme optimization.
Day 5	n alternative to polygons, it gives a smoothed out surface that eliminates the straight edges of a polygon model. NURBS is a mathematically exact representation of freeform surfaces like those used for car bodies and ship hulls, which can be exactly reproduced at any resolution whenever needed. With NURBS, a smooth sphere can be created with only one face.
Day 6	n alternative to polygons, it gives a smoothed out surface that eliminates the straight edges of a polygon model. NURBS is a mathematically exact representation of freeform surfaces like those used for car bodies and ship hulls, which can be exactly reproduced at any resolution whenever needed. With NURBS, a smooth sphere can be created with only one face.
Day 7	This is a basic method, in which one models something using only boxes, spheres, cones, cylinders and other predefined objects from the list of <i>Predefined Standard Primitives</i> or a list of <i>Predefined Extended Primitives</i>
Day 8	Many films have made use of 3ds Max, or previous versions of the program under previous names, in CGI animation, such as <i>Avatar</i> and <i>2012</i> , which contain computer generated graphics from 3ds Max alongside live-action acting.
Day 9	All animation tools — including expressions, scripts, list controllers, and wiring — can be used along with a set of utilities specific to bones to build rigs of any structure and with custom controls,
Day 10	3ds Max supports both import and linking of .dwg files. Improved memory management in 3ds Max 2008 enables larger scenes to be imported with multiple objects.


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27	21S45A0316	A	P	P	P	P	A	P	P	P	P
28	21S45A0317	P	P	A	P	P	P	P	A	P	P
29	21S45A0318	P	P	P	P	A	P	P	P	P	A
30	21S45A0319	P	A	P	P	P	P	A	P	P	P
31	21S45A0320	P	P	P	P	A	P	P	P	P	A
32	21S45A0321	P	P	A	P	P	P	P	P	A	P
33	21S45A0322	P	P	P	A	P	P	A	P	P	P
34	21S45A0323	P	A	P	P	P	P	P	A	P	P
35	21S45A0324	P	P	P	A	P	A	P	P	P	P
36	21S45A0325	P	P	P	P	P	P	A	P	P	P
37	21S45A0326	P	A	P	P	P	A	P	P	P	P
38	21S45A0327	P	P	P	A	P	P	P	A	P	P
39	21S45A0328	P	P	P	A	P	P	P	P	P	A
40	21S45A0330	P	A	P	P	P	P	P	A	P	P
41	21S45A0331	P	P	A	P	P	P	A	P	P	P
42	21S45A0333	P	P	P	P	A	P	P	P	A	P


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Certificate of Participation

This is to certify that Mr. / Ms. ANNARAPU SATHISH

Hall Ticket No. 21145A03D3 of ADDON PROGRAM has

successfully completed AUTO DESK 3DS MAX

Organized by the Department of MECHANICAL ENGINEERING

From 03.05.2023 to 13.05.2023 Hrs.


Coordinator


Co-coordinator


Head


Principal
Vaageswari College of Engineering

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. MADASU UDAY KURIAR

Hall Ticket No. 21SL454031A of ADD ON PROGRAM has

successfully completed AUTO DESK 3DS MAX

Organized by the Department of MECHANICAL ENGINEERING

From 03.05.2023 to 13.05.2023 Hrs.

Y. S. R.
Coordinator

[Signature]
Co-coordinator

[Signature]
Head

[Signature]
Principal
Vaageswari College of Engineering

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. A DEPU AJAY KUMAR
Hill Ticket No. 21S45A0301 of action program has
successfully completed AUTODESK 3ds MAX
organized by the Department of MECHANICAL ENGINEERING
from 03.05.2023 to 13.05.2023 Hrs.

Yog
Coordinator

[Signature]
Co-coordinator

Head

[Signature]
Principal
KARIMNAGAR



VAAGESWARI COLLEGE OF ENGINEERING

(Sponsored by SREE VAAGESWARI EDUCATIONAL SOCIETY)

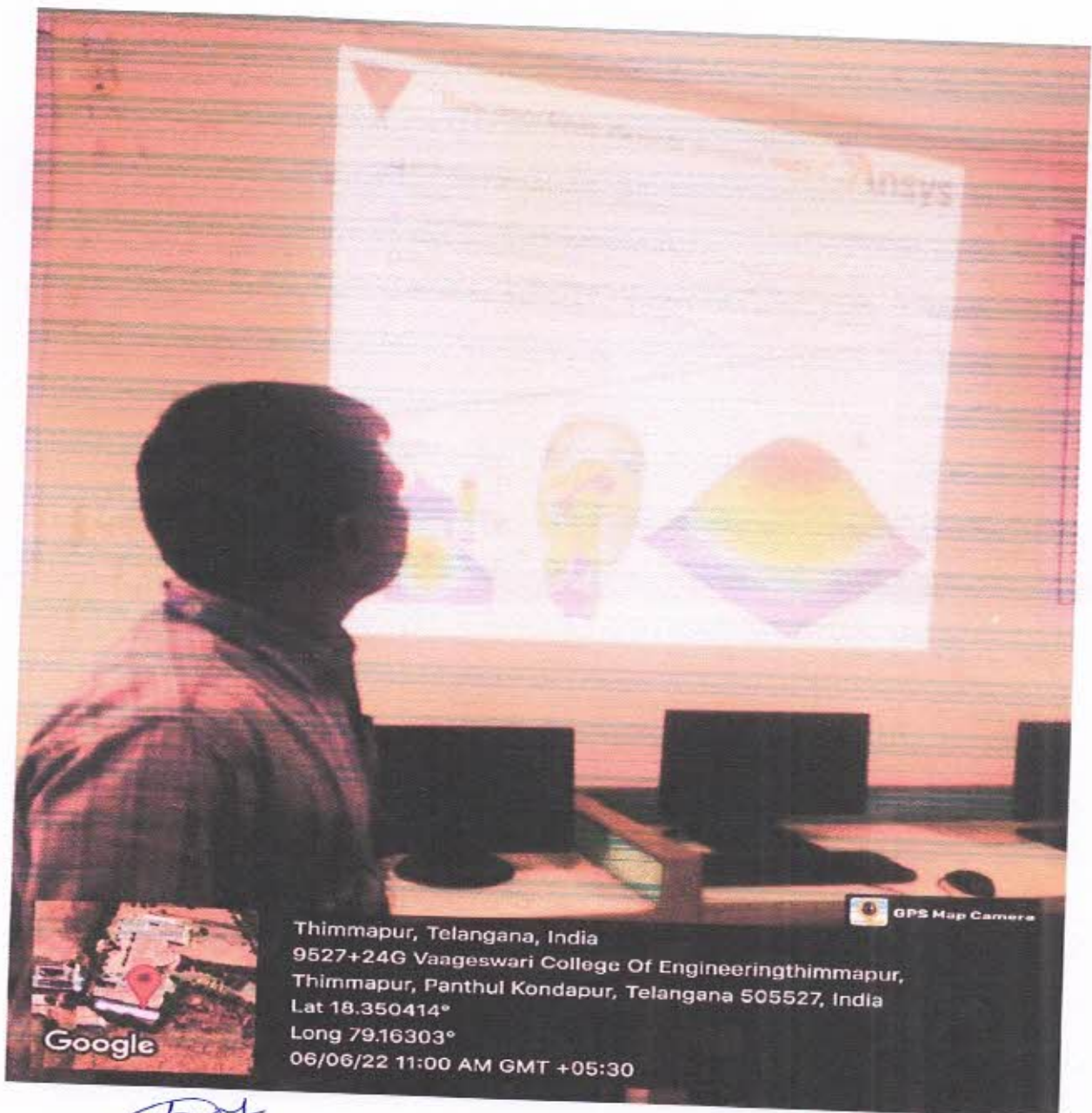
Accredited by NAAC with A+ Grade

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Recognised by the Govt. of Telangana State

ESTD : 2005



1.2.2 & 1.2.3: Add -on /certificate program on FINITE ELEMENT ANALYSIS WITH ANSYS organized by department of mechanical Engineering on 13-06-2022 to 23-06-2022



Thimmapur, Telangana, India
9527+24G Vaageswari College Of Engineeringthimmapur,
Thimmapur, Panthul Kondapur, Telangana 505527, India
Lat 18.350414°
Long 79.16303°
06/06/22 11:00 AM GMT +05:30

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KARIMNAGAR-505 527.



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(Sponsored by SREE VAAGESWARI EDUCATIONAL SOCIETY)

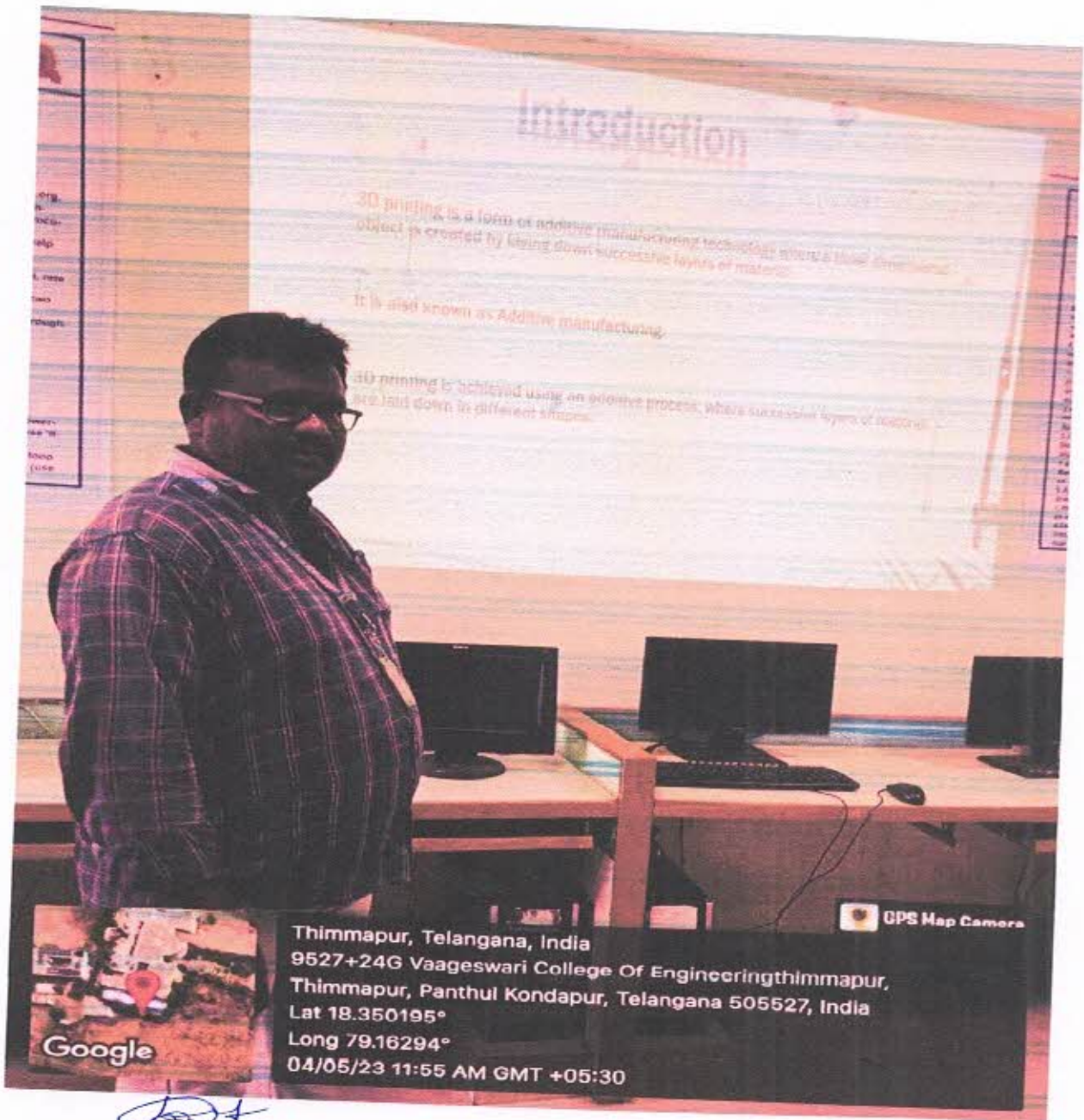
Accredited by NAAC with A+ Grade

Approved by AICTE New Delhi and Affiliated to JNTUH Hyderabad
Recognised by the Govt. of Telangana State

ESTD : 2005



1.2.2 & 1.2.3: Add -on /certificate program on 3D PRINTING WITH ADDITIVE MANUFACTURING
organized by department of mechanical Engineering on 03-05-2023 to 13-05-2023



Principal

Principal

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