



STUDENTS FEEDBACK ON CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies/institution.

Academic Year	2023-24
Branch	Mechanical
Name of the Student	Naveen Kumar. N.
USN	1SG23ME402

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent	Very good	Good	Average	Below Average
		5	4	3	2	1
1	How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?			✓		
2	How do you rate the allocation of the credits to the courses?		✓			
3	Relevance for implementation in projects	✓				
4	How do you rate the electives offered in relation to the technological advancements?		✓			
5	How do rate the evaluation scheme designed for each of the course?	✓				
6	How do you rate the percentage of courses having LAB components?		✓			
7	Curriculum is sufficient to make you analyze the engineering problems and its suitable solution	✓				

Suggestions: Skills related to practical knowledge to be added.

Naveen Kumar. N.
Signature


Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057



ALUMNI FEEDBACK ON CURRICULUM

We are glad that you have spent valuable years pursuing courses of your choice at SCE. We shall be thankful if you can spare some of your valuable time to fill up this feedback form and give us valuable suggestions for further improvement of the College. Your valuable inputs will be of great use to improve the quality of our academic programs and enhance the credibility of our Institution. Rate the adequacy of following as they were during your tenure as a student

Year of Passing	2023
Branch	Mechanical.
Name	Prateek. P.
Status : Work/Study	Work
Phone no	

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent	Very good	Good	Average	Below Average
		5	4	3	2	1
1	When you compare yourself with other counterparts from other Institution, you feel that you got most of all the facilities which is not available in other Institution	✓				
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities or broadening perspectives)		✓			
3	Curriculum is sufficient to make you analyze the engineering problems and its suitable solution	✓				
4	How do you rate the learning experience in terms of their relevance to the real life application	✓				
5	Ability to work in teams	✓				
6	Ability to link theory to practice	✓				
7	How do you rate the course/curriculum content that you have learnt in relation to your current job		✓			
8	Compatibility with industry standards		✓			

Suggestions:

Need more industry related skill courses

Signature

Prateek.

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
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Year of Passing	2023
Branch	Mechanical
Name	Sagar. T.
Status : Work/Study	work
Phone no	

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent	Very good	Good	Average	Below Average
		5	4	3	2	1
1	When you compare yourself with other counterparts from other Institution, you feel that you got most of all the facilities which is not available in other Institution	✓				
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities or broadening perspectives)		✓			
3	Curriculum is sufficient to make you analyze the engineering problems and its suitable solution		✓			
4	How do you rate the learning experience in terms of their relevance to the real life application		✓			
5	Ability to work in teams		✓			
6	Ability to link theory to practice	✓				
7	How do you rate the course/curriculum content that you have learnt in relation to your current job		✓			
8	Compatibility with industry standards		✓			

Suggestions: Drafting skills Courses required

Sagar
Signature

Principal
Sapthagiri College of Engineering
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SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)
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(Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE, New Delhi)
Chikkasandra, Bangalore-560057

FACULTY FEEDBACK ON CURRICULUM

This questionnaire is intended to collect information relating to your satisfaction towards the curriculum, teaching, learning and evaluation. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies/institution.

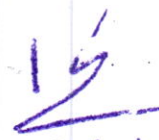
Academic Year	2023-24
Branch	Mechanical Engineering
Name of the Faculty	Dr. R. G. Deshpande
Designation	Associate Professor
Subject/Sub. code	Applied Thermodynamics

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent	Very good	Good	Average	Below Average
		5	4	3	2	1
1	Do you feel that the curriculum is defined in a way to clarify your teaching goals and what you expect your students to learn?	✓				
2	Is the curriculum sufficient to bridge the gap between industry standards /current global scenarios and academics?		✓			
3	Is the timely coverage of curriculum possible in the mentioned number of hours?		✓			
4	Sufficient reference material and books are available for the topics mentioned in the curriculum?	✓				
5	The evaluation methods mentioned in the curriculum are sufficient for providing proper assessment?		✓			
6	Curriculum is suitable to the course		✓			
7	The curriculum/course of this subject increased my industry knowledge and perspective in the subject area	✓				

Suggestions: Planned for Certification Course on Drafting skills


Signature


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FACULTY FEEDBACK ON CURRICULUM

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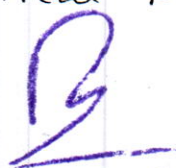
Academic Year	2023-24
Branch	Mechanical.
Name of the Faculty	Ramesh. N. G
Designation	Asst. Professor.
Subject/Sub. code	FEM

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent	Very good	Good	Average	Below Average
		5	4	3	2	1
1	Do you feel that the curriculum is defined in a way to clarify your teaching goals and what you expect your students to learn?		✓			
2	Is the curriculum sufficient to bridge the gap between industry standards /current global scenarios and academics?			✓		
3	Is the timely coverage of curriculum possible in the mentioned number of hours?		✓			
4	Sufficient reference material and books are available for the topics mentioned in the curriculum?			✓		
5	The evaluation methods mentioned in the curriculum are sufficient for providing proper assessment?		✓			
6	Curriculum is suitable to the course		✓			
7	The curriculum/course of this subject increased my industry knowledge and perspective in the subject area		✓			

Suggestions: Topics related to practical knowledge. Can be incorporated.

Signature


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Academic Year	2023-24
Branch	Mechanical
Name of the Student	Gowtham, S.
USN	15G22ME007

Rate the curriculum/syllabus on the following Points

SL NO	Statements	Excellent	Very good	Good	Average	Below Average
		5	4	3	2	1
1	How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?		✓			
2	How do you rate the allocation of the credits to the courses?		✓			
3	Relevance for implementation in projects		✓			
4	How do you rate the electives offered in relation to the technological advancements?	✓				
5	How do rate the evaluation scheme designed for each of the course?		✓			
6	How do you rate the percentage of courses having LAB components?		✓			
7	Curriculum is sufficient to make you analyze the engineering problems and its suitable solution		✓			

Suggestions: Drafting, Skills need to be included.

Signature

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

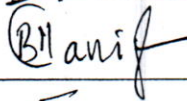


DEPARTMENT OF MECHANICAL ENGINEERING

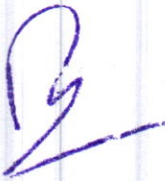
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CIRCULAR

Date:25/9/2023

This is to inform that there will be a meeting of Academic committee members for analyzing curriculum syllabus of academic year 2023-24. The meeting is scheduled on 26/09/2023 at 11.00 am in HOD's chamber.

Sl No.	Faculty Name	Designation	Signature
1	Dr. Tulsidas	HOD	
2	Dr. R G Deshpande	Associate Professor	
3	Dr. Basavaraj. G	Assistant Professor	
4	Prof. Chethan B P	Assistant Professor	
5	Prof. Ramesh. N G	Assistant Professor	


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



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DEPARTMENT OF MECHANICAL ENGINEERING

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Date:26/09/2023

MINUTES OF MEETING

With reference to circular dated on 25/09/2023, the academic committee member assembled in HOD's chamber for addressing the following agenda.

Agenda:

- Reviewing the department curriculum syllabus of Academic Year 2023-24.
- Reviewing the feedback analysis of various stake holders for the academic year 2022-23.
- 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. Tulsidas	HOD
2	Dr. R G Deshpande	Associate Professor
3	Dr. Basavaraj. G	Assistant Professor
4	Prof. Chethan B P	Assistant Professor
5	Prof. Ramesh. N 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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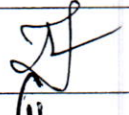

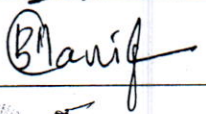


DEPARTMENT OF MECHANICAL ENGINEERING

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SL.NO	SEM	Course Title	Identified Gap
1	3 rd and 5 th Semester	Solid Works	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 "Solid Works" to overcome the gaps identified in the curriculum/syllabus.

Sl No.	Faculty Name	Designation	Signature
1	Dr. Tulsidas	HOD	
2	Dr. R G Deshpande	Associate Professor	
3	Dr. Basavaraj. G	Assistant Professor	
4	Prof. Chethan B P	Assistant Professor	
5	Prof. Ramesh. N G	Assistant Professor	


Principal

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HOD
Professor & Head
Department of Mechanical Engineering
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DEPARTMENT OF MECHANICAL ENGINEERING

(NBA Accredited)

Date: 28/09/2023

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 2022-23. 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 Auto CAD from 20/11/2023 to 24/11/2023 for the academic year 2023-24. 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


(IQAC)


HOD

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


Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road.
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DEPARTMENT OF MECHANICAL ENGINEERING

(NBA Accredited)

Date:03-10-2023

To,

IQAC Coordinator
Sapthagiri College of Engineering
Bangalore - 560057.

Respected Sir,

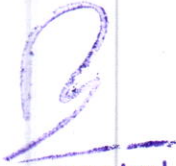
Subject: Budget Proposal for conduction of certification program on
"Solid Works".

The Budget Proposal for conduction a certification program on Solid Works
from 20/11/2023 to 24/11/2023 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	400
2	Certificates	46	4600
3	Others	1	1000
Total			6000


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Professor & Head
Department of Mechanical Engineering
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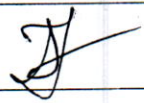

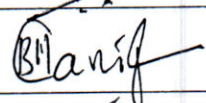


DEPARTMENT OF MECHANICAL ENGINEERING

(NBA Accredited)


Date: 15-10-2023

CIRCULAR

This is to inform that the following Academic Committee members are requested to attend the meeting on 16/10/2023 at 9.30am in the HODs chamber to decide the syllabus and the lesson plan for the certification program on "Solid Works".

Sl No.	Faculty Name	Designation	Signature
1	Dr. Tulsidas	HOD	
2	Dr. R G Deshpande	Associate Professor	
3	Dr. Basavaraj. G	Assistant Professor	
4	Prof. Chethan B P	Assistant Professor	
5	Prof. Ramesh. N G	Assistant Professor	


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DEPARTMENT OF MECHANICAL ENGINEERING

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Minutes of Meeting

A meeting was conducted on 16-Oct-2022 in Mechanical HODs Chamber to discuss and approve the following about the 5 days Certification Course for 3rd and 5th semester ME Students.

- **Course Title :** Solid Works
- **Program Coordinator :** Prof. Chethan B P
- **Resource Person:** Prof. Anil Kumar P R, Asst Professor , SCE Bengaluru
- **Course Duration & Date:** 5 Days from 20/11/2023 to 24/11/2023 :
- 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
20/11/2023 Monday	Drafting and Drawing	2D Sketch Modeling	6
21/11/2023 Tuesday	3D Modeling drawing	3D Modeling drawing	6
22/11/2023 Wednesday	Assembly drawing	Assembly drawing	6
23/11/2023 Thursday	Sheet Metal parts drawing	Sheet Metal parts drawing	6
24/11/2023 Friday	Advance Surface Modeling	Advance Surface Modeling	6

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


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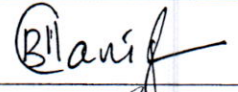


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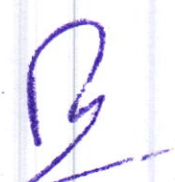
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DEPARTMENT OF MECHANICAL ENGINEERING

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Sl No.	Faculty Name	Designation	Signature
1	Dr. Tulsidas	HOD	
2	Dr. R G Deshpande	Associate Professor	
3	Dr. Basavaraj. G	Assistant Professor	
4	Prof. Chethan B P	Assistant Professor	
5	Prof. Ramesh. N G	Assistant Professor	


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Professor HOD
Department of Mechanical Engineering
Sapthagiri College of Engineering
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DEPARTMENT OF MECHANICAL ENGINEERING

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Date :15-10-2023

To,

Anil Kumar P R
Asst. Professor- ME Dept.
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 "Solid Works" for 3rd and 5th semester students from 20/11/2023 to 24/11/2023. 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 16/10/2023 at 9.30am in Mechanical HODs Chamber. We look forward to welcome you at SCE.

Thanking you

*Forwarded for Gc approval
and ratification.*

IGAC

Yours faithfully

Professor HOD Head

Department of Mechanical Engineering
Sapthagiri College of Engineering
Bengaluru - 560 057.

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road.
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DEPARTMENT OF MECHANICAL ENGINEERING

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NOTICE

As a part of programming skill development, Department of Mechanical Engineering is conducting five days Certification Course on "Solid Works" from 20/11/2023 to 24/11/2023 for 3rd and 5th Semester mechanical students. The Students enroll your names with Mr. Chethan B P.

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HOD
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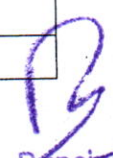
DEPARTMENT OF MECHANICAL ENGINEERING

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Five days Certification Program on "Solid Works"

Students Enrollment

Sl.No.	USN	Student Name
1	1SG21ME001	ABITH E K
2	1SG21ME002	ADITHYA A MURTHY
3	1SG21ME003	DODDA RAJU B R
4	1SG21ME004	GIRIJHA R MURTHY
5	1SG21ME005	HARIKRISHNA S
6	1SG21ME006	HARSHITH H GOWDA
7	1SG21ME007	HEMANGIRI B
8	1SG21ME008	J SANTHOSH
9	1SG21ME010	N PALLAVI
10	1SG21ME011	NANDAN HG
11	1SG21ME012	NAVEEN C
12	1SG21ME013	NITHISH A
13	1SG21ME014	P LINIT REDDY
14	1SG21ME015	PRADEEPA L
15	1SG21ME017	SANJAY KUMAR H
16	1SG21ME018	SHIVARAJ ARADHYA B M
17	1SG21ME019	SRINIVAS C
18	1SG21ME020	SUDHARSAN L
19	1SG21ME021	VINAY H K
20	1SG22ME400	AHMED AFZAL M
21	1SG22ME401	BHARATH D K
22	1SG22ME402	CHANDAN A
23	1SG22ME403	GAHAN A D
24	1SG22ME404	LIKHITH N
25	1SG22ME405	MADHU CHANDRA V N
26	1SG22ME406	MANJU S
27	1SG22ME407	N.CHETHAN
28	1SG22ME408	NAGESH M
29	1SG22ME409	NAVEEN U
30	1SG22ME410	PAVAN KUMAR B N
31	1SG22ME411	RAVI KUMAR H
32	1SG22ME412	YESHWANTH B


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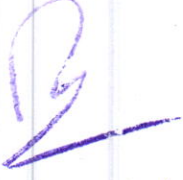
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33	1SG22ME001	ADITYA T BHAT
34	1SG22ME002	AKASH V
35	1SG22ME003	BASAVARAJ S
36	1SG22ME004	BHARATH H S
37	1SG22ME005	BHEEMA SHANKAR B S
38	1SG22ME006	CHANDAN R
39	1SG22ME007	GOWTHAM S
40	1SG22ME008	LOKESH B
41	1SG22ME011	PRASAD S GANIGER
42	1SG22ME012	RAKESH CHAUDHARY
43	1SG22ME013	SHARANGOUDA
44	1SG22ME014	SRUSHTI RAJU CHITTARAGI
45	1SG22ME015	VIDYA H J
46	1SG22ME016	VISHAL VISHWANATH
47	1SG23ME400	KARTHIK KUMAR M L
48	1SG23ME401	MOHAMMED SUMER S
49	1SG23ME402	NAVEEN KUMAR N
50	1SG23ME403	NAVEEN M
51	1SG23ME404	NITHIN GOWDA D
52	1SG23ME405	P N SUHAS REDDY
53	1SG23ME406	RUPESH C MAHALE
54	1SG23ME407	SURAJ KUMAR


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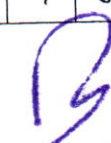

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Attendance

Sl No.	USN	Student Name	20/11/23		21/11/23		22/11/23		23/11/23		24/11/24		
			MS	AS	MS	AS	MS	AS	MS	AS	MS	AS	
1	1SG21ME00	ABITH E K	1	2	3	4	5	6	7	8	9	10	
2	1SG21ME00	ADITHYA A MURTHY	1	2	3	4	5	5	6	7	8	9	
3	1SG21ME00	DODDA RAJU B R	1	2	3	4	5	6	7	8	9	10	
4	1SG21ME00	GIRIJHA R MURTHY	1	2	3	4	4	4	5	6	7	8	
5	1SG21ME00	HARIKRISHNA S	1	2	3	4	5	6	7	8	9	10	
6	1SG21ME00	HARSHITH H GOWDA	1	2	3	4	5	6	7	8	9	10	
7	1SG21ME00	HEMANGIRI B	1	2	3	4	5	6	7	8	9	10	
8	1SG21ME00	J SANTHOSH	1	2	3	4	5	6	7	8	9	10	
9	1SG21ME01	N PALLAVI	1	2	3	4	5	6	7	8	9	10	
10	1SG21ME01	NANDAN HG	1	2	3	4	5	6	7	8	9	10	
11	1SG21ME01	NAVEEN C	1	2	3	3	4	5	6	7	8	9	
12	1SG21ME01	NITHISH A	1	2	3	4	5	5	6	6	7	8	
13	1SG21ME01	P LINIT REDDY	1	2	3	4	5	6	7	8	9	10	
14	1SG21ME01	PRADEEPA L	1	2	3	4	5	6	7	8	9	10	
15	1SG21ME01	SANJAY KUMAR H	1	2	3	4	5	6	7	8	9	10	
16	1SG21ME01	SHIVARAJ ARADHYA	1	2	3	4	5	6	7	8	9	10	
17	1SG21ME01	SRINIVAS C	1	2	3	4	5	6	7	8	9	10	
18	1SG21ME02	SUDHARSAN L	1	2	3	4	5	6	7	8	9	10	
19	1SG21ME02	VINAY H K	1	2	3	3	4	5	6	7	8	9	
20	1SG22ME40	AHMED AFZAL M	1	2	3	4	5	6	7	8	9	10	
21	1SG22ME40	BHARATH D K	1	2	3	4	5	6	7	8	9	10	
22	1SG22ME40	CHANDAN A	1	2	3	4	5	6	7	8	9	10	
23	1SG22ME40	GAHAN A D	1	2	3	4	5	6	7	8	9	10	
24	1SG22ME40	LIKHITH N	1	2	3	4	5	6	7	8	9	10	
25	1SG22ME40	MADHU CHANDRA V	1	2	3	4	5	5	6	7	8	9	
26	1SG22ME40	MANJU S	1	2	3	4	5	6	7	8	9	10	


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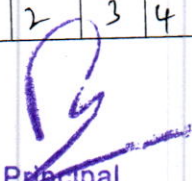
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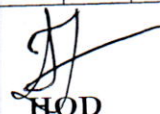
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27	1SG22ME40	N.CHETHAN	1	2	3	4	5	6	7	8	9	10	
28	1SG22ME40	NAGESH M	1	2	3	4	5	6	7	8	9	10	
29	1SG22ME40	NAVEEN U	1	2	3	4	5	6	7	8	9	10	
30	1SG22ME41	PAVAN KUMAR B N	1	2	3	4	5	6	7	8	9	10	
31	1SG22ME41	RAVI KUMAR H	1	2	3	4	5	6	7	8	9	10	
32	1SG22ME41	YESHWANTH B	1	2	3	4	5	6	7	8	9	10	
33	1SG22ME00	ADITYA T BHAT	1	2	3	4	5	6	7	8	9	10	
34	1SG22ME00	AKASH V	1	2	3	4	5	6	7	8	9	10	
35	1SG22ME00	BASAVARAJ S	1	2	3	4	5	6	7	8	9	10	
36	1SG22ME00	BHARATH H S	1	2	3	4	5	6	7	8	9	10	
37	1SG22ME00	BHEEMA SHANKAR B	1	2	3	4	5	6	7	8	9	10	
38	1SG22ME00	CHANDAN R	1	2	3	3	4	5	6	7	8	9	
39	1SG22ME00	GOWTHAM S	1	2	3	4	5	6	7	8	9	10	
40	1SG22ME00	LOKESH B	1	2	3	4	5	6	7	8	9	10	
41	1SG22ME01	PRASAD S GANIGER	1	2	3	4	5	6	7	8	9	10	
42	1SG22ME01	RAKESH	1	2	3	3	4	5	6	7	8	9	
43	1SG22ME01	SHARANGOUDA	1	2	3	4	5	6	7	8	9	10	
44	1SG22ME01	SRUSHTI RAJU	1	2	3	4	5	6	7	8	9	10	
45	1SG22ME01	VIDYA H J	1	2	3	4	5	6	7	8	9	10	
46	1SG22ME01	VISHAL	1	2	3	4	5	6	7	8	9	10	
47	1SG23ME40	KARTHIK KUMAR M	1	2	3	4	5	6	7	8	9	10	
48	1SG23ME40	MOHAMMED SUMER	1	2	3	4	5	6	7	8	9	10	
49	1SG23ME40	NAVEEN KUMAR N	1	2	3	4	5	6	7	8	9	10	
50	1SG23ME40	NAVEEN M	1	2	3	4	5	6	7	8	9	10	
51	1SG23ME40	NITHIN GOWDA D	1	2	3	4	5	6	7	8	9	10	
52	1SG23ME40	P N SUHAS REDDY	1	2	3	4	5	6	7	8	9	10	
53	1SG23ME40	RUPESH C MAHALE	1	2	3	3	4	5	6	7	8	9	
54	1SG23ME40	SURAJ KUMAR	1	2	3	4	5	6	7	8	9	10	


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DEPARTMENT OF MECHANICAL ENGINEERING

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Five days Certification Program on "Solid Works"

Test Time Table

Sl. No.	DATE	DAY	TIMINGS
1	24/11/2023	Friday	4.00 pm- 5.00 pm

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DEPARTMENT OF MECHANICAL ENGINEERING

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Five days Certification Program on "Solid Works"

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.


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Five days Certification Program on "Solid Works"

Solution

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 *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 Navigator* keeps a track of all the operations that are carried out on the part.


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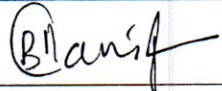


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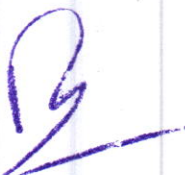
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Sl No.	Faculty Name	Designation	Signature
1	Dr. Tulsidas	HOD	
2	Dr. R G Deshpande	Associate Professor	
3	Dr. Basavaraj. G	Assistant Professor	
4	Prof. Chethan B P	Assistant Professor	
5	Prof. Ramesh. N G	Assistant Professor	



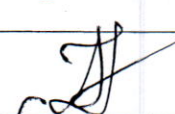

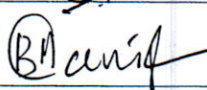


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12. The **fixed** constraint is used to fix a selected entity in terms of its position with respect to the coordinate system of the current sketch.
13. Press and hold the middle mouse button to invoke the **Rotate** tool.
14. The **drafting Annotation** 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.

Approved by Academic Committee Members & HOD

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3	Dr. Basavaraj. G	Assistant Professor	
4	Prof. Chethan B P	Assistant Professor	
5	Prof. Ramesh. N G	Assistant Professor	


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Five days Certification Program on "Solid Works"

Participant Feedback

1. How was the overall organization of the Certification Course?
a) Poor b) Satisfactory c) Good d) Excellent
2. How appropriate were the facilities provided ?
a) Poor b) Satisfactory c) Good d) Excellent
3. Opportunity to ask questions for clarification and interaction with presenters
a) Poor b) Satisfactory c) Good d) Excellent
4. Effectiveness of the Hands-on Sessions
a) Poor b) Satisfactory c) Good d) Excellent
5. Topic and contents of the Certification Course
a) Poor b) Satisfactory c) Good d) Excellent
6. How do you rate the Certification Course compared to other workshops that you have attended ?
a) Poor b) Satisfactory c) Good d) Excellent
7. Generally how was your overall experience during the Certification Course
a) Poor b) Satisfactory c) Good d) Excellent
8. Any Suggestions:

Student Name :

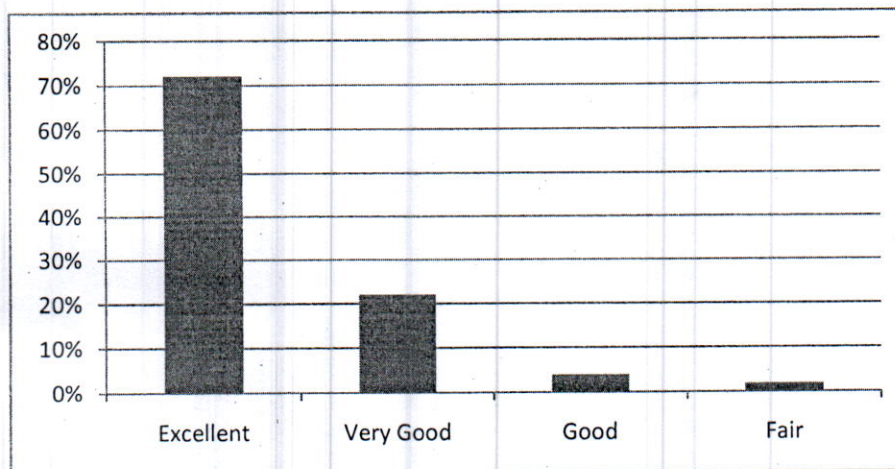
Student Signature:


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FEEDBACK ANALYSIS

Certification Program: "Solid Works"

No. of students participated	Student Feedback			
	Excellent	Very Good	Good	Fair
54	72%	22%	4%	2%



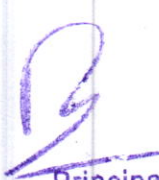
Action Report:


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 were 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


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Certificate Course Report

Department of mechanical Engineering conducted Certificate Course on Solid Works .

GuestSpeaker: Prof. AnillKumar, AsstProfessor , SCE Bengaluru


Duration of the course: five days from 20/11/2023 to 24/11/2023

Course detail

Objective of the Course: The five day course made the students to be familiar with the Solid Works which is a main platform for their career. Certificate Course became the vital step to improve the knowledge of students

Certificate course made them comfortable with the Knowledge on engineering management. Learning style adopted by students, which eventually is developed into a skill of their forte. Through this course, an ecstatic learning background paved way to a positive learning environment in the class where active participation was seen from every end. Faculty took the onus of interacting with the students personally to navigate them for the academic transition by becoming the guides by their side.

Dates	SESSION 1 (9.00 am-12.00 pm)	SESSION 2 (1.00 pm- 4.00 pm)
20/11/2023 Monday	Drafting and Drawing	2D Sketch Modeling
21/11/2023 Tuesday	3D Modeling drawing	3D Modeling drawing
22/11/2023 Wednesday	Assembly drawing	Assembly drawing


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23/11/2023 Thursday	Sheet Metal parts drawing	Sheet Metal parts drawing
24/11/2023 Friday	Advance Surface Modeling	Advance Surface Modeling

Conclusion: The optimistic learning environment prompted motivation in the learning of the students. They felt bonhomie after the course they took. A sense of satisfaction was also seen. Faculty members were also equally benefited with the course. They felt more expedient while delivering the lectures as the margin was erased between these students and others. A structured environment was created. This helped in the smooth flow of academic lesson plan by adhering to the timelines.


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