

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	2015-16
Branch	Mechanical
Name of the Student	Harshith P
USN	15G12ME023

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: Industry related topics required


Signature


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

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Academic Year	2015-16
Branch	Mechanical
Name of the Student	Kiran K. G
USN	15G12ME028

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: Finite Element analysis software skills required

Kiran
Signature

B
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Heeraghatta Main Road
Bengaluru - 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	2015
Branch	Mechanical
Name	Gowda P.B
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: programming skills required

Signature Gowda P.B

ALUMNI FEEDBACK ON CURRICULUM

We are glad that you have spent valuable years pursuing courses of your choice at SCET. 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	2015
Branch	Mechanical engg
Name	SURAJ.B
Status : Work/Study	Working
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: Technical skills of analysis of problems

Signature
Suraj.B.

Principal
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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	2015-16
Branch	MECHANICAL ENGINEERING
Name of the Faculty	RAMKUMAR.M
Designation	ASST. PROFESSOR - G3
Subject/Sub. code	MECHATRONICS & MICROPROCESSORS / IOMEG5

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 knowledge and perspective in the subject area	✓				

Suggestions: More technical skills required.

Signature :




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	2015-16
Branch	Mechanical
Name of the Faculty	Madhukumar YC
Designation	Asst. Professor
Subject/Sub. code	Manufacturing process-3 10ME55

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 knowledge and perspective in the subject area	✓				

Suggestions:

Signature 


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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057
Department of Mechanical Engineering

CIRCULAR

Date: 23/05/2016

This is to inform that there will be a meeting of Academic committee members for analyzing curriculum syllabus of academic year 2015-16. The meeting is scheduled on 24/05/2016 at 10.00 am in HOD's chamber.

Sl No.	Faculty Name	Designation	Signature
1	Prof. Ramkumar M	Assistant Professor	
2	Prof. Ramesh. N G	Assistant Professor	
3	Prof. Madhu kumar Y C	Assistant Professor	
4	Prof. Arun Kumar R	Assistant Professor	


HOD
Professor & Head

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


Principal

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Chikkasandra, Hesaraghatta Road,
Bangalore-560 057



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Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)
4/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057
Department of Mechanical Engineering

Date: 24/05/2016

MINUTES OF MEETING

With reference to circular dated on 23/05/2016, the academic committee member assembled in HOD's chamber for addressing the following agenda.

Agenda:

- Reviewing the department curriculum syllabus of Academic Year 2016-17
- Reviewing the feedback analysis of various stake holders for the academic year 2015-16.
- 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	Prof. Ramkumar M	Associate Professor
2	Prof. Ramesh. N G	Assistant Professor
3	Prof. Madhukumar Y C	Assistant Professor
4	Prof. Arun Kumar R	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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Bangalore-560 057



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Department of Mechanical Engineering

SL.NO	SEM	Course Title	Identified Gap
1	5 th and 7 th Sem	CNC Programming	Programming skills of CNC machines

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 "CNC Programming" to overcome the gaps identified in the curriculum/syllabus.

Sl No.	Faculty Name	Designation	Signature
1	Prof. Ramkumar M	Associate Professor	
2	Prof. Ramesh. N G	Assistant Professor	
3	Prof. Madhukumar Y C	Assistant Professor	
4	Prof. Arun Kumar R	Assistant Professor	


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


HOD
Professor & Head
Department of Mechanical Engineering
Sapthagiri College of Engineering
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Department of Mechanical Engineering

Date: 26/05/2016

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 2015-16. 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 CNC programming from 25th July 2016 to 29th July 2016 for the academic year 2016-17. So, I request you to forward and get the approval from the governing council for the same.

Thanking You,

*Forwarded to the GC
approval & satisfaction
S...*

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

Date: 04-07-2016

To,

IQAC Coordinator
Sapthagiri College of Engineering
Bangalore - 560057.

Respected Sir,

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

The Budget Proposal for conduction a certification program on CNC Programming from 25-Jul-2016 to 29-Jul-2016 is here by 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	141	1500
3	Others	-	1000
Total			2700

*Reviewed by the
is approval & ratification
Jen*


HOD

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


Principal

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Department of Mechanical Engineering


Date: 06-07-2016

CIRCULAR

This is to inform that the following Academic Committee members are requested to attend the meeting on 08/07/2016 at 10.30 am in the HODs chamber to decide the syllabus and the lesson plan for the certification program on "CNC Programming".

Sl No.	Faculty Name	Designation	Signature
1	Prof. Ramkumar M	Associate Professor	
2	Prof. Ramesh. N G	Assistant Professor	
3	Prof. Madhukumar Y C	Assistant Professor	
4	Prof. Arun Kumar R	Assistant Professor	


HOD
Department of Mechanical Engineering
Sapthagiri College of Engineering
Bengaluru - 560057


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



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Department of Mechanical Engineering

Date: 07-07-2016

To,

Prof. Sanjay H M
Asst Professor - KIT
Tiptur

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 "CNC Programming" for 5th and 7th semester students from 25-07-2016 to 29-07-2016. In this connection, we are privileged to invite you as a guest speaker on the above mentioned topic.

We request you to attend the meeting to discuss about the conduction of certification course on 08/07/2016 at 10.30 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

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Department of Mechanical Engineering

Minutes of Meeting

A meeting was conducted on 8-Jul-2016 in Mechanical HODs Chamber to discuss and approve the following about the 5 days Certification Course for 5th and 7th semester ME Students.

- **Course Title :** CNC Programming
- **Program Coordinator :** Prof. Arun Kumar R
- **Resource Person:** Prof. Sanjay H M, Asst. Professor, KIT
- **Course Duration & Date:** 5 Days from 25-Jul-2016 to 29-Jul-2016
- **Syllabus : Programming Skills on CNC machining**

Lesson Plan of the certification program

Dates	SESSION 1 (9.00 am-12.00 pm)	SESSION 2 (1.00 pm- 4.00 p m)	No. of Hours
25/07/2016 Monday	Introduction about Programming	G Codes & M codes	6
26/07/2016 Tuesday	CNC turning programming	CNC turning programming	6
27/07/2016 Wednesday	CNC turning programming	CNC turning programming	6
28/07/2015 Thursday	CNC Milling programming	CNC Milling programming	6
29/07/2016 Friday	CNC Milling programming	CNC Milling programming	6

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Chikkasandra, Hesaraghatta Road,
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Department of Mechanical Engineering

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	Prof. Ramkumar M	Associate Professor	
2	Prof. Ramesh. N G	Assistant Professor	
3	Prof. Madhukumar Y C	Assistant Professor	
4	Prof. Arun Kumar R	Assistant Professor	
5	Prof. Sanjay H M	Guest Speaker	

HOD

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

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Department of Mechanical Engineering

Date: 09/07/2016

NOTICE

As a part of programming skill development, Department of Mechanical Engineering is conducting five days Certification Course on "CNC Programming" from 25-July-2016 to 29-July-2016 for 5th and 7th Semester mechanical students. Enroll your names with Mr. Arun Kumar R.

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

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Department of Mechanical Engineering

Five Days Certification Program On "CNC Programming"

Students Enrollment

Sl.No.	USN	Student Name
1	15G14ME002	ABHINAV PRATAP
2	15G14ME004	ABHISHEK RAJ
3	15G14ME005	ABISHEK P
4	15G14ME006	ADARSH C K
5	15G14ME007	ADITYA V KULKARNI
6	15G14ME009	AKSHETH
7	15G14ME010	AMJITH MOHAN
8	15G14ME012	ANKIT KUMAR
9	15G14ME013	ARAVIND KUMAR K
10	15G14ME014	ARUN K V
11	15G14ME015	ASHUTOSH RANJAN
12	15G14ME017	N BANUPRAKASH
13	15G14ME018	BHARATH I
14	15G14ME019	BIKESH KUMAR RAI
15	15G14ME020	BIPUL KUMAR
16	15G14ME021	C R ABHIRAM
17	15G14ME022	C VINOD KUMAR
18	15G14ME023	CHANADAN YADAV B R
19	15G14ME026	CHETAN R
20	15G14ME027	CHETAN K
21	15G14ME028	CHETHAN V
22	15G14ME029	CLEMENT RYAN MENEZES
23	15G14ME030	DARSHAN K L
24	15G14ME031	DARSHAN V
25	15G14ME033	DEEPAK KUMAR
26	15G14ME035	DHANUSHKUMAR M R
27	15G14ME036	DILEEP C
28	15G14ME037	DILIP. G
29	15G14ME040	GANESH C J
30	15G14ME041	GAURAV KUMAR

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31	1SG14ME042	GOPINATH E
32	1SG14ME043	HOYSALA M GOWDA
33	1SG14ME054	MADHAN KUMAR G T
34	1SG14ME055	MADHU NIRANJAN H T
35	1SG14ME057	MANIKANTA K
36	1SG14ME058	MANJUNATH K
37	1SG14ME059	Manoj M Bhat
38	1SG14ME060	MANOJ M RAJAMANI
39	1SG15ME400	ABHISHEK G
40	1SG15ME403	BHARATH KUMAR.B
41	1SG15ME405	CHETHAN KUMAR.K
42	1SG15ME406	CHETHAN R.H
43	1SG15ME410	HARISH H N
44	1SG15ME411	HEMANTH KUMAR.B
45	1SG15ME413	LOKANATH V
46	1SG15ME414	MANJUNATH P
47	1SG15ME416	PRAMOD S
48	1SG15ME417	RAVIKUMAR C.J
49	1SG15ME419	SANJAY K
50	1SG14ME061	MANOJ.V.S
51	1SG14ME063	MANU B
52	1SG14ME064	MARUTHI H
53	1SG14ME065	MATHEW O M
54	1SG14ME066	MATLUB RAHMAN
55	1SG14ME067	IZHARUL HUSSAIN
56	1SG14ME068	M D SHOEB ANWAR
57	1SG14ME078	PRASAD HEGDE
58	1SG14ME080	PRATEEK GUPTA
59	1SG14ME081	PRAVEEN H T
60	1SG14ME082	PRAVEEN S
61	1SG14ME083	PRINCE
62	1SG14ME085	RAGHAVENDRA T
63	1SG14ME087	RAKESH ROSHAN
64	1SG14ME088	RAKESH L
65	1SG13ME025	BIRAJ DHIBAR
66	1SG13ME043	HARSHITH M S
67	1SG14ME089	RAVI KANT
68	1SG14ME090	RAVISHA M R
69	1SG14ME092	ROHITH G S



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70	1SG14ME093	ROOPESH J
71	1SG14ME094	S NAVANEET
72	1SG14ME095	SACHIN K S
73	1SG14ME096	SAGAR S
74	1SG14ME097	SAILEN HEMBROM
75	1SG14ME107	SRIKANTH REDDY
76	1SG14ME109	SRINIVASA M N
77	1SG14ME113	SYED AZHARUDDIN
78	1SG14ME114	TEJASVI SINGH
79	1SG14ME115	UDAY KUMAR R
80	1SG14ME116	VARSHA D
81	1SG14ME117	VARUN B V
82	1SG14ME118	VASAVI SURESH
83	1SG13ME002	ABHINEETH SINGH
84	1SG13ME109	SHUBHANDRA SHUBAM
85	1SG13ME123	VISHAL PRATAP SINGH
86	1SG14ME119	VENKATESH PRASAD S
87	1SG14ME120	VIJAY KUMAR T
88	1SG14ME122	VINAY YADAV K B
89	1SG14ME123	VISHAL R
90	1SG13ME004	ABHISHEK S A
91	1SG13ME005	ABU BAKKAR SIDDIQ.AS.
92	1SG13ME007	AKHILA N R
93	1SG13ME008	AKSHYA L K KUMBLE
94	1SG13ME009	AKSHAY M P
95	1SG13ME010	AKSHAY J
96	1SG13ME011	ALAN ALEXANDER THOMAS
97	1SG13ME012	AMAR KUMAR
98	1SG13ME014	ANIL KUMAR N
99	1SG13ME022	BASAVARAJ
100	1SG13ME023	BELKUNI AKASH
101	1SG13ME024	BHARATH L
102	1SG13ME027	CHETAN RAO S
103	1SG13ME028	CHIRANTH.S.G
104	1SG13ME029	DARSHAN S B
105	1SG13ME030	DEEMANTH GOWDA T M
106	1SG13ME031	DEVRAJA S B
107	1SG13ME038	G.S SATISH
108	1SG13ME039	GANESHA.M


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109	1SG13ME040	GIRISH V GOWDA
110	1SG13ME042	HARSHITH GOWDA M B
111	1SG13ME044	HEMANTH R
112	1SG13ME046	JEOSUN
113	1SG13ME048	K K GURU NAG
114	1SG13ME049	KARTHIK.B.R
115	1SG13ME050	KISHORE .H
116	1SG13ME051	KOMAL RAM C
117	1SG13ME052	KOUSHIKRAJ A R
118	1SG13ME053	KUMAR VAIBHAV
119	1SG13ME058	MADHUSUDAN M
120	1SG13ME059	MADHU S
121	1SG13ME060	MANJUNATH K
122	1SG13ME061	MASHIRUL HAQUE
123	1SG13ME062	MEGHA .G.HEGDE
124	1SG13ME066	MOHIT KUMAR
125	1SG13ME068	N V POORNABODHA RAO
126	1SG13ME069	NADEEM SARWAR
127	1SG13ME070	NAGABANDLA ROHIT
128	1SG13ME072	NANDAN KUMAR YADAV
129	1SG13ME074	NAVEEN S PATIL
130	1SG13ME075	NAVEENA K B
131	1SG13ME076	NEERAJ KUMAR
132	1SG13ME083	PRANSHU KUMAR
133	1SG13ME084	PRASANTH R
134	1SG13ME085	PRASHANTH M
135	1SG13ME087	PREMANTH P PEDNEKAR
136	1SG13ME088	PRINCE KUMAR
137	1SG13ME089	R DHARSHAN
138	1SG13ME090	RAHUL
139	1SG13ME091	RAHUL KUMAR
140	1SG13ME092	RAKESH HUNDARGI
141	1SG13ME093	RAVIKIRANA H R



Principal

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


HOD
H.O.D. Dept. of Mech. Engg
S.C.E., Bangalore-560 057



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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057

DEPARTMENT OF MECHNAICAL ENGINEERING

Five days Certification Program on "CNC Programming"

Attendance

Sl No.	USN	Student Name	25/7/16		26/7/16		27/7/16		28/7/16		29/7/16		
			MS	AS	MS	AS	MS	AS	MS	AS	MS	AS	
1	1SG14ME002	ABHINAV PRATAP	1	2	3	4	5	6	7	8	9	10	
2	1SG14ME004	ABHISHEK RAJ	1	2	3	4	5	6	7	8	9	10	
3	1SG14ME005	ABHISHEK P	1	2	3	4	5	6	7	8	9	10	
4	1SG14ME006	ADARSH C K	1	2	3	4	5	6	7	8	9		
5	1SG14ME007	ADITYA V KULKARNI	1	2	3	4	5	6	7	8	9	10	
6	1SG14ME009	AKSHETH	1	2	3	4	5	6	7	8	9	10	
7	1SG14ME010	AMJITH MOHAN	1	2	3	4	5	6	7	8	9	10	
8	1SG14ME012	ANKIT KUMAR	1	2	3	4	5	6	7	8	9	10	
9	1SG14ME013	ARAVIND KUMAR K	1	2	3	4	5	6	7	8	9	10	
10	1SG14ME014	ARUN K V	1	2	3	4	5	6	7	8	9	10	
11	1SG14ME015	ASHUTOSH RANJAN	1	2	3	4	5	6	7	8	9	10	
12	1SG14ME017	N BANUPRAKASH	1	2	3	4	5	6	7	8	9	10	
13	1SG14ME018	BHARATH I	1	2	3	4	5	6	7	8	9		
14	1SG14ME019	BIKESH KUMAR RAI	1	2	3	4	5	6	7	8	9	10	
15	1SG14ME020	BIPUL KUMAR	1	2	3	4	5	6	7	8	9	10	
16	1SG14ME021	C R ABHIRAM	1	2	3	4	5	6	7	8	9	10	
17	1SG14ME022	C VINOD KUMAR	1	2	3	4	5	6	7	8	9	10	
18	1SG14ME023	CHANADAN YADAV B R	1	2	3	4	5	6	7	8	9	10	
19	1SG14ME026	CHETAN R	1	2	3	4	5	6	7	8	9	10	
20	1SG14ME027	CHETAN K	1	2	3	4	5	6	7	8	9	10	
21	1SG14ME028	CHETHAN V	1	2	3	4	5	6	7	8	9	10	
22	1SG14ME029	CLEMENT RYAN MENEZES	1	2	3	4	5	6	7	8	9	10	
23	1SG14ME030	DARSHAN K L	1	2	3	4	5	6	7	8	9	10	
24	1SG14ME031	DARSHAN V	1	2	3	4	5	6	7	8	9	10	
25	1SG14ME033	DEEPAK KUMAR	1	2	3	4	5	6	7	8	9		
26	1SG14ME035	DHANUSHKUMAR M R	1	2	3	4	5	6	7	8	9	10	
27	1SG14ME036	DILEEP C	1	2	3	4	5	6	7	8	9	10	
28	1SG14ME037	DILIP. G	1	2	3	4	5	6	7	8	9	10	
29	1SG14ME040	GANESH C J	1	2	3	4	5	6	7	8	9	10	
30	1SG14ME041	GAURAV KUMAR	1	2	3	4	5	6	7	8	9	10	

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31	1SG14ME042	GOPINATH E	1	2	3	4	5	6	7	8	9	10
32	1SG14ME043	HOYSALA M GOWDA	1	2	3	4	5	6	7	8	9	10
33	1SG14ME054	MADHAN KUMAR G T	1	2	3	4	5	6	7	8	9	10
34	1SG14ME055	MADHU NIRANJAN H T	1	2	3	4	5	6	7	8	9	10
35	1SG14ME057	MANIKANTA K	1	2	3	4	5	6	7	8	9	10
36	1SG14ME058	MANJUNATH K	1	2	3	4	5	6	7	8	9	10
37	1SG14ME059	Manoj M Dhat	1	2	3	4	5	6	7	8	9	10
38	1SG14ME060	MANOJ M RAJAMANI	1	2	3	4	5	6	6	7	8	9
39	1SG15ME400	ABHISHEK G	1	2	3	4	5	6	7	8	9	10
40	1SG15ME403	BHARATH KUMAR.B	1	2	3	4	5	6	7	8	9	10
41	1SG15ME405	CHEETHAN KUMAR.K	1	2	3	4	5	6	7	8	9	10
42	1SG15ME406	CHEETHAN R.H	1	2	3	4	5	6	7	8	9	10
43	1SG15ME410	HARISH H N	1	2	3	4	5	6	7	8	9	10
44	1SG15ME411	HEMANTH KUMAR.B	1	2	3	4	5	6	7	8	9	10
45	1SG15ME413	LOKANATH V	1	2	3	4	5	6	7	7	8	9
46	1SG15ME414	MANJUNATH P	1	2	3	4	5	6	7	8	9	10
47	1SG15ME416	PRAMOD S	1	2	3	4	5	6	7	8	9	10
48	1SG15ME417	RAVIKUMAR C.J	1	2	3	4	5	6	7	8	9	10
49	1SG15ME419	SANJAY K	1	2	3	4	5	6	7	8	9	10
50	1SG14ME061	MANOJ.V.S	1	2	3	4	5	6	7	8	9	10
51	1SG14ME063	MANU B	1	2	3	4	5	6	7	8	9	10
52	1SG14ME064	MARUTHI H	1	2	3	4	5	6	7	8	9	10
53	1SG14ME065	MATHEW O M	1	2	3	4	5	6	7	8	9	10
54	1SG14ME066	MATLUB RAHMAN	1	2	3	4	5	6	7	8	9	10
55	1SG14ME067	IZHARUL HUSSAIN	1	2	3	4	5	6	7	8	8	9
56	1SG14ME068	M D SHOEAB ANWAR	1	2	3	4	5	6	7	8	9	10
57	1SG14ME078	PRASAD HEGDE	1	2	3	4	5	6	7	8	9	10
58	1SG14ME080	PRATEEK GUPTA	1	2	3	4	5	6	7	8	9	10
59	1SG14ME081	PRAVEEN H T	1	2	3	4	5	6	7	8	9	10
60	1SG14ME082	PRAVEEN S	1	2	3	4	5	6	7	8	9	10
61	1SG14ME083	PRINCE	1	2	3	4	5	6	7	8	9	10
62	1SG14ME085	RAGHAVENDRA T	1	2	3	4	5	6	7	8	9	10
63	1SG14ME087	RAKESH ROSHAN	1	2	3	4	5	6	7	8	9	10
64	1SG14ME088	RAKESH L	1	2	3	4	5	6	7	8	9	10
65	1SG13ME025	BIRAJ DHIBAR	1	2	3	4	5	6	7	8	9	10
66	1SG13ME043	HARSHITH M S	1	2	3	4	5	6	7	8	9	10

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67	1SG14ME089	RAVI KANT	1	2	3	4	5	6	7	8	9	10
68	1SG14ME090	RAVISHA M R	1	2	2	3	4	5	6	7	8	9
69	1SG14ME092	RJHITH G S	1	2	3	4	5	6	7	8	9	10
70	1SG14ME093	ROOPESH J	1	2	3	4	5	6	7	8	9	10
71	1SG14ME094	S NAVANEET	1	2	3	4	5	6	7	8	9	10
72	1SG14ME095	SACHIN K S	1	2	3	4	5	6	7	8	9	10
73	1SG14ME096	S AGAR S	1	2	3	4	5	6	7	8	9	10
74	1SG14ME097	S AILEN HEMBROM	1	2	3	4	5	6	7	8	9	10
75	1SG14ME107	SRIKANTH REDDY	1	2	2	4	5	6	7	8	9	10
76	1SG14ME109	SRINIVASA M N	1	2	3	3	4	5	6	7	8	9
77	1SG14ME113	SYED AZHARUDDIN	1	2	3	4	5	6	7	8	9	10
78	1SG14ME114	TEJASVI SINGH	1	2	3	4	5	6	7	8	9	10
79	1SG14ME115	UDAY KUMAR R	1	2	3	4	5	6	7	8	9	10
80	1SG14ME116	VARSHA D	1	2	3	4	5	6	7	8	9	10
81	1SG14ME117	VARUN B V	1	2	3	4	5	6	6	7	8	9
82	1SG14ME118	VASAVI SURESH	1	2	3	4	5	6	7	8	9	10
83	1SG13ME002	ABHINEETH SINGH	1	2	3	4	5	6	7	8	9	10
84	1SG13ME109	SHUBHANDRA SHUBAM	1	2	3	4	5	6	7	8	9	10
85	1SG13ME123	VISHAL PRATAP SINGH	1	2	3	4	5	6	7	8	9	10
86	1SG14ME119	VENKATESH PRASAD S	1	2	3	4	5	6	7	8	9	10
87	1SG14ME120	VIJAY KUMAR T	1	2	3	4	5	6	7	8	9	10
88	1SG14ME122	VINAY YADAV K B	1	2	3	4	5	6	7	8	9	10
89	1SG14ME123	VISHAL R	1	2	3	4	5	6	7	8	9	10
90	1SG13ME004	ABHISHEK S A	1	2	3	4	5	6	7	8	9	10
91	1SG13ME005	ABU BAKKAR SIDDIQ, AS.	1	2	3	4	5	6	7	8	9	9
92	1SG13ME007	AKHILA N R	1	2	3	4	5	6	7	8	9	10
93	1SG13ME008	AKSHYA L K KUMBLE	1	2	3	4	5	6	7	8	9	10
94	1SG13ME009	AKSHAY M P	1	2	3	4	5	6	7	8	9	10
95	1SG13ME010	AKSHAY J	1	2	3	4	5	6	7	8	9	10
96	1SG13ME011	ALAN ALEXANDER THOMAS	1	2	3	4	5	6	7	8	9	10
97	1SG13ME012	AMAR KUMAR	1	2	3	4	5	6	7	8	9	10
98	1SG13ME014	ANIL KUMAR N	1	2	3	4	5	6	7	8	9	10
99	1SG13ME012	BASAVARAJ	1	2	3	4	5	6	7	8	9	10
100	1SG13ME013	BELKUNI AKASH	1	2	3	4	5	6	7	8	9	10
101	1SG13ME014	BHARATH L	1	2	3	4	5	6	7	8	9	10
102	1SG13ME017	CHETAN RAO S	1	2	3	4	5	6	7	8	9	10


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103	1SG13ME028	CHIRANTH S.G	1	2	3	4	5	6	7	8	9	10
104	1SG13ME029	DARSHAN S.B	1	2	3	4	5	6	7	8	9	10
105	1SG13ME030	KEEMANTH GOWDA T.M	1	2	3	4	5	6	7	8	9	10
106	1SG13ME031	DEVRAJA S.B	1	2	3	4	5	6	7	8	9	10
107	1SG13ME038	S.S SATISH	1	2	3	4	5	6	7	8	9	10
108	1SG13ME039	GANESHA.M	1	2	3	4	5	6	7	8	9	10
109	1SG13ME040	SIRISH V.GOWDA	1	2	3	4	5	6	7	8	9	10
110	1SG13ME042	HARSHITH GOWDA M.B	1	2	3	4	5	6	7	8	9	10
111	1SG13ME044	HEMANTH R	1	2	3	4	5	6	7	8	9	10
112	1SG13ME046	JEDSUN	1	2	3	4	5	6	7	8	9	10
113	1SG13ME048	K.K GURU NAG	1	2	3	4	5	6	7	8	9	10
114	1SG13ME049	KARTHIK.B.R	1	2	3	4	5	6	7	8	9	10
115	1SG13ME050	KISHORE .H	1	2	3	4	5	5	6	7	8	9
116	1SG13ME051	KOMAL RAM C	1	2	3	4	5	6	7	8	9	10
117	1SG13ME052	KOUSHIKRAJ A.R	1	2	3	4	5	6	7	8	9	10
118	1SG13ME053	KUMAR VAIBHAV	1	2	3	4	5	6	7	8	9	10
119	1SG13ME058	MADHUSUDAN M	1	2	3	4	5	6	7	8	9	10
120	1SG13ME059	MADHU S	1	2	3	4	5	6	7	8	9	10
121	1SG13ME060	MANJUNATH K	1	2	3	4	5	6	7	8	9	10
122	1SG13ME061	MASHIRUL HAQUE	1	2	3	4	4	5	6	7	8	9
123	1SG13ME062	MEGHA .G.HEGDE	1	2	3	4	5	6	7	8	9	10
124	1SG13ME065	MOHIT KUMAR	1	2	3	4	5	6	7	8	9	10
125	1SG13ME068	N.V POORNABODHA RAO	1	2	3	4	5	6	7	8	9	10
126	1SG13ME069	NADEEM SARWAR	1	2	3	4	5	6	7	8	9	10
127	1SG13ME070	NAGABANDLA ROHIT	1	2	3	4	5	6	7	8	9	10
128	1SG13ME072	NANDAN KUMAR YADAV	1	2	3	4	5	6	7	8	9	10
129	1SG13ME074	NAVEEN S.PATIL	1	2	3	4	5	6	6	7	8	9
130	1SG13ME075	NAVEENA K.B	1	2	3	4	5	6	7	8	9	10
131	1SG13ME076	NEERAJ KUMAR	1	2	3	4	5	6	7	8	9	10
132	1SG13ME083	PRANSHU KUMAR	1	2	3	4	5	6	7	8	9	10
133	1SG13ME087	PRASANTH R	1	2	3	4	5	6	7	8	9	10
134	1SG13ME088	PRASHANTH M	1	2	3	4	5	6	7	8	9	10
135	1SG13ME087	PREMANTH P.PEDNEKAR	1	2	3	4	5	6	7	8	9	10
136	1SG13ME088	PRINCE KUMAR	1	2	3	5	5	6	7	8	9	10
137	1SG13ME089	R.DHARSHAN	1	2	3	4	5	6	7	8	9	10
138	1SG13ME090	RAHUL	1	2	3	4	5	6	7	8	9	10


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139	1SG13ME091	RAHUL KUMAR	1	2	3	4	5	6	7	8	9	10
140	1SG13ME092	RAKESH HUNDARGI	1	2	3	4	5	6	7	7	8	9
141	1SG13ME093	RAVIKIRAN H R	1	2	3	4	5	6	7	8	9	10
Signature of Resource Personnel												


HOD
H.O.D. Dept. of Mech. Engg
S.C.E., Bangalore-560 057


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Department of Mechanical Engineering

Five days Certification Program on "CNC Programming"

Test Time Table

Sl. No.	DATE	DAY	TIMINGS
1	30-07-2016	Saturday	10.00 am -12.00 pm



HOD

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



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Question Paper

1. Which of the following code will give point to point movement?
a) G00 b) G01 c) G56 d) G94
2. Which of the following code will give linear interpolation movement?
a) G00 b) G0 c) G78 d) G65
3. Which of the following code will give circular interpolation in a clockwise direction?
a) G56 b) G01 c) G02 d) G47
4. Which of the following code will give circular interpolation in Counterclockwise direction?
a) G00 b) G56 c) G69 d) G03
5. Which the following code will produce dwell for a specified time?
a) G18 b) G65 c) G45 d) G04
6. Which of the following code is used to give input of cutter offset data?
a) G30 b) G20 c) G10 d) G04
7. Which of the following code is used to select x y plane in milling?
a) G18 b) G17 c) G10 d) G04
8. Which of the following code is used to select x z plane in milling?
a) G18 b) G17 c) G10 d) G04
9. Which of the following code is used to select y-z plane in milling?
a) G32 b) G00 c) G02 d) G19
10. Which of the following code will change specified input values in millimeters?
a) G01 b) G00 c) G20 d) G21
11. Which of the following code is used to return to a reference point?
a) G23 b) G28 c) G14 d) G19
12. Which of the following code is used in thread cutting in turning?
a) G32 b) G89 c) G20 d) G74
13. Which of the following code is used to cancel offset compensation for cutter radius?
a) G40 b) G02 c) G42 d) G00
14. Which of the following code is used to give cutter offset compensation, left of a part surface?
a) G40 b) G41 c) G42 d) G50
15. Which of the following code is used to give cutter offset compensation, right of a part surface?
a) G00 b) G41 c) G42 d) G91


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Department of Mechanical Engineering

Five days Certification Program on "CNC Programming"

Solution

1. a) G01
2. a) G00
3. c) G02
4. d) G03
5. b) G04
6. c) G10
7. b) G17
8. a) G18
9. d) G19
10. d) G21
11. b) G28
12. a) G32
13. a) G40
14. b) G41
15. c) G42

Approved by Academic Committee Members & HOD

Sl No.	Faculty Name	Designation	Signature
1	Prof. Ramkumar M	Assistant Professor	
2	Prof. Ramesh. N G	Assistant Professor	
3	Prof. Madhukumar Y C	Assistant Professor	
4	Prof. Arun Kumar R	Assistant Professor	
5	Prof. Sanjay H M	Guest Speaker	

HOD
Professor & Head

Department of Mechanical Engineering
Sapthagiri College of Engineering
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Certificate

This is to Certify that Mr./Ms. Prashanth R.
of Mechanical Engineering has participated
and successfully completed Five days Certification Course on
"CNC PROGRAMMING" from 25 July, 2016 to 29 July, 2016
organized by the Department of mechanical Engineering, Sapthagiri
College of Engineering.


HOD, Dept of ME


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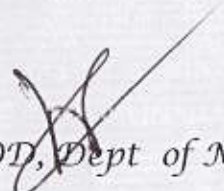


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of Mechanical Engineering has participated
and successfully completed Five days Certification Course on
"CNC PROGRAMMING" from 25 July, 2016 to 29 July, 2016
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of _____ has participated
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Department of Mechanical Engineering

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Participant Feedback

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

Student Name: Arun K. V

Student Signature: 


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6. How do you rate the Certification Course compared to other workshops that you have attended?
☒ a) Fair b) Good c) Very Good d) Excellent
7. Generally how was your overall experience during the Certification Course
a) Fair ☒ b) Good c) Very Good d) Excellent
8. Any Suggestions:

Student Name: C. Vinod Kumar

Student Signature: 

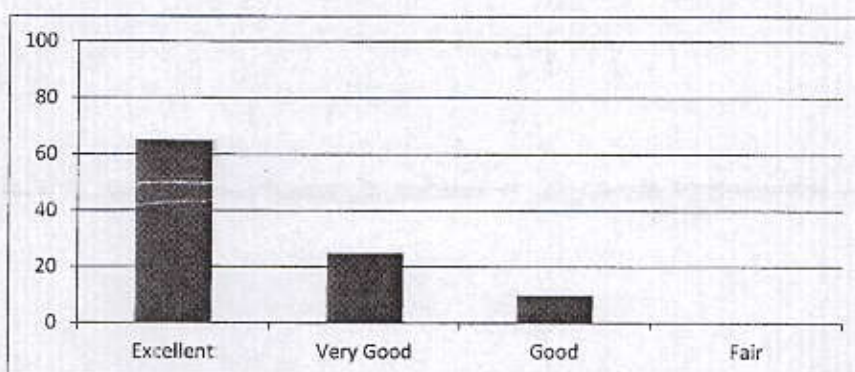

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Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

FEEDBACK ANALYSIS

Certification Programme: "CNC Programming"

No. of students participated	Student Feedback			
	Excellent	Very Good	Good	Fair
141	65%	25%	10%	0




Action Report:


65 % of students were completely happy with the certification program and 25 % of students felt it was a good program and remaining 10 % 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


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


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Bangalore-560 057



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Department of Mechanical Engineering

Certificate Course Report

Department of mechanical Engineering conducted Certificate Course on CNC Programming.

Guest Speaker: Prof. Sanjay H M

Duration of the course: was for five days from July 25th 2016 to July 29th 2016

Course detail

Objective of the Course: The five day course made the students to be familiar with the CNC Programming for turning, drilling and Milling operation. Which is a main platform for their career. Certificate Course became the vital step to improve the knowledge of students

Dates	SESSION 1 (9.00 am-12.00 pm)	SESSION 2 (1.00 pm- 4.00 pm)
25/07/2016 Monday	Introduction about Programming	G Codes & M codes
26/07/2016 Tuesday	CNC turning programming	CNC turning programming
27/07/2016 Wednesday	CNC turning programming	CNC turning programming
28/07/2016 Thursday	CNC Milling programming	CNC Milling programming
29/07/2016 Friday	CNC Milling programming	CNC Milling programming


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Department of Mechanical Engineering

Conclusion: Certificate course made them comfortable with the CNC Programming. 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.



Lecture to the students



HOD

V.O.D. Dept. of Mech. Engg
S.C.E., Bangalore-560 057



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Sapthagiri College of Engineering
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Department of Mechanical Engineering

Date: 04-01-2017

To,

IQAC Coordinator
Sapthagiri College of Engineering
Bangalore - 560057.

Respected Sir,

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

The Budget Proposal for conduction a certification program on Applied Thermodynamics from 23-01-2017 to 27-01-2017 is here by 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	133	1500
3	Others	1	1000
Total			2700

*Forwarded for the
HC approval & certification
Hem*


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


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Department of Mechanical Engineering

Date: 07-01-2017

CIRCULAR

This is to inform that the following Academic Committee members are requested to attend the meeting on 09/01/2017 at 10.30 am in the HODs chamber to decide the syllabus and the lesson plan for the certification program on "Applied Thermodynamics".

Sl No.	Faculty Name	Designation	Signature
1	Prof. Ramkumar M	Assistant Professor	
2	Prof. Ramesh. N G	Assistant Professor	
3	Prof. Madhu kumar Y C	Assistant Professor	
4	Prof. Arun Kumar R	Assistant Professor	

Professor in Charge
Department of Mechanical Engineering
Sapthagiri College of Engineering
Bengaluru - 560057

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
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Department of Mechanical Engineering

Date: 07-01-2017

To,

Prof. Basvaraj G
Asst. Professor - KIT
Tiptur

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 "Applied Thermodynamics" for 4th semester students from 23-01-2017 to 27-01-2017. In this connection, we are privileged to invite you as a guest speaker on the above mentioned topic.

We request you to attend the meeting to discuss about the conduction of certification course on 09/01/2017 at 10.30 am in Mechanical HODs Chamber. We look forward to welcome you at SCE.

Thanking you

Yours faithfully

Prof. Basvaraj G

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

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Department of Mechanical Engineering

Minutes of Meeting

A meeting was conducted on 9-Jan-2017 in Mechanical HODs Chamber to discuss and approve the following about the 5 days Certification Course for 4th semester ME Students.

- **Course Title :** Applied Thermodynamics
- **Program Coordinator :** Prof. Arun Kumar R
- **Resource Person:** Prof. Basvaraj G, Asst. Professor, KIT
- **Course Duration & Date:** 5 Days from 23-01-2017 to 27-01-2017
- **Syllabus :** Applied Thermodynamics

Lesson Plan of the certification program

Dates	SESSION 1 (9.00 am-12.00 pm)	SESSION 2 (1.30 pm- 4.00 pm)	No. of Hours
23/01/2017 Monday	Air Standard Power Cycles	Applications of Power Cycles	6
24/01/2017 Tuesday	Vapour Power Cycles	Steam Nozzles	6
25/01/2017 Wednesday	Combustion Thermodynamics	I C Engines	6
26/01/2017 Thursday	Refrigeration	Air Conditioning	6
27/01/2017 Friday	Air Compressors	Air Compressors	6

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Department of Mechanical Engineering

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	Prof. Ramkumar M	Assistant Professor	
2	Prof. Ramesh. N G	Assistant Professor	
3	Prof. Madhu kumar Y C	Assistant Professor	
4	Prof. Arun Kumar R	Assistant Professor	
5	Prof. Basavaraj.G	Guest Speaker	

HOD

Department of Mechanical Engineering
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Department of Mechanical Engineering

Date: 09/01/2017

NOTICE

As a part of programming skill development, Department of Mechanical Engineering is conducting five days Certification Course on "Applied thermodynamics" from 23/01/2017 to 27/01/2017 for 4th Semester mechanical students. The candidates enroll your names with Mr. Arun Kumar.



HOD

Department of Mechanical Engineering
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Bengaluru - 560 057.



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Department of Mechanical Engineering

Five Days Certification Program On "Applied Thermodynamics"

Students Enrollment

Sl.No.	USN	Student Name
1	1SG15ME003	ADITHYA N
2	1SG15ME004	AFTAB AHMED WALA
3	1SG15ME005	AJAY.K
4	1SG15ME006	AJEYA.V
5	1SG15ME007	AJITH S P
6	1SG15ME008	AKSHAY S
7	1SG15ME009	AMAN NAIN
8	1SG15ME010	AMITH.R
9	1SG15ME011	ANIL KUMAR C
10	1SG15ME012	ANIRUDH R K
11	1SG15ME013	ARJUN S
12	1SG15ME014	ASHISH SHARMA
13	1SG15ME015	AYAN GUHA RAOY
14	1SG15ME016	BASAVARAJ DIWATAR
15	1SG15ME017	BHARATH .V
16	1SG15ME018	C KARTHIK
17	1SG15ME019	CHETAN.M.WALI
18	1SG15ME020	CHETHAN I P
19	1SG15ME021	DAYANANDA M
20	1SG15ME022	DEEPU H S
21	1SG15ME023	DEVARAJ HIREMATH
22	1SG15ME024	DHANANJAYA V
23	1SG15ME025	DHANRAJ M
24	1SG15ME026	DHARSHAN M J
25	1SG15ME028	DILIP M
26	1SG15ME030	DINESH KUMAR K
27	1SG15ME031	DIVYA C N
28	1SG15ME032	GAGAN M
29	1SG15ME033	GALVIN IGNATIUS MENEZES
30	1SG15ME034	GYANENDRA KUMAR GUPTA


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31	1SG15ME035	HARISH A
32	1SG15ME036	HARSHITHA P
33	1SG15ME037	HEMANTH POONIA
34	1SG15ME038	HIMANSHU
35	1SG15ME039	HITHESH T M
36	1SG15ME041	JAIDEEP PRAJAPATI
37	1SG15ME042	JANARDHAN K N
38	1SG15ME043	JOHN PATRICK .G
39	1SG15ME044	KISHAN SHARM
40	1SG15ME045	KISHORE S
41	1SG15ME046	KUMAR P G
42	1SG15ME047	KUMAR ROHAN
43	1SG15ME048	K.SAISOMASEKHAR
44	1SG15ME049	KUSHAL S
45	1SG15ME050	LIKITH P S
46	1SG15ME052	MADAN KUMAR L
47	1SG15ME053	MANJUNATH M
48	1SG15ME054	MD REHAN NASIM
49	1SG15ME055	MITHUN RAGHUNANDAN
50	1SG15ME057	DHANUSH N
51	1SG15ME058	NAGARJUN S TAKKALAKI
52	1SG15ME059	NAGARJUN M
53	1SG15ME060	NISCHITH A G
54	1SG15ME061	KURUBA NITHEESH KUMAR
55	1SG15ME063	PAVAN SHARMA K.S
56	1SG15ME064	PAWAN C
57	1SG15ME066	PRADEEP.B.N
58	1SG15ME067	PRATHEEK S
59	1SG15ME068	PRAVEEN.S
60	1SG15ME070	PUNITH JADHAV V
61	1SG15ME071	RAGHAVA SURYA.M
62	1SG15ME072	RAHUL N DIXIT
63	1SG15ME073	RAHUL V
64	1SG15ME074	RAJATH G MOODITHAYA
65	1SG15ME076	RAMESH P
66	1SG15ME078	RAVISHANKAR .G
67	1SG15ME079	ROHAN A
68	1SG15ME080	S HANUMANTHA REDDY
69	1SG15ME081	SADANANDA LAXMINARAYAN


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70	1SG15ME082	SAKSHAM KANTHAK
71	1SG15ME083	SANTHOSHA
72	1SG15ME084	SAURABH RAJESH PARAVE
73	1SG15ME086	SHAIK MOHAMMAD N SAAR
74	1SG15ME087	SHAIKH SHAHID ALAM
75	1SG15ME089	SHARATH.A.R
76	1SG15ME091	SHASHANK H PRASAD
77	1SG15ME092	SHUBHAM MAJHI
78	1SG15ME094	SRIDHAR N S
79	1SG15ME095	SUKRUTH C
80	1SG15ME096	SUKRUTH K
81	1SG15ME098	SUMUKH G K
82	1SG15ME099	SYED ABEED
83	1SG15ME100	V V VENUKARTIK
84	1SG15ME101	VIGNESH K M
85	1SG15ME102	VINEET KUMAR
86	1SG15ME104	YOGESH GOWDA H
87	1SG15ME105	YOGESH B
88	1SG14ME008	AKSHAY RAJ
89	1SG14ME048	KARTHIK M BADDOLI
90	1SG16ME400	AKSHAY S R
91	1SG16ME401	ANIL KUMAR R
92	1SG16ME402	CHETAN GOWDA H S
93	1SG16ME403	DAMODARA C
94	1SG16ME404	DARSHAN M E
95	1SG16ME405	DARSHAN V V
96	1SG16ME407	HALASWAMY C M
97	1SG16ME408	HEMANTH KUMAR T
98	1SG16ME409	HEMANTH L
99	1SG16ME410	JAI KRISHNA J
100	1SG16ME411	KESHAVAPRASHANTH S
101	1SG16ME412	LOKESH M S
102	1SG16ME413	MADHU D B
103	1SG16ME414	MAHANTESH DODAMANI
104	1SG16ME415	MAHESH G K
105	1SG16ME416	MANISH RAO S
106	1SG16ME417	MANJUNATH A NILUGA
107	1SG16ME418	MANJUNATH B G
108	1SG16ME419	MANJUNATH PATIL


Principal

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109	1SG16ME420	MANOJ KUMAR J
110	1SG16ME421	MOUNESH
111	1SG16ME42	NAGARAJ VENKATRAMAN BHAT
112	1SG16ME423	NIVEDITHA SHREE N
113	1SG16ME424	P K MUSTAFA
114	1SG16ME425	PAVAN R
115	1SG16ME426	POORVIK S
116	1SG16ME427	PRASHANTH KUMAR V
117	1SG16ME428	PRAVEEN N S
118	1SG16ME429	PUNITH A N
119	1SG16ME430	RAJESHA K H
120	1SG16ME431	RAKESH KUMAR
121	1SG16ME432	RAKSHITH K L
122	1SG16ME433	ROHITH J
123	1SG16ME434	SAMYUKTHA P R
124	1SG16ME435	SANATH K S
125	1SG16ME436	SANDEEP R P
126	1SG16ME437	SHARATH C G
127	1SG16ME438	SHRAVANI S
128	1SG16ME439	SHREERAM A
129	1SG16ME440	SHRIDHAR A S
130	1SG16ME441	TOUHED PASHA B
131	1SG16ME442	VIJAY M R
132	1SG16ME443	VINAY M
133	1SG16ME444	YASHAVANTH A S


 HOD
 H.O.D. Dept. of Mech. Engg
 A.C.E., Bangalore-560 05


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DEPARTMENT OF MECHNAICAL ENGINEERING

Five days Certification Program on "Applied Thermodynamics"

Attendance

Sl No.	USN	Student Name	23/1/17		24/1/17		25/1/17		26/1/17		27/1/17		
			MS	AS	MS	AS	MS	AS	MS	AS	MS	AS	
1	1SG15ME003	ADITHYA N	1	2	3	4	5	6	7	8	9	10	
2	1SG15ME004	AFTAB AHMED WALA	1	2	3	4	5	6	7	8	9	10	
3	1SG15ME005	AJAY.K	1	2	3	4	5	6	7	8	9	10	
4	1SG15ME006	AJEYA.V	1	2	3	4	5	6	7	8	9	10	
5	1SG15ME007	AJITH S P	1	2	3	4	5	6	7	8	9	10	
6	1SG15ME008	AKSHAY S	1	2	3	4	5	6	7	8	9	10	
7	1SG15ME009	AMAN NAIN	1	2	3	4	5	6	7	8	9	10	
8	1SG15ME010	AMITH.R	1	2	3	4	5	6	7	8	9	10	
9	1SG15ME011	ANIL KUMAR C	1	2	3	4	5	6	7	8	9	10	
10	1SG15ME012	ANIRUDH R K	1	2	3	4	5	6	7	8	9	10	
11	1SG15ME013	ARJUN S	1	2	3	4	4	5	6	7	8	9	
12	1SG15ME014	ASHISH SHARMA	1	2	3	4	5	6	7	8	9	10	
13	1SG15ME015	AYAN GUHA RAOY	1	2	3	4	5	6	7	8	9	10	
14	1SG15ME016	BASAVARAJ DIWATAR	1	2	3	4	5	6	7	8	9	10	
15	1SG15ME017	BHARATH .V	1	2	3	4	5	6	7	8	9	10	
16	1SG15ME018	C KARTHIK	1	2	3	4	5	6	7	8	9	10	
17	1SG15ME019	CHETAN.M.WALI	1	2	3	4	5	6	7	8	9	10	
18	1SG15ME020	CHETHAN I P	1	2	3	4	5	6	7	8	9	10	
19	1SG15ME021	DAYANANDA M	1	2	3	4	5	6	7	8	9	10	
20	1SG15ME022	DEEPU H S	1	2	3	4	5	6	7	8	9	10	
21	1SG15ME023	DEVARAJ HIREMATH	1	2	3	4	5	6	7	8	9	10	
22	1SG15ME024	DHANANJAYA V	1	2	3	4	5	6	6	7	8	9	
23	1SG15ME025	DHANRAJ M	1	2	3	4	5	6	7	8	9	10	
24	1SG15ME026	DHARSHAN M J	1	2	3	4	5	6	7	6	9	10	
25	1SG15ME028	DILIP M	1	1	2	3	4	5	6	7	8	9	
26	1SG15ME030	DINESH KUMAR K	1	2	3	4	5	5	6	7	8	9	
27	1SG15ME031	DIVYA C N	1	2	3	4	5	6	7	8	8	9	
28	1SG15ME032	GAGAN M	1	2	3	4	5	6	7	8	9	10	
29	1SG15ME033	GALVIN IGNATIUS	1	2	3	4	5	6	7	8	9	10	
30	1SG15ME034	GYANENDRA KUMAR	1	2	3	4	5	6	7	8	9	10	

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31	1SG	HARISH A	1	2	3	4	5	6	7	8	9	10
32	1SG15ME036	HARSHITHA P	1	2	3	4	5	6	7	8	9	10
33	1SG15ME037	HEMANTH POONIA	1	2	3	4	5	6	7	8	9	10
34	1SG15ME038	HIMANSHU	1	2	3	4	5	6	7	8	9	10
35	1SG15ME039	HITHESH T M	1	1	2	3	4	5	6	7	8	9
36	1SG15ME041	JAIDEEP PRAJAPATI	1	2	3	4	5	6	7	8	9	10
37	1SG15ME042	JANARDHAN K N	1	2	3	4	5	6	7	8	9	10
38	1SG15ME043	JOHN PATRICK .G	1	2	3	4	5	6	7	8	9	10
39	1SG15ME044	KISHAN SHARM	1	2	3	4	5	6	7	8	9	10
40	1SG15ME045	KISHORE S	1	2	3	4	5	6	7	8	9	10
41	1SG15ME046	KUMAR P G	1	2	3	3	4	5	6	7	8	9
42	1SG15ME047	KUMAR ROHAN	1	2	3	4	5	6	7	8	9	10
43	1SG15ME048	K.SAISOMASEKHAR	1	2	3	4	5	6	7	8	9	10
44	1SG15ME049	KUSHAL S	1	2	3	4	5	5	6	7	8	9
45	1SG15ME050	LIKITH P S	1	2	3	4	5	6	7	8	9	10
46	1SG15ME052	MADAN KUMAR L	1	2	3	4	5	6	6	7	8	9
47	1SG15ME053	MANJUNATH M	1	2	3	4	5	6	7	8	9	10
48	1SG15ME054	MD REHAN NASIM	1	2	3	4	5	6	7	8	9	10
49	1SG15ME055	MITHUN RAGHUNANDAN	1	2	3	4	5	6	7	8	9	10
50	1SG15ME057	DHANUSH N	1	2	3	4	5	6	7	8	9	10
51	1SG15ME058	NAGARJUN S TAKKALAKI	1	2	3	4	5	6	7	8	9	10
52	1SG15ME059	NAGARJUN M	1	2	3	4	4	5	6	7	8	9
53	1SG15ME060	NISCHITH A G	1	2	3	4	5	6	7	8	9	10
54	1SG15ME061	KURUBA NITHEESH	1	2	3	4	4	5	6	7	8	9
55	1SG15ME063	PAVAN SHARMA K.S	1	2	3	4	5	6	7	8	9	10
56	1SG15ME064	PAWAN C	1	2	3	4	5	6	6	7	8	9
57	1SG15ME066	PRADEEP.B.N	1	2	3	4	5	6	7	8	9	10
58	1SG15ME067	PRATHEEK S	1	2	3	4	5	6	7	8	9	10
59	1SG15ME068	PRAVEEN.S	1	2	3	4	5	6	7	8	9	10
60	1SG15ME070	PUNITH JADHAV V	1	2	3	4	5	6	6	7	8	9
61	1SG15ME071	RAGHAVA SURYA.M	1	2	3	4	5	6	7	8	9	10
62	1SG15ME072	RAHUL N DIXIT	1	2	3	4	5	6	7	8	9	10
63	1SG15ME073	RAHUL V	1	2	3	4	5	5	6	7	8	9
64	1SG15ME074	RAJATH G MOODITHAYA	1	2	3	4	5	6	7	8	9	10
65	1SG15ME076	RAMESH P	1	2	3	4	5	6	7	8	9	10
66	1SG15ME078	RAVISHANKAR .G	1	2	3	3	4	5	6	7	8	9

Principal

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67	1SG15ME079	ROHAN A	1	2	3	4	5	6	7	8	9	10
68	1SG15ME080	S HANUMANTHA REDDY	1	2	3	4	5	6	7	8	9	10
69	1SG15ME081	SADANANDA	1	2	3	4	5	6	7	8	9	10
70	1SG15ME082	SAKSHAM KANTHAK	1	2	3	4	5	6	7	8	9	10
71	1SG15ME083	SANTHOSHA	1	2	3	4	5	6	7	8	9	10
72	1SG15ME084	SAURABH RAJESH	1	2	3	4	5	6	7	8	9	10
73	1SG15ME086	SHAIK MOHAMMAD	1	2	3	4	5	6	7	8	9	10
74	1SG15ME087	SHAIKH SHAHID ALAM	1	2	3	4	5	6	7	8	9	10
75	1SG15ME089	SHARATH.A.R	1	2	3	4	5	6	7	8	9	10
76	1SG15ME091	SHASHANK H PRASAD	1	2	3	4	5	6	7	8	9	10
77	1SG15ME092	SHUBHAM MAJHI	1	2	3	4	5	6	7	8	9	10
78	1SG15ME094	SRIDHAR N S	1	2	3	4	5	6	7	8	9	10
79	1SG15ME095	SUKRUTH C	1	2	3	4	5	6	7	8	9	10
80	1SG15ME096	SUKRUTH K	1	2	3	4	5	6	7	8	9	10
81	1SG15ME098	SUMUKH G K	1	2	3	4	5	6	7	8	9	10
82	1SG15ME099	SYED ABEED	1	2	3	4	5	6	7	8	9	10
83	1SG15ME100	V V VENUKARTIK	1	2	3	4	5	6	7	8	9	10
84	1SG15ME101	VIGNESH K M	1	2	3	4	5	6	7	8	9	10
85	1SG15ME102	VINEET KUMAR	1	2	3	4	5	6	7	8	9	10
86	1SG15ME104	YOGESH GOWDA H	1	2	3	4	5	6	7	8	9	10
87	1SG15ME105	YOGESH B	1	2	3	4	5	6	7	8	9	10
88	1SG14ME008	AKSHAY RAJ	1	2	3	4	5	6	7	8	9	10
89	1SG14ME048	KARTHIK M BADDOLI	1	2	3	3	4	5	6	7	8	9
90	1SG16ME400	AKSHAY S R	1	2	3	4	5	6	7	8	9	10
91	1SG16ME401	ANIL KUMAR R	1	2	3	4	5	6	7	8	9	10
92	1SG16ME402	CHETAN GOWDA H S	1	2	3	3	4	5	6	7	8	9
93	1SG16ME403	DAMODARA C	1	2	3	4	5	6	7	8	9	10
94	1SG16ME404	DARSHAN M E	1	2	3	4	5	5	6	7	8	9
95	1SG16ME405	DARSHAN V V	1	2	3	4	5	6	7	8	9	10
96	1SG16ME407	HALASWAMY C M	1	2	3	4	5	6	7	8	9	10
97	1SG16ME408	HEMANTH KUMAR T	1	2	3	4	5	6	7	8	9	10
98	1SG16ME409	HEMANTH L	1	2	3	4	5	6	7	8	9	10
99	1SG16ME410	JAI KRISHNA J	1	2	3	4	5	6	7	8	9	10
100	1SG16ME411	KESHAVAPRASHANTH S	1	2	3	4	5	6	7	8	9	10
101	1SG16ME412	LOKESH M S	1	2	3	4	5	6	7	8	9	10
102	1SG16ME413	MADHU D B	1	2	3	3	4	5	6	7	8	9

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103	1SG16ME414	MAHANTESH DODAMANI	1	2	3	4	5	6	7	8	9	10
104	1SG16ME415	MAHESH G K	1	2	3	4	5	6	7	8	9	10
105	1SG16ME416	MANISH RAO S	1	2	3	4	5	6	7	8	9	10
106	1SG16ME417	MANJUNATH A NILUGAL	1	2	3	4	5	6	7	8	9	10
107	1SG16ME418	MANJUNATH B G	1	2	3	4	5	6	7	8	9	10
108	1SG16ME419	MANJUNATH PATIL	1	2	3	4	5	6	7	8	9	10
109	1SG15ME420	MANOJ KUMAR J	1	2	3	4	5	6	7	8	9	10
110	1SG15ME421	MOUNESH	1	2	3	4	5	6	7	8	9	10
111	1SG16ME42	NAGARAJ VENKATRAMAN	1	2	3	4	5	6	7	8	9	10
112	1SG16ME423	NIVEDITHA SHREE N	1	2	3	4	5	6	7	8	9	10
113	1SG16ME424	P K MUSTAFA	1	2	3	4	5	6	7	8	9	10
114	1SG16ME425	PAVAN R	1	2	3	4	5	6	7	8	9	10
115	1SG16ME426	POORVIK S	1	2	3	4	5	6	7	8	9	10
116	1SG16ME427	PRASHANTH KUMAR V	1	2	3	4	5	6	7	8	9	10
117	1SG16ME428	PRAVEEN N S	1	2	3	4	5	6	7	8	9	10
118	1SG15ME429	PUNITH A N	1	2	3	4	5	6	7	8	9	10
119	1SG15ME430	RAJESHA K H	1	2	3	4	5	6	7	8	9	10
120	1SG15ME431	RAKESH KUMAR	1	2	3	4	5	6	7	8	9	10
121	1SG16ME432	RAKSHITH K L	1	2	3	4	5	6	7	8	9	10
122	1SG16ME433	ROHITH J	1	2	3	4	5	6	7	8	9	10
123	1SG16ME434	SAMYUKTHA P R	1	2	3	4	5	6	7	8	9	10
124	1SG16ME435	SANATH K S	1	2	3	4	5	6	7	8	9	10
125	1SG16ME436	SANDEEP R P	1	2	3	4	5	6	7	8	9	10
126	1SG16ME437	SHARATH C G	1	2	3	4	5	6	7	8	9	10
127	1SG16ME438	SHRAVANI S	1	2	3	4	5	6	7	8	9	10
128	1SG16ME439	SHREERAM A	1	2	3	4	5	6	7	8	9	10
129	1SG16ME440	SHRIDHAR A S	1	2	3	4	5	6	7	8	9	10
130	1SG16ME441	TOUHED PASHA B	1	2	3	4	5	6	7	8	9	10
131	1SG16ME442	VIJAY M R	1	2	3	4	5	6	7	8	9	10
132	1SG16ME443	VINAY M	1	2	3	4	5	6	7	8	9	10
133	1SG16ME444	YASHAVANTH A S	1	2	3	4	5	6	7	8	9	10
Signature of Resource Personnel												

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T.C.D. Dept. of Mech. Engg
B.C.E., Bangalore-560 057



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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057
Department of Mechanical Engineering

Five days Certification Program on "Applied Thermodynamics"

Question Paper

- For a process from state 1 to state 2, heat transfer in a reversible process is given by
 - $Q \text{ for reversible} = (T_0) \cdot (S_1 - S_2)$
 - $Q \text{ for reversible} = (T_0) \cdot (S_2 - S_1)$
 - $Q \text{ for reversible} = (T_0) / (S_1 - S_2)$
 - $Q \text{ for reversible} = (T_0) / (S_2 - S_1)$
- Which of the following is true?
 - $Q \text{ for reversible} > Q \text{ for irreversible}$ and work for reversible $<$ work for irreversible
 - $Q \text{ for reversible} < Q \text{ for irreversible}$ and work for reversible $>$ work for irreversible
 - $Q \text{ for reversible} < Q \text{ for irreversible}$ and work for reversible $<$ work for irreversible
 - $Q \text{ for reversible} > Q \text{ for irreversible}$ and work for reversible $>$ work for irreversible
- In an open system, for maximum work, the process must be entirely
 - irreversible
 - reversible
 - adiabatic
 - none of the mentioned
- Which of the following is true for a steady flow system?
 - mass entering = mass leaving
 - mass does not enter or leave the system
 - mass entering can be more or less than the mass leaving
 - none of the mentioned
- Which of the following is true for a closed system?
 - mass entering = mass leaving
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- Which of the following is mostly neglected while doing calculations for finding maximum work?
 - KE
 - PE
 - both of the mentioned
 - none of the mentioned
- The work done by a closed system in a reversible process is always ____ that done in an irreversible process.
 - less than or more than
 - equal to
 - less than
 - more than
- A piston cylinder contains air at 600 kPa, 290 K and a volume of 0.1 m^3 . A constant pressure process gives 54 kJ of work out. Find the final volume of the air.
 - 0.05 m^3
 - 0.01 m^3
 - 0.10 m^3
 - 0.15 m^3
- A piston cylinder contains 0.5 kg of air at 500 kPa and 500 K. The air expands in a process so pressure is linearly decreasing with volume to a final state of 100 kPa and 300 K. Find the work in the process.
 - 56.1 kJ
 - 66.1 kJ
 - 76.1 kJ
 - 86.1 kJ
- Which of the following is not a path function
 - heat
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 - Kinetic energy
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- An actual engine is to be designed having same efficiency as the Carnot cycle. Such a proposition is
 - Feasible
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Department of Mechanical Engineering

12. The absolute zero pressure can be attained at a temperature of
a) 0°C b) -273°C c) 273 K d) None of these
13. mixture of ice and water form a
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14. the entropy may be expressed as a function of
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19. Change in enthalpy of a system is the heat supplied at
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
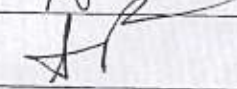
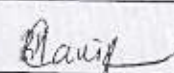

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Applied Thermodynamics Solution

1. c) $Q \text{ for reversible} = (T_o)/(S1-S2)$
2. b) $Q \text{ for reversible} < Q \text{ for irreversible}$ and $\text{work for reversible} > \text{work for irreversible}$
3. a) irreversible
4. a) mass entering = mass leaving
5. b) mass does not enter or leave the system
6. c) both of the mentioned
7. c) less than
8. b) 0.01 m^3
9. c) 76.1 kJ
10. b) Work
11. b) impossible
12. c) 273 K
13. d) heterogeneous system
14. d) All of the above
15. a) Coal gas
16. a) 1.4
17. a) Calorific value
18. c) 4.187
19. a) Constant pressure
20. c) Enthalpy

Approved by Academic Committee Members & HOD

Sl No.	Faculty Name	Designation	Signature
1	Prof. Ramkumar M	Assistant Professor	
2	Prof. Ramesh. N G	Assistant Professor	
3	Prof. Madhu kumar Y C	Assistant Professor	
4	Prof. Arun Kumar R	Assistant Professor	
5	Prof. Basavaraj.G	Guest Speaker	


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Five days Certification Program on "Applied Thermodynamics"

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 a) $Q \text{ for reversible} = (T_0) * (S_1 - S_2)$ b) $Q \text{ for reversible} = (T_0) * (S_2 - S_1)$
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18
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Five days Certification Program on "Applied Thermodynamics"

Question Paper

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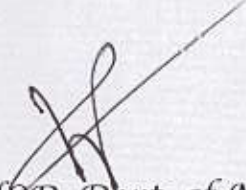


Sapthagiri College of Engineering


Bangalore-560057

Certificate

This is to Certify that Mr./Ms. Ajean K
of Mechanical Engineering has participated
and successfully completed Five days Certification Course on
"Applied Thermodynamics" from 23 January, 2017 to 27 January,
2017 organized by the Department of mechanical Engineering,
Sapthagiri College of Engineering.


HOD, Dept of ME


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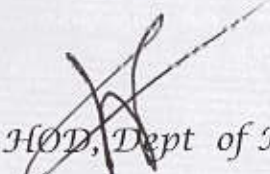


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Certificate

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of Mechanical Engineering has participated
and successfully completed Five days Certification Course on
"Applied Thermodynamics" from 23 January, 2017 to 27 January,
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Department of Mechanical Engineering

Five days Certification Program on "Applied Thermodynamics"

Participant Feedback

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

Asur S
Student Name:

asur
Student Signature:


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Chethan IP
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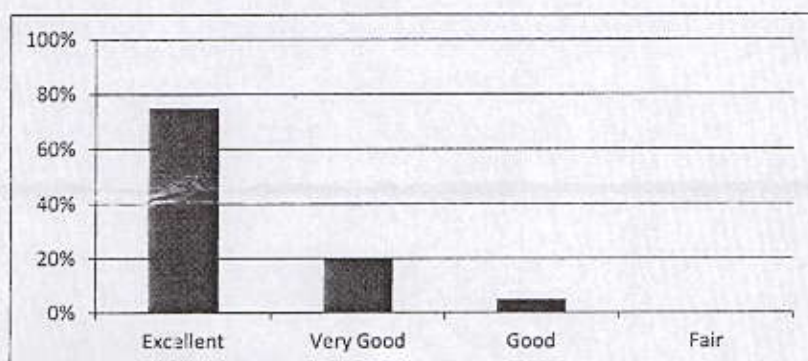
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057

Department of Mechanical Engineering

FEEDBACK ANALYSIS

Certification Programme: "CNC Programming"

No. of students participated	Student Feedback			
	Excellent	Very Good	Good	Fair
133	75%	20%	5%	0



Action Report:

75 % of students were completely happy with the certification program and 20 % of students felt it was a good program and remaining 5 % 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

Principal

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

HOD

Department of Mechanical Engineering
Sapthagiri College of Engineering
Bangalore - 560 057



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Department of Mechanical Engineering

Certificate Course Report

Department of mechanical Engineering conducted Certificate Course on CNC Programming.

Guest Speaker: Prof. Basavaraj.G

Duration of the course: was for five days from 23/01/2017 to 27/01/2017

Course detail

Objective of the Course: The five day course made the students to be familiar with the CNC Programming for turning, drilling and Milling operation. Which is a main platform for their career. Certificate Course became the vital step to improve the knowledge of students

Dates	SESSION 1 (9.00 am-12.00 pm)	SESSION 2 (1.00 pm- 4.00 pm)
23/01/2017 Monday	Air Standard Power Cycles	Applications of Power Cycles
24/01/2017 Tuesday	Vapour Power Cycles	Steam Nozzles
25/01/2017 Wednesday	Combustion Thermodynamics	I C Engines
26/01/2017 Thursday	Refrigeration	Air Conditioning
27/01/2017 Friday	Air Compressors	Air Compressors


Principal

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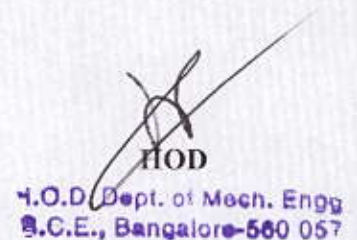
Conclusion: Certificate course made them comfortable with the Applied Thermodynamics. Learning style adopted by students, which eventually is developed into a skill of their forte. Through this course, an ecstatic learning background paved way to a positive learning environment in the class where active 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.



Guest lecture to the students



Principal
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Bengaluru - 560 057



HOD
H.O.D Dept. of Mech. Engg
S.C.E., Bangalore-560 057