



Late Purushottam Hari (Ganesh) Patil Shikshan Sanstha's  
Mauli Group of Institutions',  
College of Engineering & Technology, Shegaon  
Department of Mechanical Engineering

Date: 18<sup>th</sup> December 2024

## NOTICE

All students of Mechanical Engineering Department are hereby informed that MESA is going to organize a short term course on: "Certificate Program Creo 3.0" a hands on certificate training program from date 13<sup>th</sup> January 2025 to 17<sup>th</sup> January 2025.

**About the course:** This course is designed to take students with no previous CAD experience to learn about CREO 3.0 Software in simple step by step manner.

**Features of the course:**

- Hands on training.
- Certificate for successful completion of the course.

**Course objective and outcome:** This intensive hands-on course will prepare you with the knowledge and skills necessary for creating basic 2D working drawings. Being your first step in using CAD software, this course will help you build the foundation to learn other advanced CAD and CAE courses. After completing the course, you will have an in depth knowledge and skills to work on your own with Creo 3.0 productively.

**Duration:** 5 Days (6 Hours per day)

**No of seats:** 30

**Course Coordinator:** Prof. R. M. Kshirsagar / Prof. A. P. Bawane


Interested students should register their names to Prof. R. M. Kshirsagar / Prof. A. P. Bawane

Seats will be allotted on **first come first served** basis.

  
Prof. R. M. Kshirsagar

&   
Prof. A. P. Bawane

Course coordinator

  
Dr. R. B. Ingle

HOD, MECH

Head of Department

Mechanical Engineering  
Mauli Group of Institution's  
College of Engineering & Technology  
Shegaon Dist. Buldhana

  
Dr. C. M. Jadhao

Principal

PRINCIPAL

Mauli Group of Institutions  
College of Engineering &  
Technology, Shegaon



**Late Purushottam Hari (Ganesh) Patil Shikshan Sanstha's**  
**Mauli Group of Institutions',**  
**College of Engineering & Technology, Shegaon**  
**Department of Mechanical Engineering**  
**Creo 3.0 Course Content**

Chapter No.	Topic	Duration
1	Introduction to CREO	2 Hours
2	Sketch	3 Hours
3	Solid Modeling Part (3D)	5 Hours
4	Surface Modeling	5 Hours
5	Assembly Design	5 Hours
6	Simulation	5 Hours
7	Drawing	5 Hours
Total:		30 Hours

**Date: 13<sup>th</sup> January 2025 to 17<sup>th</sup> January 2025 (5 days 6 hours daily)**

**Course Details:**

**Sketch 2D**

- Creating sketch using sketch tools
- Modifying using trimming, move, and resize tools
- Sketch references sketch constraints and dimensions, sketch diagnosis

**Solid modeling and Surface (Part mode)**

- Solid modeling overview, base features like extrude, revolve, sweep, blend
- Datum references like plane, axis, point, coordinate system and datum curves
- Engineering features like hole, shell, ribs, pattern, round and chamfer
- Editing feature like trim, extend, merge, intersect, extend, offset, project, thicken, solidify
- Boundary blend, toroidal bend and fill surface

**Assembly Design**


- Creation of top to bottom and bottom up assembly
- Creation of exploded view
- Model display tool and orientation
- Moving components, repeat component

**Simulation**

- Motion analysis including kinematics and dynamics.

**Drawing**

- Sheet layout and generation of drawing views
- Dimensioning the drawing view, annotation
- Generation of BOM and balloons for assembly

  
**Prof. R. M. Kshirsagar / Prof. A. P. Bawane**

**Course Coordinator**

  
**Dr. R. B. Ingle**

**HOD, MECH**

**Head of Department**  
Mechanical Engineering  
Mauli Group of Institutions  
College of Engineering & Technology  
Shegaon Dist. Buldhana



Session 2024-25

Department of Mechanical Engineering

CREO (CAD) Software Attendance

Date: 13/01/2025

Sr. No	Class	Name of Student	Student Sign
01	3M	Vaishnavi S. Kale	V.S.Kale.
02	3M	Ritesh V. Parsaiye	<del>Ritesh</del>
03	3M	Roshan R. Polakhare	<del>Roshan</del>
04	3M	Aditya G. Kangate	A.Kangate
05	3M	Umesh R. Sonone	Umes
06	3M	Kaashik D. Mankar	Kaashik
07	3M	Aniket M. Tikare	Aniket
08	3M	Bajirao B. Nawalkar	B.Nawalkar
09	3M	Rushikesh A. Wankhade	R.A.Wankhade
10	3M	Bhavesh R. Jamode	B.Jamode
11	3M	Gayatri G. Shejole	G.Shejole
12	3M	Anand G. Ingle	Anand
13	3M	Sumit R. Gole	S.Gole
14	3M	Vivek S. Manekar	V.Manekar
15	3M	Om N. Ghatalkar	O.N.Ghatalkar

Coordinator  
Prof. R. N. V. Kishore

HOD





Session 2024-25  
Department of Mechanical Engineering

CREO (CAD) Software Attendance

Date: 14/11/25

Sr. No	Class	Name of Student	Student Sign
1	3M	Om Narayan Ghatolkar	
2	3M	Umesh Raju Sonone	
3	3M	Vinay Suresh Manekar	
4	3M	Aditya Gopal Kangate	
5	3M	Kaotik Dilip Manekar	
6	3M	Satyam. Brantonand. Deshmukh	
7	3M	Aniket M. Tikar	
8	3M	Gayatri. S. chopade	
9	3M	vaishnavi. S. kale	
10	3M	Aarti. G. Ingle	
11	3M	Gayatri. Shejole	
12	3M	Shrish Anant Bholankar	
13	3M	Pratwal Bhagwan Tatar	
14	3M	Ritesh. Vijay. Pursuize	
15	3M	OM Sanjay Boede.	

Coordinator

Prof. R. M. Kishore

HOD



Session 2024-25

Department of Mechanical Engineering

CREO (CAD) Software Attendance

Date: 15/11/25

Sr. No	Class	Name of Student	Sign
1	3M	Gayatri. S. chopade	G. Shejole
2	3M	Aarti. G. Ingle	Aarti Ingle
3	3M	Varshnavi. S. kale	V.S. Kale
4	3M	Gayatri. G. Shejole	G. Shejole
5	3M	Nakul. G. Nimkale	Nimkale
6	3M	Om. S. Boode	Boode
7	3M	Pooja. Bhagwan Tasele	Pooja
8	3M	Shrish Anant Bholankar	Bholankar
9	3M	Nilesh Anant Rao Thakare	Nilesh
10	3M	Om Nandan Ghatolkar	Ghatolkar
11	3M	Aditya Gopal Khandate	Khandate
12	3M	Umesh Raju Sonore	Umesh
13	3M	Karrik, Dilip Mankar	Mankar
14	3M	Vivek. Suresh Manekar	Manekar
15	3M	Rushikesh Ananda Wankhade	Wankhade
16	3M	Satyam. Brahmendra. Deshmukh	Deshmukh
17	3M	Bhavesh Ram Jamode	B. Jamode
18	3M	Ritesh. Vijay. Parsaiye	Parsaiye
19	3M	Bajirao. B. Navalkar	B.B. Navalkar
20	3M	Roshan. R. Polakhare	

Coordinator  
Prof. R.N. Valsar

HOD




Session 2024-25

Department of Mechanical Engineering

CREO (CAD) Software Attendance

Date: 16/01/25

Sr. No	Class	Name of Student	Sign
1	3M	Gayatri. S. chopade	G. Shekade
2	3M	Aarati. G. Ingle	<del>Amr</del>
3	3M	Gayatri. G. Shejole	G. G. Shejole
4	3M	Varshnavi. S. Kale	V. S. Kale
5	3M	Rushikesh. A. Wankhade	R. A. Wankhade
6	3M	Bhaves R Jamode	B. R. Jamode
7	3M	Bajirao B. Nawalkar	B. B. Nawalkar
8	3M	Dushpak. S. Lonsane	D. S. Lonsane
9	3M	Om. S. Borde	O. S. Borde
10	3M	Om N Ghatolkar	O. N. Ghatolkar
11	3M	shrish. A. Bholankar	S. A. Bholankar
12	3M	Praywal. B. Tarale	P. B. Tarale
13	3M	Satyam. B. Deshmukh	S. B. Deshmukh
14	3M	Nilesh. A. Thakare	N. A. Thakare
15	3M	Kaashik D. Mankar	K. D. Mankar
16	3M	Vivek S Manekar	V. S. Manekar
17	3M	Aditya G. Kangate	A. G. Kangate
18	3M	UMesh R. Sonone	U. R. Sonone
19	3M	Ritesh. V. Pursaiye	R. V. Pursaiye
20			

  
Coordinator  
Prof. R. M. V. Shingar

  
HOD





Session 2024-25

Department of Mechanical Engineering

CREO (CAD) Software Attendance

Date: 12/11/25

Sr. No	Class	Name of Student	Sign
1	3M	Roshan . R. Polakhare	
2	3M	Ritesh . V. Patseige	
3	3M	Umesh . R. Sonone	
4	3M	Kaetik monkar	
5	3M.	Aditya G. Kangate	
6	3M	Om N Ghatolkar	
7	3M	Vivek S. Manekar	
8	3M	Bhavesh R Jamode	
9	3M	Rushikesh A Wankhade	
10	3M	Aniket M. Tikar	
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12	3M	Vaishnavi S. Kale	
13	3M.	Gayatri G. chopade.	
14	3M	Shrish Bholankar.	
15	3M	Prajwal Tarale	
16	3M	Nilesh Thakare	
17	3M	Satyam Deshmukh	
18			
19			
20			

Coordinator

Prof. R. N. Kulkarni

HOD





Late Purushottam Hari (Ganesh) Patil Shikshan Sanstha's  
**Mauli Group of Institution's, College of Engineering and Technology, Shegaon**  
**Department of Mechanical Engineering**  
**A.Y.: 2024-2025**

"Certificate Program on Creo 3.0 Software"

**Faculty Attendance Sheet**

Date: 13/01/2025

Sr. No.	Participant Name	Department	Signature
1	Dr. R. B. Ingle	Mechanical Engineering	
2	Prof. S. S. Bhadang	Mechanical Engineering	
3	Prof. Y. P. Tidke	Mechanical Engineering	
4	Prof. D. B. Vaitkar	Mechanical Engineering	
5	Prof. A. P. Bawne	Mechanical Engineering	
6	Prof. V. M. Gawali	Mechanical Engineering	
7	Prof. C. V. Bhagat	Mechanical Engineering	
8	Prof. S. S. Thakur	Mechanical Engineering	

Coordinator

Prof. R. M. Kshirsagar

HOD





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Coordinator

Prof. R. M. Kshirsagar

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8	Prof. S. S. Thakur	Mechanical Engineering	

Coordinator

Prof. R. M. Khisrogi

HOD





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5	Prof. A. P. Bawne	Mechanical Engineering	
6	Prof. V. M. Gawali	Mechanical Engineering	
7	Prof. C. V. Bhagat	Mechanical Engineering	
8	Prof. S. S. Thakur	Mechanical Engineering	

Coordinator

Prof. R. M. Khirsagar

HOD



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Coordinator

Prof. R. M. Khingor

  
HOD





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A.Y.: 2024-2025

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Coordinator

Prof. R. M. Khisrogi

HOD



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**Department of Mechanical Engineering**  
A.Y.: 2024-2025


**Report on "Certificate Program on Creo 3.0 Software"**


Programme Venue	CAD LAB
Programme Schedule	13 <sup>th</sup> January 2025 to 17 <sup>th</sup> January 2025
Programme Mode	Offline Mode
Details of Resource Person	Prof. R. M. Kshirsagar (Asst. Prof. Mech. Dept.)
Total Number of Students Participated in the Programme	20
Total Number of Faculty Participated in the Programme	08
Programme Coordinator/s	Prof. R. M. Kshirsagar & Prof. A. P. Bawne

**About the programme:** This course is designed to take students with no previous CAD experience to learn about CREO 3.0 Software in simple step by step manner.

**Course objective and outcome:** This intensive hands-on course will prepare students with the knowledge and skills necessary for creating basic 2D and 3D CAD Modeling / Working drawings. Being the first step in using CAD software, this course will help to build the foundation for learning other advanced CAD and CAE courses. After completing the course, students will have an in depth knowledge and skills to work on their own with Creo 3.0 productively.

**Summary of the Programme:** The "Certificate programme on Creo 3.0 Software" 5 Days workshop is organized for 30 students and faculty members from the Mechanical Engineering Department, and it is being hosted by the Mechanical Engineering Department. The workshop is scheduled to take place from 13/01/2025 to 17/01/2025 and conducted by Prof. R. M. Kshirsagar and Prof. A. P. Bawne. During the workshop, Prof. R. M. Kshirsagar acquainted students aspiring to be engineers with both conceptual and practical knowledge of industrial CAD Modeling in Creo Software. In this program students as well as faculty members learned sketch 2D, solid modeling (part mode), assembly design, simulation and drawing sheet in creo software. Total 20 students and 8 faculty members were present for this course.

  
**Prof. R. M. Kshirsagar / Prof. A. P. Bawne**  
Course coordinator  
Mechanical Department

  
**Dr. R. B. Ingle**  
HOD (Mech. Dept.)  
MGI-COET, Shegaon

Head of Department  
Mechanical Engineering  
Mauli Group of Institution's  
College of Engineering & Technology  
Shegaon Dist. Buldhana



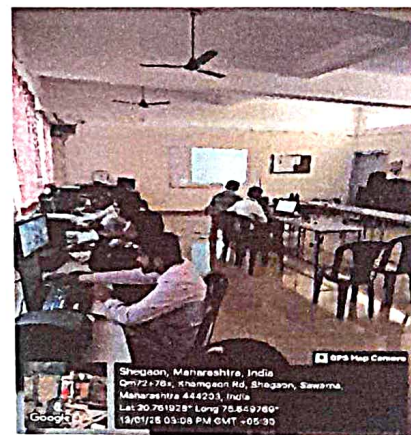
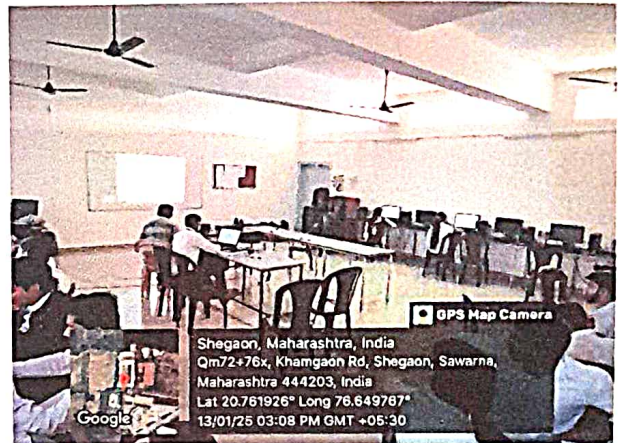



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**Mauli Group of Institution's, College of Engineering & Technology, Shegaon**  
**Department of Mechanical Engineering**


A.Y.: 2024-2025

**"Certificate Program on Creo 3.0 Software"**

Geo Tag Photo Highlights



  
**Prof. R. M. Kshirsagar / Prof. A. P. Bawne**  
Course coordinator  
Mechanical Department

  
**Dr. R. B. Ingle**  
HOD (Mech. Dept.)  
MGI-COET, Shegaon  
Head of Department  
Mechanical Engineering  
Mauli Group of Institution's  
College of Engineering & Technology  
Shegaon Dist. Buldhana



Late Purushottam Hari (Ganesh) Patil Shikshan Sanstha's

**Mauli Group of Institution's**  
**College of Engineering and Technology, Shegaon**

AICTE Approved, Affiliated Sant Gadge Baba Amravati University, Amravati, ISO 9001:2015 Certified

# CERTIFICATE

This is to certify that,

**Ms. Vaishnavi S. Kale**

has successfully completed the value added course on **“Creo 3.0 software”**  
conducted at Mechanical Engineering Department, MGI-COET, Shegaon  
**13/01/2025 to 17/01/2025 (5 Days)**

**Prof. R. M. Kshirsagar**  
Course Instructor

**Dr. R. B. Ingle**  
HOD

**Dr. C. M. Jadhao**  
Principal

E-Certificate no: Mech/courses/2024-25/03

Issued on: 18/01/2025

# MGI's-COET, Shegaon, 5 Day's short term course on "Certificate Program Creo 3.0"

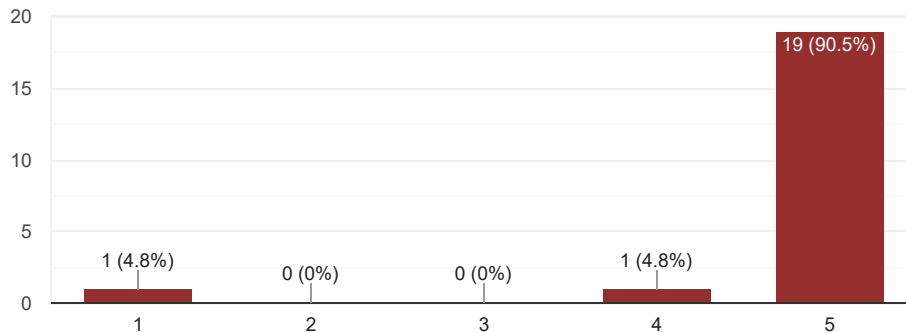
21 responses

[Publish analytics](#)

1. Are you able to creat 2- D engineering Sketch in Creo 3.0 software ?

[Copy](#)

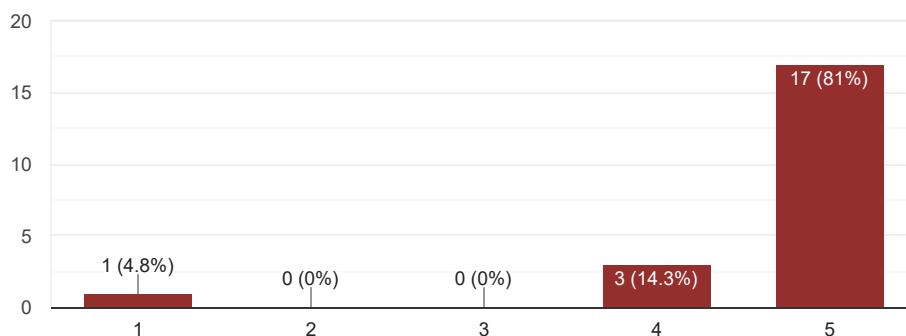
21 responses



2. Are you able to provide the constraints to drawing ?

[Copy](#)

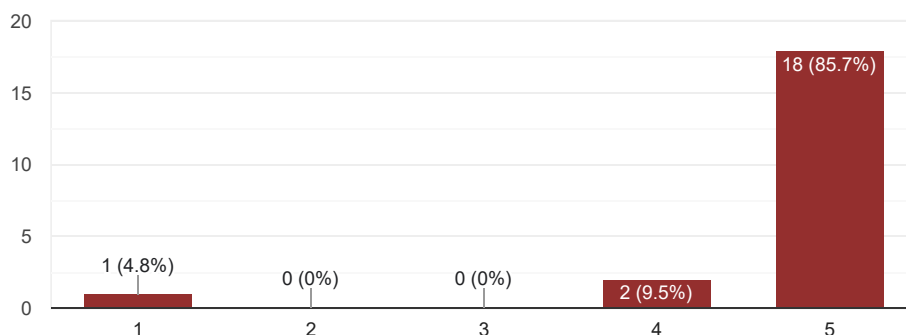
21 responses



3. Are you able to create 3-D model from 2-D sketch ?

[Copy](#)

21 responses

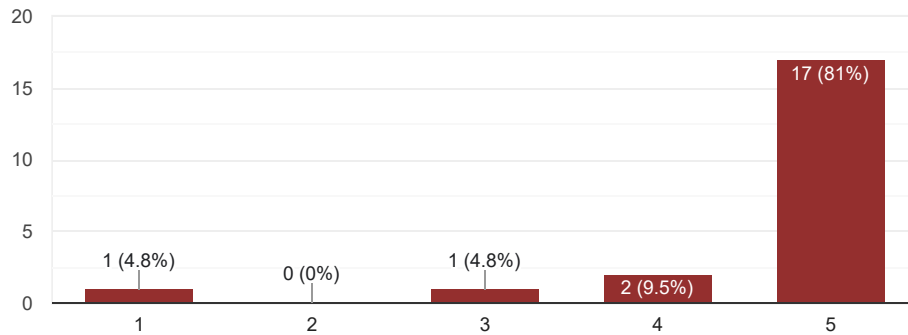




## 4. Are you able to create assembly of sub-parts models ?

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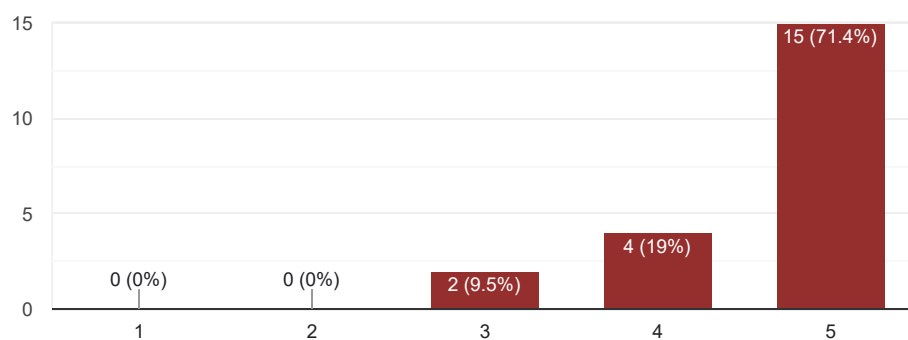
21 responses



## 5. Are you able to render the model assembly on drawing sheets ?

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21 responses

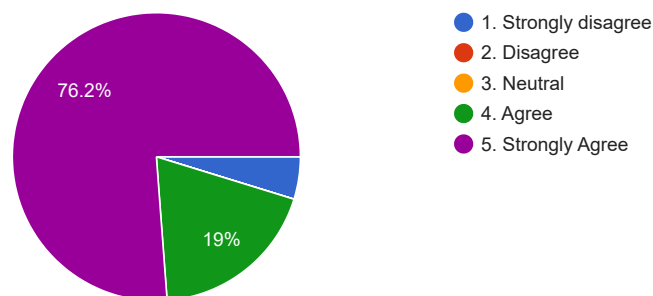


## Conduction of the Course

## 1. The Lectures were clear and easy to understand?

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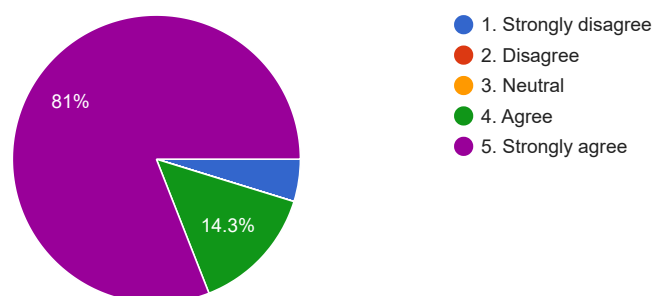
21 responses



## 2. The teaching aids were effectively used?

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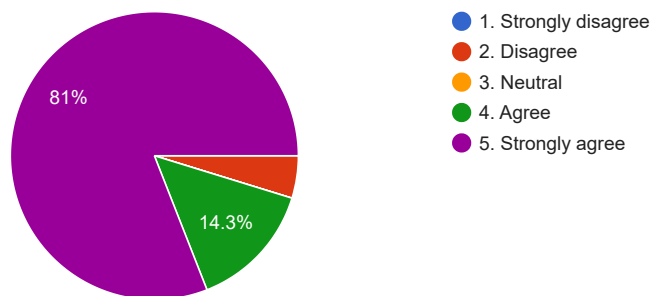
21 responses



### 3. The Instructors encouraged interaction and were helpful?

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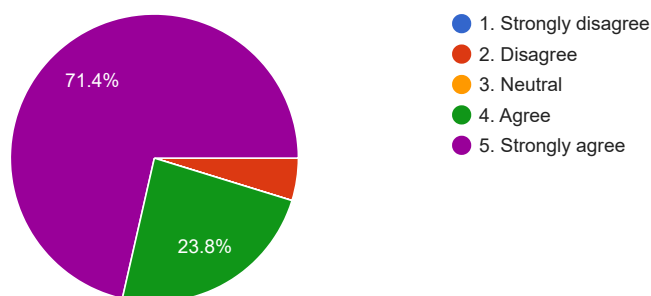
21 responses



### 4. The Course Material handed out was adequate?

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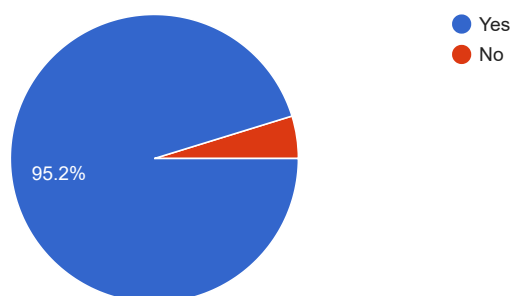
21 responses



### 5. Were objective of the course realized?

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21 responses



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**Mauli Group of Institution's**  
**College of Engineering and Technology, Shegaon**

AICTE Approved, Affiliated Sant Gadge Baba Amravati University, Amravati, ISO 9001:2015 Certified

# CERTIFICATE

This is to certify that,

**Ms. Gayatri S. Chopade**

has successfully completed the value added course on **“Creo 3.0 software”**  
conducted at Mechanical Engineering Department, MGI-COET, Shegaon  
**13/01/2025 to 17/01/2025 (5 Days)**

**Prof. R. M. Kshirsagar**  
Course Instructor

**Dr. R. B. Ingle**  
HOD

**Dr. C. M. Jadhao**  
Principal



Late Purushottam Hari (Ganesh) Patil Shikshan Sanstha's

**Mauli Group of Institution's**

**College of Engineering and Technology, Shegaon**

AICTE Approved, Affiliated Sant Gadge Baba Amravati University, Amravati, ISO 9001:2015 Certified

# CERTIFICATE

This is to certify that,

**Ms. Aarti G. Ingle**

has successfully completed the value added course on **“Creo 3.0 software”**  
conducted at Mechanical Engineering Department, MGI-COET, Shegaon  
**13/01/2025 to 17/01/2025 (5 Days)**

**Prof. R. M. Kshirsagar**  
Course Instructor

**Dr. R. B. Ingle**  
HOD

**Dr. C. M. Jadhao**  
Principal