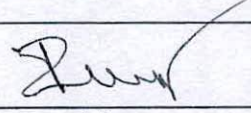
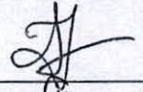


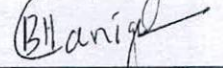
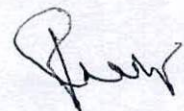


**CIRCULAR**

**Date: 6/9/2021**

This is to inform that there will be a meeting of Academic committee members for analyzing curriculum syllabus of academic year 2020-21. The meeting is scheduled on 7/10/2021 at 11.00 am in HOD's chamber.

Sl No.	Faculty Name	Designation	Signature
1	Dr. P. Mahadeva Swamy	HOD	
2	Dr. Tulsidas	Associate Professor	
3	Dr. R G Deshpande	Associate Professor	
4	Dr. Basavaraju. S	Associate Professor	
5	Dr. Basavaraj. G	Assistant Professor	



**HOD**

Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
Bengaluru - 560 057



**Principal**

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

**Date: 7/9/2021**

### **MINUTES OF MEETING**

With reference to circular dated on 6/9/2021, the academic committee member assembled in HOD's chamber for addressing the following agenda.

#### **Agenda:**

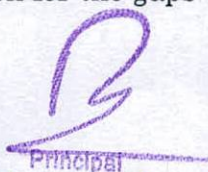
- Reviewing the department curriculum syllabus of Academic Year 2021-22.
- Reviewing the feedback analysis of various stake holders for the academic year 2020-21.
- Identifying the gaps.
- Action to be taken for the identified gaps.

During the meeting the following members were present

Sl No.	Faculty Name	Designation
1	Dr. P. Mahadeva Swamy	HOD
2	Dr. Tulsidas	Associate Professor
3	Dr. R G Deshpande	Associate Professor
4	Dr. Basavaraju. S	Associate Professor
5	Dr. Basavaraj. G	Assistant Professor

The following points were discussed in the meeting

1. The committee members reviewed the analysis of department curriculum syllabus.
2. The committee members discussed about the feedback of department curriculum syllabus.
3. The members identified the gaps based on the analysis.
4. The following actions were taken for the gaps that are identified.

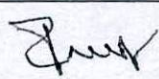
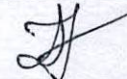


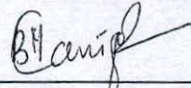


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SL.NO	SEM	Course Title	Identified Gap
1	5 <sup>th</sup> Semester	AutoCAD	Modeling skills

**Action Taken:**

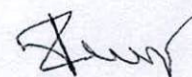
Based on the feedback obtained from Students, Faculties and Alumni and analysis of syllabus by department academic committee members, it was decided to conduct certification course on "AutoCAD" to overcome the gaps identified in the curriculum / syllabus.

Sl No.	Faculty Name	Designation	Signature
1	Dr. P. Mahadeva Swamy	HOD	
2	Dr. Tulsidas	Associate Professor	
3	Dr. R G Deshpande	Associate Professor	
4	Dr. Basavaraju. S	Associate Professor	
5	Dr. Basavaraj. G	Assistant Professor	



Principal

**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057



**HOD**

Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
Bengaluru - 560 057.

Date: 20/9/2021

To

IQAC Coordinator  
Sapthagiri College of Engineering  
Bengaluru-560 057

Respected sir/madam,

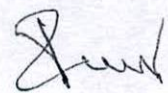
Subject: Requisition for conduction of certification course and approval from Governing Council.

With respect to the Academic committee members meeting was held for analyzing department curriculum / syllabus for the academic year 2020-21. The committee members identified few gaps after analyzing the syllabus and feedback from the stakeholders. To bridge the gaps identified in the curriculum, the committee members decided to conduct a certification course on AutoCAD from 04/10/2021 to 08/10/2021 for the academic year 2021-22. So, I request you to forward and get the approval from the governing council for the same.

Thanking You,

*forwarded for GC approval  
and ratification.*

*Handwritten signature*  
(A. HARISH)  
IQAC - Coordinator



**HOD**  
Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
Bengaluru - 560 057.



**Principal**  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Date: 22-09-2021

To,

IQAC Coordinator  
Sapthagiri College of Engineering  
Bangalore - 560057.

Respected Sir,

Subject: Budget Proposal for conduction of certification program on  
"AutoCAD".


The Budget Proposal for conduction a certification program on "AutoCAD"  
from 04/10/2021 to 08/10/2021 is hereby enclosed for your kind consideration and  
approval.

The details of the Recurring budget are given as follows:

Recurring Amount:

Sl. No.	Description	Quantity	Amount in Rs.
1	Bouquet	1	200
2	Certificates	76	5000
3	Others	1	1000
Total			6200

forwarded for GC approval  
and certification  
Handed  
(R. HARISH)  
IQAC - Coordinator.

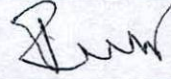
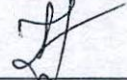


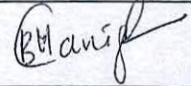
  
HOD  
Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
Bangalore - 560 057.

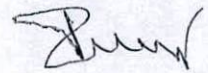
  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560 057

Date: 24-09-2021

**CIRCULAR**

This is to inform that the following Academic Committee members are requested to attend the meeting on 25/09/2021 at 9.30 am in the HODs chamber to decide the syllabus and the lesson plan for the certification program on "AutoCAD".

Sl No.	Faculty Name	Designation	Signature
1	Dr. P. Mahadeva Swamy	HOD	
2	Dr. Tulsidas	Associate Professor	
3	Dr. R G Deshpande	Associate Professor	
4	Dr. Basavaraju. S	Associate Professor	
5	Dr. Basavaraj. G	Assistant Professor	



**HOD**

Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
Bengaluru - 560 057.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

Date :24-09-2021

To,

Mr. Mahindra G  
Design Engineer  
CADMAXX Solution  
Bengaluru

Respected Sir,

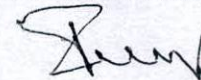
Subject: Invitation as a "Guest Speaker" in certification program and  
to attend meeting to discuss about the certification program.

Department of Mechanical Engineering has planned to conduct a certification program titled "AutoCAD" for 5<sup>th</sup> semester students from 04/10/2021 to 08/10/2021 In this connection, we are privileged to invite you as a guest speaker on the above mentioned topic.

Thanking you for your kind acceptance to our request on phone. We request you to attend the meeting to discuss about the conduction of certification course on 25/09/2021 at 9.30 am in Mechanical HODs Chamber. We look forward to welcome you at SCE.

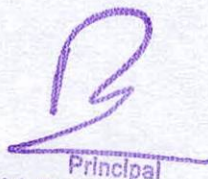
Thanking you

Yours faithfully



HOD

Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
Bengaluru - 560 057.



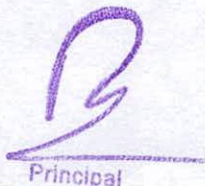
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hosuraghatta Main Road  
Bengaluru - 560 057

### Minutes of Meeting

A meeting was conducted on 25-Sep-2021 in Mechanical HODs Chamber to discuss and approve the following about the 5 days Certification Course for 5<sup>th</sup> semester ME Students.

- **Course Title :** AutoCAD
- **Program Coordinator :** Dr. R G Deshpande
- **Resource Person:** Mr. Mahindra G ,Design Engineer, CADMAXX Solution, Bengaluru
- **Course Duration & Date:** 5 Days from : 04/10/2021 to 08/10/2021
- Lesson Plan of the certification program

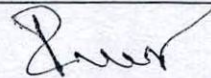



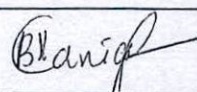
Dates	SESSION 1 (9.00 am-12.00 pm)	SESSION 2 (1.00 pm- 4.00 pm)	No. of Hours
04/10/2021 Monday	Drafting and Drawing	2D Sketch Modeling	6
05/10/2021 Tuesday	2D Sketch Modeling	3D Modeling	6
06/10/2021 Wednesday	Assembly drawing	Assembly drawing	6
07/10/2021 Thursday	Sheet Metal parts drawing	Sheet Metal parts drawing	6
08/10/2021 Friday	Advance Surface Modeling	Advance Surface Modeling	6

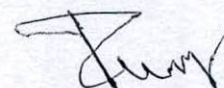


Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

The following members were present in the meeting and the syllabus and lesson plan for the certification program has been decided.

Sl No.	Faculty Name	Designation	Signature
1	Dr. P. Mahadeva Swamy	HOD	
2	Dr. Tulsidas	Associate Professor	
3	Dr. R G Deshpande	Associate Professor	
4	Dr. Basavaraju. S	Associate Professor	
5	Dr. Basavaraj. G	Assistant Professor	



**HOD**

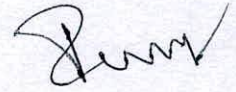
Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
Bengaluru - 560 057.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heeraghatta Main Road  
Bengaluru - 560 057

**NOTICE**

As a part of programming skill development, Department of Mechanical Engineering is conducting five days Certification Course on “**AutoCAD**” from 04/10/2021 to 08/10/2021 for 5<sup>th</sup> Semester mechanical students. The Students enroll your names with Dr. R G Deshpande.



**HOD**

Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
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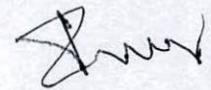
**Five days Certification Program on "AutoCAD"**

**Students Enrollment**

Sl.No.	USN	Student Name
1	1SG19ME001	ABIN JOSE
2	1SG19ME003	AJITH S
3	1SG19ME004	AKASH B
4	1SG19ME005	AKASH GOWDA N
5	1SG19ME007	ANIRUDDHA M
6	1SG19ME008	ARAVIND M
7	1SG19ME009	ASHWIN PURUSHOTHAM
8	1SG19ME010	ASHWIN R
9	1SG19ME011	BADRISH S
10	1SG19ME012	CHARITH A
11	1SG19ME013	CHRISTO KOSHY THOMAS
12	1SG19ME014	CLEMENT WILFRED WEIDLE
13	1SG19ME015	DEEPAK CHAUHAN
14	1SG19ME016	DILIP KUMAR N R
15	1SG19ME017	GURUCHARAN S
16	1SG19ME018	HARISH G
17	1SG19ME019	HARISH K
18	1SG19ME020	HARSHITH GOWDA D S
19	1SG19ME021	HEMANTH H N
20	1SG19ME023	JEEVANKUMAR H
21	1SG19ME024	KARTHIK N
22	1SG19ME025	KUSHAL V
23	1SG19ME026	LOKESH GOWDA H M
24	1SG19ME027	MD ASHIK ANSARI
25	1SG19ME028	MOHAMMED JAVED
26	1SG19ME029	MOHAMMED MAAZ
27	1SG19ME031	NEHA S GOWDA
28	1SG19ME032	NIKHIL R
29	1SG19ME033	NIRANJAN V (Venkatesh V)
30	1SG19ME900	RASHIKA
31	1SG20ME400	AKASH B N
32	1SG20ME401	ANKITISH G

33	1SG20ME402	ARUN P
34	1SG20ME403	BHARATH V
35	1SG20ME404	BHOOSHAN NACHAPPA
36	1SG20ME405	CHANNABASAPPA D V
37	1SG20ME406	CHETHAN B
38	1SG20ME407	CHETHAN KUMAR S
39	1SG20ME408	HARSHITH H ACHARYA
40	1SG20ME409	HRITHIK B
41	1SG20ME410	KAUSHIK P
42	1SG20ME411	LOKESH L
43	1SG20ME412	NAGABHUSHAN N
44	1SG20ME413	PRAJWAL C K
45	1SG20ME414	PRAMODKUMAR H
46	1SG20ME415	PURUSHOTHAM G S
47	1SG20ME416	RAVEENDRA
48	1SG20ME417	SANTHOSH N
49	1SG20ME418	SRINIVAS SK
50	1SG20ME419	THARUN KUMAR N H
51	1SG20ME420	YESHWANTH KUMAR B
52	1SG19ME036	NRUPADA RAMESH
53	1SG19ME037	PRAJWAL B M
54	1SG19ME038	PRAJWAL S REDDY
55	1SG19ME039	PRATEEK P JIGALORE
56	1SG19ME040	RAGHAV RAMESH
57	1SG19ME041	RAHUL B CHOUDHARY
58	1SG19ME042	RAHUL BHIMANNA AROLI
59	1SG19ME043	RAHUL H M
60	1SG19ME045	ROOPESH R
61	1SG19ME046	RUDRESH S
62	1SG19ME047	SADHU
63	1SG19ME048	SAGAR T
64	1SG19ME049	SANGEETH KUMAR S
65	1SG19ME050	SANTHOSH S
66	1SG19ME051	SHASHANK K C
67	1SG19ME055	SHREYAS R
68	1SG19ME056	SHRISH S DIGRAJ

69	1SG19ME057	SHYAM PV GOWDA
70	1SG19ME058	SOWRABHA R S
71	1SG19ME059	SUDEEP R
72	1SG19ME063	TEJAS D
73	1SG19ME064	THARUN G
74	1SG19ME065	THARUN K
75	1SG19ME066	U P K SWAMY
76	1SG19ME068	VIKAS GOWDA U T



**HOD**  
Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
Bengaluru - 560 057

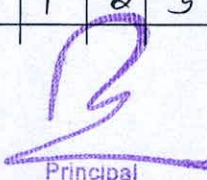


**Principal**  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

**Five days Certification Program on "AutoCAD"**

**Attendance**

Sl No.	USN	Student Name	4/10/21		5/10/21		6/10/21		7/10/21		8/10/21		
			MS	AS	MS	AS	MS	AS	MS	AS	MS	AS	
1	1SG19ME001	ABIN JOSE	1	2	3	4	5	6	7	8	9	10	
2	1SG19ME003	AJITH S	1	2	3	4	5	6	7	8	9	10	
3	1SG19ME004	AKASH B	1	2	3	4	5	6	7	8	9	10	
4	1SG19ME005	AKASH GOWDA N	1	2	3	4	5	6	7	8	9	10	
5	1SG19ME007	ANIRUDDHA M	1	2	3	4	5	6	7	8	9	10	
6	1SG19ME008	ARAVIND M	1	2	3	4	5	6	7	8	9	10	
7	1SG19ME009	ASHWIN PURUSHOTHAM	1	2	3	4	5	6	7	8	9	10	
8	1SG19ME010	ASHWIN R	1	2	3	4	5	6	7	8	9	10	
9	1SG19ME011	BADRISH S	1	2	3	4	5	6	7	8	9	10	
10	1SG19ME012	CHARITH A	1	2	3	4	5	6	7	8	9	10	
11	1SG19ME013	CHRISTO KOSHY THOMAS	1	2	3	4	5	6	7	8	9	10	
12	1SG19ME014	CLEMENT WILFRED	1	2	3	4	5	6	7	8	9	10	
13	1SG19ME015	DEEPAK CHAUHAN	1	2	3	4	5	6	7	8	9	10	
14	1SG19ME016	DILIP KUMAR N R	1	2	3	4	5	6	7	8	9	10	
15	1SG19ME017	GURUCHARAN S	1	2	3	4	5	6	7	8	9	10	
16	1SG19ME018	HARISH G	1	2	3	4	5	6	7	8	9	10	
17	1SG19ME019	HARISH K	1	2	3	4	5	6	7	8	9	10	
18	1SG19ME020	HARSHITH GOWDA D S	1	2	3	4	5	6	7	8	9	10	
19	1SG19ME021	HEMANTH H N	1	2	3	4	5	6	7	8	9	10	
20	1SG19ME023	JEEVANKUMAR H	1	2	3	4	5	6	7	8	9	10	
21	1SG19ME024	KARTHIK N	1	2	3	4	5	6	7	8	9	10	
22	1SG19ME025	KUSHAL V	1	2	3	4	5	6	7	8	9	10	
23	1SG19ME026	LOKESH GOWDA H M	1	2	3	4	5	6	7	8	9	10	
24	1SG19ME027	MD ASHIK ANSARI	1	2	3	4	5	6	7	8	9	10	
25	1SG19ME028	MOHAMMED JAVED	1	2	3	4	5	6	7	8	9	10	
26	1SG19ME029	MOHAMMED MAAZ	1	2	3	4	5	6	7	8	9	10	
27	1SG19ME031	NEHA S GOWDA	1	2	3	4	5	6	7	8	9	10	
28	1SG19ME032	NIKHIL R	1	2	3	4	5	6	7	8	9	10	
29	1SG19ME033	NIRANJAN V (Venkatesh)	1	2	3	4	5	6	7	8	9	10	

  
Principal

31	1SG20ME400	AKASH B N	1	2	3	4	5	6	7	8	9	10
32	1SG20ME401	ANKUSH G	1	2	3	4	5	6	7	8	9	10
33	1SG20ME402	ARUN P	1	2	3	4	5	6	7	8	9	10
34	1SG20ME403	BHARATH V	1	2	3	4	5	6	7	8	9	10
35	1SG20ME404	BHOOSHAN NACHAPPA	1	2	3	4	5	6	7	8	9	10
36	1SG20ME405	CHANNABASAPPA D V	1	2	3	4	5	6	7	8	9	10
37	1SG20ME406	CETHAN B	1	2	3	4	5	6	7	8	9	10
38	1SG20ME407	CETHAN KUMAR S	1	2	3	4	5	6	7	8	9	10
39	1SG20ME408	HARSHITH H ACHARYA	1	2	3	4	5	6	7	8	9	10
40	1SG20ME409	HRITHIK B	1	2	3	4	5	6	7	8	9	10
41	1SG20ME410	KAUSHIK P	1	2	3	4	5	6	7	8	9	10
42	1SG20ME411	LOKESH L	1	2	3	4	5	6	7	8	9	10
43	1SG20ME412	NAGABHUSHAN N	1	2	3	4	5	6	7	8	9	10
44	1SG20ME413	PRAJWAL C K	1	2	3	4	5	6	7	8	9	10
45	1SG20ME414	PRAMODKUMAR H	1	2	3	4	5	6	7	8	9	10
46	1SG20ME415	PURUSHOTHAM G S	1	2	3	4	5	6	7	8	9	10
47	1SG20ME416	RAVEENDRA	1	2	3	4	5	6	7	8	9	10
48	1SG20ME417	SANTHOSH N	1	2	3	4	5	6	7	8	9	10
49	1SG20ME418	SRINIVAS SK	1	2	3	4	5	6	7	8	9	10
50	1SG20ME419	THARUN KUMAR N H	1	2	3	4	5	6	7	8	9	10
51	1SG20ME420	YESHWANTH KUMAR B	1	2	3	4	5	6	7	8	9	10
52	1SG19ME036	NRUPADA RAMESH	1	2	3	4	5	6	7	8	9	10
53	1SG19ME037	PRAJWAL B M	1	2	3	4	5	6	7	8	9	10
54	1SG19ME038	PRAJWAL S REDDY	1	2	3	4	5	6	7	8	9	10
55	1SG19ME039	PRATEEK P JIGALORE	1	2	3	4	5	6	7	8	9	10
56	1SG19ME040	RAGHAV RAMESH	1	2	3	4	5	6	7	8	9	10
57	1SG19ME041	RAHUL B CHOUDHARY	1	2	3	4	5	6	7	8	9	10
58	1SG19ME042	RAHUL BHIMANNA AROLI	1	2	3	4	5	6	7	8	9	10
59	1SG19ME043	RAHUL H M	1	2	3	4	5	6	7	8	9	10
60	1SG19ME045	ROOPESH R	1	2	3	4	5	6	7	8	9	10
61	1SG19ME046	RUDRESH S	1	2	3	4	5	6	7	8	9	10
62	1SG19ME047	SADHU	1	2	3	4	5	6	7	8	9	10
63	1SG19ME048	SAGAR T	1	2	3	4	5	6	7	8	9	10
64	1SG19ME049	SANGEETH KUMAR S	1	2	3	4	5	6	7	8	9	10
65	1SG19ME050	SANTHOSH S	1	2	3	4	5	6	7	8	9	10
66	1SG19ME051	SHASHANK K C	1	2	3	4	5	6	7	8	9	10

67	1SG19ME055	SHREYAS R	1	2	3	4	5	6	7	8	9	10	
68	1SG19ME056	SHRISH S DIGRAJ	1	2	3	4	5	6	7	8	9	10	
69	1SG19ME057	SHYAM PV GOWDA	1	2	3	4	5	6	7	8	9	10	
70	1SG19ME058	SOWRABHA R S	1	2	3	4	5	6	7	8	9	10	
71	1SG19ME059	SUDEEP R	1	2	3	4	5	6	7	8	9	10	
72	1SG19ME063	TEJAS D	1	2	3	4	5	6	7	8	9	10	
73	1SG19ME064	THARUN G	1	2	3	4	5	6	7	8	9	10	
74	1SG19ME065	THARUN K	1	2	3	4	5	6	7	8	9	10	
75	1SG19ME066	U P K SWAMY	1	2	3	4	5	6	7	8	9	10	
76	1SG19ME068	VIKAS GOWDA U T	1	2	3	4	5	6	7	8	9	10	
Signature of Resource Personnel													



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesareghatta Main Road  
Bengaluru - 560 057



**HOD**

Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
Bengaluru - 560 057.

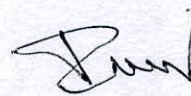
**Five days Certification Program on "AutoCAD"**

**Test Time Table**

Sl. No.	DATE	DAY	TIMINGS
1	08/10/2021	Friday	3 pm to 4 pm



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Heasraghatta Main Road  
Bengaluru - 560 057



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Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
Bengaluru - 560 057,





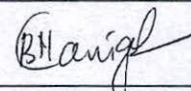
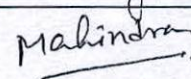
**Five days Certification courses on AutoCAD Test Question Paper**

**Duration: 1 hour**

**Maximum Marks-15 Marks**

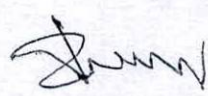
1. The \_\_\_\_\_ option is selected when you need to extrude the sketch symmetrically on both sides of the plane, on which the sketch is created.
2. The \_\_\_\_\_ option adds the draft that is aligned with the profile.
3. NX uses the \_\_\_\_\_ rule to determine the direction of revolution.
4. You can restore standard views by choosing various buttons from the \_\_\_\_\_ toolbar.
5. After invoking the Quick Trim tool, you can drag the cursor to trim \_\_\_\_\_ entities.
6. General pockets can be created on both \_\_\_\_\_ and \_\_\_\_\_ faces.
7. The Tangent to Faces type is used to create a draft, which is \_\_\_\_\_ to the selected faces.
8. The length of the rectangular pad will be \_\_\_\_\_ to the horizontal reference.
9. The \_\_\_\_\_ analysis provides the interference check between the components in an assembly.
10. The \_\_\_\_\_ is a file extension associated with all the files that are created in different environments of NX.
11. The \_\_\_\_\_ keeps a track of all the operations that are carried out on the part.
12. The \_\_\_\_\_ constraint is used to fix a selected entity in terms of its position with respect to the coordinate system of the current sketch.
13. Press and hold the middle mouse button to invoke the \_\_\_\_\_ tool.
14. The \_\_\_\_\_ toolbar is used to generate the GDT parameters, annotations, and symbols.
15. The \_\_\_\_\_ technique is used to automatically generate the drawing views of the parts and assemblies.

**Approved by Academic Committee Members & HOD**

Sl No.	Faculty Name	Designation	Signature
1	Dr. P. Mahadeva Swamy	HOD	
2	Dr. Tulsidas	Associate Professor	
3	Dr. R G Deshpande	Associate Professor	
4	Dr. Basavaraju. S	Associate Professor	
5	Dr. Basavaraj. G	Assistant Professor	
6	Mr. Mahindra G	Guest Speaker	



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Bengaluru - 560 057



**HOD**  
Professor & Head  
Department of Mechanical Engineering  
Sapthagiri College of Engineering  
Bengaluru - 560 057.

**Five days Certification courses on AutoCAD Test Question Paper Solution**

**Duration:1 hour**





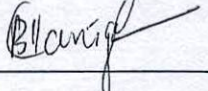
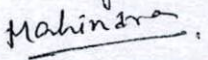
**Maximum Marks-15 Marks**

1. The **Symmetric Value** option is selected when you need to extrude the sketch symmetrically on both sides of the plane, on which the sketch is created.
2. The **From Section** option adds the draft that is aligned with the profile.
3. NX uses the **Right-hand thumb rule** to determine the direction of revolution.
4. You can restore standard views by choosing various buttons from the **View** toolbar.
5. After invoking the Quick Trim tool, you can drag the cursor to trim **multiple** entities.
6. General pockets can be created on both **planar** and **nonplanar** faces.
7. The Tangent to Faces type is used to create a draft, which is **tangent** to the selected faces.
8. The length of the rectangular pad will be **parallel** to the horizontal reference.
9. The **Check Clearance** analysis provides the interference check between the components in an assembly.
10. The **\*.prt**, is a file extension associated with all the files that are created in different environments of NX.
11. The **Part Navigator** keeps a track of all the operations that are carried out on the part.
12. The **fixed** constraint is used to fix a selected entity in terms of its position with respect to the coordinate system of the current sketch.
13. Press and hold the middle mouse button to invoke the **Rotate** tool.
14. The **drafting Annotation** toolbar is used to generate the GDT parameters, annotations, and symbols.
15. The generative **drafting** technique is used to automatically generate the drawing views of the parts and assemblies.



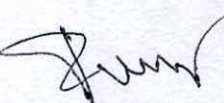
Principal

**Approved by Academic Committee Members & HOD**

Sl No.	Faculty Name	Designation	Signature
1	Dr. P. Mahadeva Swamy	HOD	
2	Dr. Tulsidas	Associate Professor	
3	Dr. R G Deshpande	Associate Professor	
4	Dr. Basavaraju. S	Associate Professor	
5	Dr. Basavaraj. G	Assistant Professor	
6	Mr. Mahindra G	Guest Speaker	



**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Heeraghatta Main Road  
Bengaluru - 560057



**HOD**  
**Professor & Head of Department**  
**Department of Mechanical Engineering**  
**Sapthagiri College of Engineering**  
Bengaluru - 560057

Ashwin R (15919ME010)

**Five days Certification courses on AutoCAD Test Question Paper**

Duration: 1 hour



Maximum Marks-15 Marks

1. The Symmetric option is selected when you need to extrude the sketch symmetrically on both sides of the plane, on which the sketch is created.
2. The Front Section option adds the draft that is aligned with the profile.
3. NX uses the Right hand rule to determine the direction of revolution.
4. You can restore standard views by choosing various buttons from the View toolbar.
5. After invoking the Quick Trim tool, you can drag the cursor to trim Multiple entities.
6. General pockets can be created on both planar and non planar faces.
7. The Tangent to Faces type is used to create a draft, which is tangent to the selected faces.
8. The length of the rectangular pad will be parallel to the horizontal reference.
9. The Check Clearance analysis provides the interference check between the components in an assembly.
10. The .prt is a file extension associated with all the files that are created in different environments of NX.
11. The Part keeps a track of all the operations that are carried out on the part.
12. The fixed constraint is used to fix a selected entity in terms of its position with respect to the coordinate system of the current sketch.
13. Press and hold the middle mouse button to invoke the Rotate tool.
14. The drafting toolbar is used to generate the GDT parameters, annotations, and symbols.
15. The drafting technique is used to automatically generate the drawing views of the parts and assemblies.

Principal

**Five days Certification courses on AutoCAD Test Question Paper**

**RASHIKA (1SG19ME900)**

Duration: 1 hour

Maximum Marks-15 Marks

14  
15

- ✓ 1. The Symmetric option is selected when you need to extrude the sketch symmetrically on both sides of the plane, on which the sketch is created.
2. The FRONT option adds the draft that is aligned with the profile.
3. NX uses the RIGHT rule to determine the direction of revolution.
4. You can restore standard views by choosing various buttons from the VIEW toolbar.
- ✓ 5. After invoking the Quick Trim tool, you can drag the cursor to trim MULTIPLE entities.
- ✓ 6. General pockets can be created on both PLANAR and NON PLANAR faces.
- ✓ 7. The Tangent to Faces type is used to create a draft, which is TANGENT to the selected faces.
8. The length of the rectangular pad will be \_\_\_\_\_ to the horizontal reference.
- ✓ 9. The CHECK analysis provides the interference check between the components in an assembly.
- ✓ 10. The PRT is a file extension associated with all the files that are created in different environments of NX.
- ✓ 11. The PART keeps a track of all the operations that are carried out on the part.
- ✓ 12. The FIXED constraint is used to fix a selected entity in terms of its position with respect to the coordinate system of the current sketch.
- ✓ 13. Press and hold the middle mouse button to invoke the ROTATE tool.
- ✓ 14. The DRAFTING toolbar is used to generate the GDT parameters, annotations, and symbols.
- ✓ 15. The DRAFTING technique is used to automatically generate the drawing views of the parts and assemblies.



Principal

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Bangalore - 560 057



**SAPTHAGIRI COLLEGE OF ENGINEERING**  
**BENGALURU-560057**  
(Accredited by NAAC with "A" grade)  
(An ISO 9001:2015 & ISO 14001:2015 Certified Institution)  
(Affiliated to VTU, Belagavi and approved by AICTE, New Delhi)  
**DEPARTMENT OF MECHANICAL ENGINEERING**



*Type of event/activity	<b>Workshop for Students</b>
Name/Title of the Activity/Event	<b>Five Days Workshop on AutoCAD</b>
Date of Organization	04/10/2021 to 08/10/2021
Venue (with address)	College campus – Sapthagiri College of Engineering
Organized by	Sapthagiri College of Engineering, Bengaluru
<u>Objectives of the event/activity</u>	<ol style="list-style-type: none"><li>1. Provide an opportunity for students to develop skills in AutoCAD.</li><li>2. Create opportunity for students to teach, discuss and learn about AutoCAD software.</li><li>3. To provide an opportunity to students to develop drawings of Engineering components / Machines etc.</li><li>4. To prepare assembly / 3D Models using AutoCAD software.</li></ol>
Participants (Please attach list of participants, if it is organized/conducted in the dept.))	76
Mention organized / participated/attended	76 Students of 5 <sup>th</sup> Semester Mechanical Engineering participated in workshop.




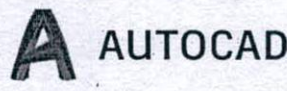

**Event Description:**

A five day workshop on AutoCAD was organized by department of Mechanical Engineering for 5<sup>th</sup> Semester students. Prateek and Nrupada Ramesh students of 5<sup>th</sup> Semester Mechanical Engineering who have done certification course in AutoCAD, were the instructors for the workshop. The workshop was held for five days in computer aided machine drawing lab and all the participants were awarded with participation certificate.

  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

## Images:

<b>FIVE DAYS HANDS ON AUTOCAD TRAINING</b> 04/10/2021 - 08/10/2021 <b>REGISTRATION FORM</b>	<b>CHIEF PATRONS</b> Sri. G. Dayanand, Chairman, SCE Bengaluru Sri. G. D. Manoj, Executive Director SCE Bengaluru	   <b>SAPTHAGIRI COLLEGE OF ENGINEERING</b> <small>Affiliated to VTU Belagavi, Approved by AICTE, New Delhi ISO 9001:2015 &amp; 14001:2015 Certified Institution          Accredited by NAAC with 'A' Grade          14/5, Hesaraghatta Main Road, Chikkasandra, Jalahalli West, Bengaluru, Karnataka - 560057</small>
NAME : USN : SEM & SEC : EMAIL ID :	<b>PATRONS</b> Dr. H. Ramakrishna, Principal SCE Bengaluru <b>ORGANIZING COMMITTEE</b> Dr. PMahadevaswamy - HOD (ME) Dr. Tulsidas.D - Assoc. Prof (ME) Dr. R.G.Deshpande - Assoc. Prof (ME) Dr. Basavaraju.S - Assoc. Prof (ME) Dr. Basavaraj.G - Asst. Prof (ME)	 <b>FIVE DAYS WORKSHOP FOR 5th SEM MECHANICAL STUDENTS ON</b> <b>"AUTODESK AUTOCAD"</b> 04/10/2021 - 08/10/2021 <b>ORGANIZED BY</b> DEPARTMENT OF MECHANICAL ENGINEERING IN ASSOCIATION WITH GADPRO TECHNOLOGIES Pvt. Ltd
Registration Link :  Signature of Student		



Principal

Sapthagiri College of Engineering  
 14/5, Chikkasandra, Hesaraghatta Main Road  
 Bengaluru - 560 057

**FIVE DAYS HANDS ON AUTOCAD  
TRAINING**

**04/10/2021 - 08/10/2021**

**REGISTRATION FORM**

NAME :

USN :

SEM & SEC :

EMAIL ID :

Registration Link :

<https://forms.gle/orBmeWvwYbxwjhqa7>

Signature of Student

  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

**COORDINATORS**

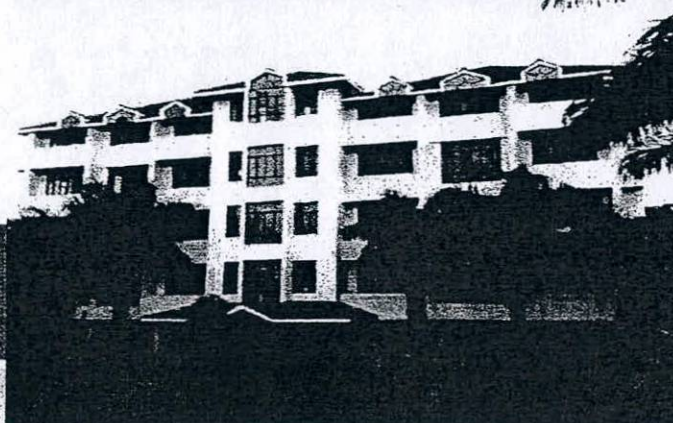
Sri. G. Dayanand, Chairman, SCE Bengaluru  
Sri. G. D. Manoj, Executive Director, SCE  
Bengaluru

**IN-CHARGE**

Dr. H. Ramakrishna, Principal, SCE Bengaluru

**ORGANIZED BY**

Dr. P. Mahadevaswamy - HOD (ME)  
Dr. Tuladas D. - Assoc. Prof. (CE)  
Dr. R. G. Deshpande - Assoc. Prof. (ME)  
Dr. Basavaraj S. - Assoc. Prof. (ME)  
Dr. Basavaraj G. - Asst. Prof. (ME)



GADMAXX

**SAPTHAGIRI COLLEGE OF ENGINEERING**

Affiliated to VTU Belagavi, Approved by AICTE, New Delhi ISO 9001-2015 &  
14001-2015 Certified Institution  
Accredited by NAAC with 'A' Grade  
14/5, Hesarghatta Main Road, Chikkasandra, Jalahalli West,  
Bengaluru, Karnataka - 560057

**A AUTOCAD**

**FIVE DAYS WORKSHOP FOR 5th SEM  
MECHANICAL STUDENTS ON**

**"AUTODESK AUTOCAD"**

**04/10/2021 - 08/10/2021**

**ORGANIZED BY**

DEPARTMENT OF MECHANICAL  
ENGINEERING  
IN ASSOCIATION WITH GADGAD  
TECHNOLOGIES Pvt. Ltd.

Sapthagiri College of Engineering, Bengaluru popularly known as SCE is the brain child of the well-known industrialist and philanthropist Sri. G. Dayanand, the Chairman of the Governing Board of the College. SCE is approved by AICTE and is accredited with 'A' Grade, affiliated to Visvesvaraya Technological University. The college offers 7 UG courses with an annual intake of 720 students.

## VISION

To be a best institution imparting quality Engineering education to deal with community needs through learning and performance.

## MISSION

1. To implement path breaking student centric education methods.
2. To augment talent nurture teamwork to transform to develop individual as responsible citizen.
3. To educate the students and faculties about entrepreneurship to meet vibrant requirements of the society.
4. Strengthen Industry-Institute interaction for knowledge sharing.

The Mechanical Engineering department was established in the year 2001 with an initial intake of 60 students and later in the year 2013 it is enhanced to 120 students. The department is also recognized as Research centre from VTU Belagavi and offering Ph. D /M. Sc (Engg.) courses. The department is well equipped with advanced laboratories to carry out research in the domain of metallurgy and I. C. Engines.

The department conducts Faculty development Programmes (FDP), Guest lectures, Workshops, Industrial visits and value added courses to enhance and spread the knowledge to the students and staff. MoU's are signed with industries for skill development training programmes and research for both faculties and students.

## VISION OF THE DEPARTMENT

To create academically excellent and globally competent mechanical professionals to serve the needs of society.

## MISSION OF THE DEPARTMENT

MET has still strong foundation in mechanical domain through learning centre teaching methodology and to facilitate for higher education and research.

M2. To provide a for developing leadership & entire needs.

M3. To nurture to for innovative interaction with

## ABOUT THE

Workshop on comprehensively in brief and extent complete concepts over five days of planned to cover AutoCAD and the practice of components drawn

## INSTRUCT

Professor Srigorla Nrupada Ramiah (S) Prasad SV (EAS)



CADMAXX

# CERTIFICATE *of completion*

This certificate is presented to

*Santhosh S*

for successfully completing 5 days AutoCAD  
workshop from 04/10/2021 to 08/10/2021  
and for acquiring the required skills for  
Engineering drawing in AutoCAD

A handwritten signature in black ink, likely belonging to Dr. P Mahadevaswamy.

Dr. P Mahadevaswamy  
ME, HOD

A handwritten signature in black ink, likely belonging to Mahendra. B.

Mahendra. B  
Cadmaxx

A handwritten signature in black ink, likely belonging to Dr. H Ramakrishna.

Dr. H Ramakrishna  
Principal



CADMAXX

# CERTIFICATE *of completion*

This certificate is presented to

*Nrupada Ramesh*

for successfully completing 5 days AutoCAD  
workshop from 04/10/2021 to 08/10/2021  
and for acquiring the required skills for  
Engineering drawing in AutoCAD

Dr. P Mahadevaswamy  
ME, HOD

Mahendra. B  
Cadmaxx

Dr. H Ramakrishna  
Principal



CADMAXX

# CERTIFICATE *of completion*

This certificate is presented to

*Prateek P Jigalore*

for successfully completing 5 days AutoCAD  
workshop from 04/10/2021 to 08/10/2021  
and for acquiring the required skills for  
Engineering drawing in AutoCAD

A handwritten signature in black ink, appearing to be "Dr. P Mahadevaswamy".

Dr. P Mahadevaswamy  
ME, HOD

A handwritten signature in black ink, appearing to be "Mahendra B".

Mahendra. B  
Cadmaxx

A handwritten signature in black ink, appearing to be "Dr. H Ramakrishna".

Dr. H Ramakrishna  
Principal

A purple circular stamp with a stylized "S" in the center. The text "Principal" is written above the "S", and "Sapthagiri College of Engineering" is written below it. Below the college name, the address "14/5, Chikkasandra, Hesara" is partially visible.

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesara



CADMAXX

# CERTIFICATE *of completion*

This certificate is presented to

*Sagar J*

for successfully completing 5 days AutoCAD  
workshop from 04/10/2021 to 08/10/2021  
and for acquiring the required skills for  
Engineering drawing in AutoCAD

Dr. P Mahadevaswamy  
ME, HOD

Mahendra. B  
Cadmaxx

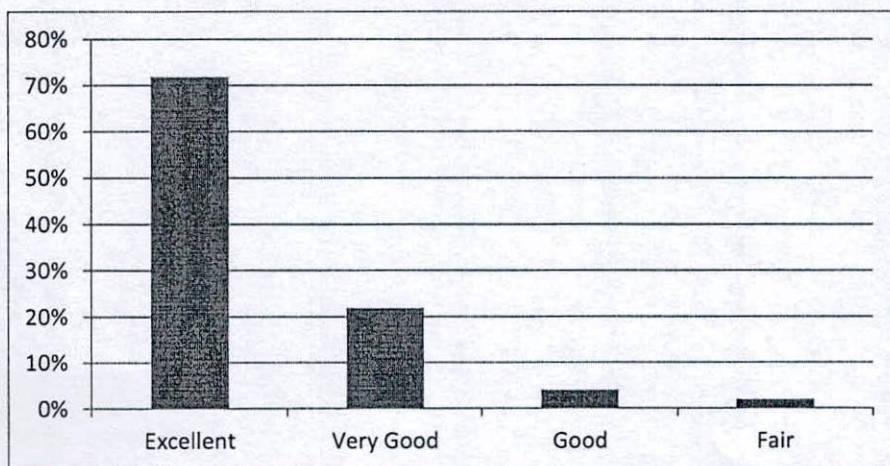
Dr. H Ramakrishna  
Principal

Sapthagiri College of Engineering  
Chikkasandra, Hosur

### FEEDBACK ANALYSIS

Certification Program: "AutoCAD"

No. of students participated	Student Feedback			
	Excellent	Very Good	Good	Fair
76	72%	22%	4%	2%

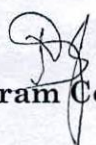


#### Action Report:

72 % of students were completely happy with the certification program and 22 % of students felt it was a good program and remaining 6 % students were satisfied with the program.

#### Action Taken:

The Feedback report which was collected from the students was sent to the principal and he would take necessary actions based on the comments and conduct more programs for the benefit of students.

  
**Program Coordinator**

  
**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hosuraghatta Main Road,  
Bengaluru - 560 057

  
**HOD**  
Professor & Head  
Department of Mechanical Engineering,  
Sapthagiri College of Engineering  
Bengaluru - 560 057.