

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	2013-2014
Branch	Mechanical
Name of the Student	Gagan S.
USN	15412ME09

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: Practical knowledge on solution of problems required


Signature


Principal
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14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

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Academic Year	2013-2014
Branch	Mechanical
Name of the Student	Nikhil Gowda
USN	15G12ME036

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: Job oriented courses required.

Signature

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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	2013-2014
Branch	Mechanical
Name	Vivek Kumar Srivastava
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: practical knowledge on Designing Machine Components required

N.K.S.
Signature

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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	2013 - 2014
Branch	MECHANICAL
Name	VIVEKANAND
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: Knowledge on design of machine components is to be implemented

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	2019-20
Branch	MECHANICAL ENGINEERING
Name of the Faculty	RAMKUMAR.M
Designation	ASST. PROFESSOR-G3
Subject/Sub. code	OPERATIONS MANAGEMENT / IOMEB1

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:

Practical knowledge of solving engg problems

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	2019-20
Branch	ME
Name of the Faculty	Mahesh A.M
Designation	Associate Professor
Subject/Sub. code	Thermodynamics / 10ME56

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 Laboratory Skills required

Signature

Principal



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4/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057
Department of Mechanical Engineering


Date: 19/05/2014

CIRCULAR

This is to inform that there will be a meeting of Academic committee members for analyzing curriculum syllabus of academic year 2013-14. The meeting is scheduled on 20/05/2014 at 10.00 AM in HOD's chamber.

Sl No.	Faculty Name	Designation	Signature
1	Prof. Siddesh Naik	Assistant Professor	
2	Prof. Ramkumar M	Assistant Professor	
3	Prof. Ramesh. N G	Assistant Professor	
4	Prof. Mithun P S	Assistant Professor	


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


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Bangalore-560 057

Date: 20/05/2014

MINUTES OF MEETING

With reference to circular dated on 19/05/2014, the academic committee member assembled in HOD's chamber for addressing the following agenda.

Agenda:

- Reviewing the department curriculum syllabus of Academic Year 2014-15
- Reviewing the feedback analysis of various stake holders for the academic year 2013-14.
- 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. Siddesh Naik	Assistant Professor
2	Prof. Ramkumar M	Assistant Professor
3	Prof. Ramesh. N G	Assistant Professor
4	Prof. Mithun P S	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

SL.NO	SEM	Course Title	Identified Gap
1	5 th and 7 th Semester	Design of machine elements	Technical skills to Design a machine components

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 "Design of machine elements" to overcome the gaps identified in the curriculum/syllabus.

Sl No.	Faculty Name	Designation	Signature
1	Prof. Siddesh Naik	Assistant Professor	
2	Prof. Ramkumar M	Assistant Professor	
3	Prof. Ramesh. N G	Assistant Professor	
4	Prof. Mithun P S	Assistant Professor	

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HOD
Professor of Mech
Department of Mechanical Engineering
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Department of Mechanical Engineering

Date: 22/05/2014

To

QAC 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 2013-14. 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 Design of machine elements from 28th July 2014 to 01st August 2014 for the academic year 2014-15. So, I request you to forward and get the approval from the governing council for the same.

Thanking You,

*Forwarded to the AC
approval & certification
[Signature]*

[Signature]
HOD

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

[Signature]

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Sapthagiri College of Engineering
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Department of Mechanical Engineering

Date: 3-07-2014

To,

IQAC Coordinator
Sapthagiri College of Engineering
Bangalore - 560057.

Respected Sir,

Subject: Budget Proposal for conduction of certification program on "Design of machine elements".

The Budget Proposal for conduction a certification program on Design of machine elements from 28-Jul-2014 to 1-Aug-2014 is hereby enclosed for your kind consideration and approval.

The details of the Recurring budget are given as follows:

Recurring Amount:

Sl. No.	Description	Quantity	Amount in Rs.
1	Bouquet	1	200
2	Certificates	129	1000
3	others	1	1000
Total			2200

*Forwarded to the HC
approval & satisfaction*
[Signature]

[Signature]
HOD

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

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Department of Mechanical Engineering

Date: 07-07-2014

CIRCULAR

This is to inform that the following Academic Committee members are requested to attend the meeting on 08/07/2014 at 11.00 AM in the HODs chamber to decide syllabus and the lesson plan for the certification program on "Design of machine elements".

Sl No.	Faculty Name	Designation	Signature
1	Prof. Siddesh Naik	Assistant Professor	
2	Prof. Ramkumar M	Assistant Professor	
3	Prof. Ramesh. N G	Assistant Professor	
4	Prof. Mithun P S	Assistant Professor	

HOD

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

Principal

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Department of Mechanical Engineering

Date: 07-07-2014

To,

Prof. Tulsidas D
Assistant Professor
VKIT, 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 "Design of machine elements" for 5th and 7th Semester students from 28-07-2014 to 1-08-2014. 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 08/07/2014 at 11 AM in Mechanical HODs Chamber. We look forward to welcome you at SCE.

Thanking you

Yours faithfully

HOD

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

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



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Department of Mechanical Engineering

Minutes of Meeting

A meeting was conducted on 08-Jul-2014 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 :** Design of machine elements
- **Program Coordinator :** Prof. Ramkumar M
- **Resource Person:** Prof. Tulsidas D
- **Course Duration & Date:** 5 Days from 28-Jul-2014 to 01-Aug-2014
- **Syllabus :** Design of machine elements of Gears, curved beams, clutches and bearings.

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
28-7-2014 Monday	steady stresses and variable stresses in machine members	Design of shafts and couplings	6
29-7-2014 Tuesday	Design of Temporary and permanent joints	Design of energy storing elements and engine components	6
30-7-2014 Wednesday	Design of Bearings	Design of curved beams	6
31-7-2014 Thursday	Design of Gear drives	Design of Clutches, Design of Brakes	6
1-8-2014 Friday	Design of Lubrication and Bearings	Design of Anti friction bearings	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. Siddesh Naik	Assistant Professor	
2	Prof. Ramkumar M	Assistant Professor	
3	Prof. Ramesh. N G	Assistant Professor	
4	Prof. Mithun P S	Assistant Professor	
5	Prof. Tulsidas D	Guest Speaker	

HOD

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

Principal

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Department of Mechanical Engineering

Date: 09/07/2014

NOTICE

As a part of programming skill development, Department of Mechanical Engineering is conducting five days Certification Course on "Design of machine elements" from 28-July-2014 to 1-August-2014 for 5th and 7th Semester mechanical students. The Students enroll your names with Mr. Ramkumar.M


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Department of Mechanical Engineering

Five Days Certification Program On "Design Of Machine Elements"

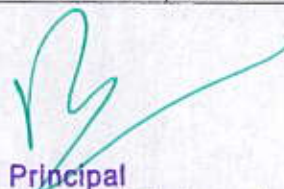
Students Enrollment

Sl.No.	USN	Student Name
1	1SG12ME001	ABHILASH V
2	1SG12ME002	ADITI JAHAGIRDAR
3	1SG12ME003	AMITH SINGH
4	1SG12ME004	ANKITH ANAND
5	1SG12ME005	ARUN KUMAR K
6	1SG12ME006	AZARODIN
7	1SG12ME007	BALAJI GOWDA T
8	1SG12ME008	BASAVARAJ D JOGOJE
9	1SG12ME009	BIKAS KUMAR
10	1SG12ME010	BITTU KUMAR SINGH
11	1SG12ME011	CHEETAN KUMAR H
12	1SG12ME012	CHETHAN KUMAR S
13	1SG12ME013	CHETHAN N
14	1SG12ME017	DEVI PRASAD
15	1SG12ME018	DARSHAN M.S
16	1SG12ME019	GAGAN G
17	1SG12ME020	GANGA SAGAR
18	1SG12ME021	GOWDA P B
19	1SG12ME022	HARISH KUMAR S
20	1SG12ME023	HARSHITH P
21	1SG12ME024	HEMANTH.N.R
22	1SG12ME026	KARTHIK PANCHAXRI .H
23	1SG12ME027	KESHAVA BHARADWAJ K.S.
24	1SG12ME028	KIRAN K G
25	1SG12ME029	M C RAKESH
26	1SG12ME030	MANITH DHARVALA
27	1SG12ME031	MANOJ J
28	1SG12ME032	MOHAMED VASEEM AKRAM
29	1SG12ME033	NAGANATH T
30	1SG12ME034	NATARAJ V.G.


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31	1SG12ME035	NAVEEN BHAT P
32	1SG12ME036	NIKHIL GOWDA
33	1SG12ME038	NITEESH ANANT HEGDE
34	1SG12ME039	NITHISH R.M.
35	1SG12ME040	PUNEETH SINGH TOMAR
36	1SG12ME041	R. DARSHAN KUMAR
37	1SG12ME042	RAJKUMAR
38	1SG12ME043	RAJATH KUMAR.R
39	1SG12ME044	RAMACHANDRA NAIK A L
40	1SG12ME045	RANJITH A
41	1SG12ME046	RISHAV KUMAR
42	1SG12ME049	SANKET MADEV NAIK
43	1SG12ME050	SANTHOSH KUMAR
44	1SG12ME051	SAURAV KUMAR
45	1SG12ME052	SHAFI AHMED
46	1SG12ME053	SHARAN SARGUR
47	1SG12ME054	SHUBHAM SAURAB
48	1SG12ME055	SRIRAM G N
49	1SG12ME056	SUBRAMANI S.N.
50	1SG12ME057	SUNITH S SHENOY
51	1SG12ME058	SUPRADEEP RAO MS
52	1SG12ME059	SURAJ B
53	1SG12ME061	VIKRAM KUMAR SINGH
54	1SG12ME062	VISHWACHETHAN M V
55	1SG12ME063	VIVEK H
56	1SG12ME065	PAL SUSHANTH
57	1SG12ME066	SANDEEP S P
58	1SG13ME400	ARUN.S
59	1SG13ME402	CHETHAN G
60	1SG13ME403	HITESH PATIL S
61	1SG13ME404	JAYA RAJU B
62	1SG13ME405	NITISH K
63	1SG13ME406	KIRAN KUMAR GOWDA V.P
64	1SG13ME407	MOHITH N
65	1SG13ME408	RAKESHA G.R
66	1SG13ME409	SHIVAKUMAR H
67	1SG13ME410	SHIVAKUMAR M. AWARI
68	1SG13ME411	VINAY KUMAR R.S
69	1SG12ME067	ARUN KUMAR .K M



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70	1SG10ME054	VINISH KUMAR
71	1SG10ME062	ABHISHEK K K
72	1SG10ME064	ASHISH
73	1SG10ME065	SUBASH
74	1SG11ME001	ABHINAV.
75	1SG11ME002	ABISHEK RANJAN
76	1SG11ME003	AKASH G. C.
77	1SG11ME004	AKHILESH GUPTA
78	1SG11ME007	ARUN J R.
79	1SG11ME013	CHETAN KUMAR P G.
80	1SG11ME015	DEEPAK P. N.
81	1SG11ME017	G SRIKANTA
82	1SG11ME019	GOUTHAM. G. N
83	1SG11ME020	GOPALKRISHANA K S
84	1SG11ME021	GOWTHAM M V.
85	1SG11ME023	JAGANNATH B.
86	1SG11ME024	JAGMINDERPAL SINGH
87	1SG11ME027	K MANOJ SARALAYA
88	1SG11ME029	KISHORE. M R.
89	1SG11ME030	KSHATRAPATI KUMAR
90	1SG11ME032	MANOJ KUMAR M. R.
91	1SG11ME033	MANOJ MANJUNATHA HEGDE
92	1SG11ME037	NARENDRA M.N
93	1SG11ME041	PAVAN MUDEGOWDRA
94	1SG11ME042	POTHIGARA AMEIR
95	1SG11ME043	PRAJANANDA V.
96	1SG11ME044	R N PREETHI.
97	1SG11ME046	RAJAT
98	1SG11ME047	RAJESH KUMAR
99	1SG11ME048	RAVITEJA. G
100	1SG11ME049	REHAN SIDDIQUEI
101	1SG11ME052	SADASHIVA. C.
102	1SG11ME053	SHREYAS B.N
103	1SG11ME054	SONU KUMAR
104	1SG11ME055	SUJIT G K.
105	1SG11ME057	SURYA DARSHAN M.
106	1SG11ME058	SYED MUZZAMMIL AHMED
107	1SG11ME060	VIVEK KUMAR SINHA
108	1SG11ME061	VIVEK KUMAR SRIVASTAVA


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109	1SG11ME062	VIVEKANAND
110	1SG11ME064	CHANDAN R.S
111	1SG12ME400	ABHILASH T
112	1SG12ME401	ABZAL PASHA
113	1SG12ME402	ANIL KUMAR G
114	1SG12ME403	ARADHYA G S
115	1SG12ME404	KARTHIK T.R
116	1SG12ME405	KIRAN KUMAR K.S
117	1SG12ME406	NAGESH B N
118	1SG12ME407	NAVEEN P.C
119	1SG12ME408	PATIL SHIVAPUTRA GOUDA
120	1SG12ME409	PAVAN KUMAR _ G
121	1SG12ME411	SUNIL A
122	1SG12ME412	SHIVA R
123	1SG12ME413	PARTHIV PATEL
124	1SG11ME028	KALYAN CHAKRAVARTHI
125	1SG11ME039	NITISH KUMAR CHUBEY
126	1SG10ME034	RAKESH.V
127	1SG10ME056	VIVEK T
128	1SG10ME063	AKABARI RAHUL
129	1SG11ME018	GAURAV KUMAR


HOD

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



Principal
Sathagiri College of Engineering
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DEPARTMENT OF MECHANICAL ENGINEERING

Five days Certification Program on "Design of machine elements"

Attendance

Sl No.	USN	Student Name	23/07/14		29/07/14		30/07/14		31/07/14		01/08/14		
			MS	AS	MS	AS	MS	AS	MS	AS	MS	AS	
1	1SG12ME001	ABHILASH V	1	2	3	4	5	6	7	8	9	10	
2	1SG12ME002	ADITI JAHAGIRDAR	1	2	3	4	5	6	7	8	9	10	
3	1SG12ME003	AMITH SINGH	1	2	2	3	4	5	6	7	8	9	
4	1SG12ME004	ANKITH ANAND	1	2	3	4	5	6	7	8	9	10	
5	1SG12ME005	ARUN KUMAR K	1	2	3	3	4	5	6	7	8	9	
6	1SG12ME006	AZARODIN	1	2	3	4	5	6	7	8	9	10	
7	1SG12ME007	BALAJI GOWDA T	1	2	3	4	5	6	7	8	9	10	
8	1SG12ME008	BASAVARAJ D JOGOJE	1	2	3	4	5	6	7	8	9	10	
9	1SG12ME009	BIKAS KUMAR	1	2	3	4	5	6	7	8	9	10	
10	1SG12ME010	BITTU KUMAR SINGH	1	2	3	4	5	6	7	8	9	10	
11	1SG12ME011	CHEETAN KUMAR H	1	2	3	4	5	6	7	8	9	10	
12	1SG12ME012	CHETHAN KUMAR S	1	2	3	4	5	6	7	8	9	10	
13	1SG12ME013	CHETHAN N	1	2	3	4	5	6	7	8	9	10	
14	1SG12ME017	DEVI PRASAD	1	2	3	4	5	6	6	7	8	9	
15	1SG12ME018	DARSHAN M.S	1	2	3	4	5	6	7	8	9	10	
16	1SG12ME019	GAGAN G	1	2	3	4	5	6	7	8	9	10	
17	1SG12ME020	GANGA SAGAR	1	2	3	4	5	6	7	7	8	9	
18	1SG12ME021	GOWDA P B	1	2	3	4	5	6	7	8	9	10	
19	1SG12ME022	HARISH KUMAR S	1	2	3	4	5	6	7	8	9	10	
20	1SG12ME023	HARSHITH P	1	2	3	4	5	6	7	8	9	10	
21	1SG12ME024	HEMANTH.N.R	1	2	3	4	5	6	7	8	9	10	
22	1SG12ME026	KARTHIK PANCHAXRI	1	2	3	4	5	6	7	8	9	10	
23	1SG12ME027	KESHAVA BHARADWAJ K.S.	1	2	3	4	5	6	7	8	9	10	
24	1SG12ME028	KIRAN K G	1	2	3	4	5	6	7	8	9	10	
25	1SG12ME029	M C RAKESH	1	2	3	4	5	6	7	8	9	10	

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26	1SG12ME030	MANITH DHARVALA	1	2	3	4	5	6	7	8	9	10
27	1SG12ME031	MANOJ J	1	2	3	4	5	6	7	8	9	10
28	1SG12ME032	MOHAMED VASEEM AKRAM	1	2	3	4	5	6	7	8	9	10
29	1SG12ME033	NAGANATH T	1	2	2	3	4	5	6	7	8	9
30	1SG12ME034	NATARAJ V.G.	1	2	3	4	5	6	7	8	9	10
31	1SG12ME035	NAVEEN BHAT P	1	2	3	4	5	6	7	8	9	10
32	1SG12ME036	NIKHIL GOWDA	1	2	3	4	5	6	7	8	9	10
33	1SG12ME038	NITEESH ANANT HEGDE	1	2	3	4	5	5	6	7	8	9
34	1SG12ME039	NITHISH R.M.	1	2	3	4	5	6	7	8	9	10
35	1SG12ME040	PUNEETH SINGH TOMAR	1	2	3	4	5	6	7	8	9	10
36	1SG12ME041	R. DARSHAN KUMAR	1	2	3	4	5	6	7	8	9	10
37	1SG12ME042	RAJKUMAR	1	2	3	4	5	6	7	8	9	10
38	1SG12ME043	RAJATH KUMAR.R	1	2	3	4	5	6	7	8	9	10
39	1SG12ME044	RAMACHANDRA NAIK A L	1	2	3	4	5	6	7	8	9	10
40	1SG12ME045	RANJITH A	1	2	3	4	5	6	7	8	9	10
41	1SG12ME046	RISHAV KUMAR	1	2	3	4	5	6	7	8	9	10
42	1SG12ME049	SANKET MADEV NAIK	1	2	3	4	5	6	7	8	9	10
43	1SG12ME050	SANTHOSH KUMAR	1	2	3	4	5	6	7	8	9	10
44	1SG12ME051	SAURAV KUMAR	1	2	3	4	5	6	7	8	9	10
45	1SG12ME052	SHAFI AHMED	1	2	3	4	5	6	7	8	9	9
46	1SG12ME053	SHARAN SARGUR	1	2	3	4	5	6	7	8	9	10
47	1SG12ME054	SHUBHAM SAURAB	1	2	3	4	5	6	7	8	9	10
48	1SG12ME055	SRIRAM G N	1	2	3	4	5	6	7	8	9	10
49	1SG12ME056	SUBRAMANI S.N.	1	2	3	4	5	6	7	8	9	10
50	1SG12ME057	SUNITH S SHENOY	1	2	3	4	5	6	7	8	9	10
51	1SG12ME058	SUPRADEEP RAO MS	1	2	3	4	5	6	7	8	9	10
52	1SG12ME059	SURAJ B	1	2	3	4	5	6	7	8	9	10
53	1SG12ME061	VIKRAM KUMAR SINGH	1	2	3	4	5	6	7	8	9	10
54	1SG12ME062	VISHWACHETHAN M V	1	2	3	4	5	6	7	8	9	10
55	1SG12ME063	VIVEK H	1	2	3	4	5	6	7	8	9	10

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56	1SG12ME065	PAL SUSHANTH	1	2	3	4	5	6	7	8	9	10
57	1SG12ME066	SANDEEP S P	1	2	3	4	5	5	6	7	8	9
58	1SG13ME400	ARUN S	1	2	3	4	5	6	7	8	9	10
59	1SG13ME402	CHEETHAN G	1	2	3	4	5	6	7	8	9	10
60	1SG13ME403	HITESH PATIL S	1	2	3	4	5	6	7	8	9	10
61	1SG13ME404	JAYA RAJU B	1	2	3	4	5	6	7	8	8	9
62	1SG13ME405	NITISH K	1	2	3	4	5	6	7	8	9	10
63	1SG13ME406	KIRAN KUMAR GOWDA V.P	1	2	3	4	5	6	7	8	9	10
64	1SG13ME407	MOHITH N	1	2	3	4	5	6	7	8	9	10
65	1SG13ME408	RAKESHA G.R	1	2	3	4	5	6	7	8	9	10
66	1SG13ME409	SHIVAKUMAR H	1	2	3	4	5	6	7	8	9	10
67	1SG13ME410	SHIVAKUMAR M. AWARI	1	2	3	4	5	6	7	8	9	10
68	1SG13ME411	VINAY KUMAR R.S	1	2	3	4	5	6	7	8	9	10
69	1SG12ME067	ARUN KUMAR K M	1	2	3	4	5	6	7	8	9	10
70	1SG10ME054	VINISH KUMAR	1	2	3	4	5	6	7	8	9	10
71	1SG10ME062	ABHISHEK K K	1	2	3	4	5	6	7	8	9	10
72	1SG10ME064	ASHISH	1	2	3	4	5	5	6	7	8	9
73	1SG10ME065	SUBASH	1	2	3	4	5	6	7	8	9	10
74	1SG11ME001	ABHINAV	1	2	3	4	5	6	7	8	9	10
75	1SG11ME002	ABHISHEK RANJAN	1	2	3	4	5	6	7	8	9	10
76	1SG11ME003	AKASH G. C.	1	2	3	4	5	6	7	8	9	10
77	1SG11ME004	AKHILESH GUPTA	1	2	3	4	5	6	7	8	9	10
78	1SG11ME007	ARUN J.R.	1	2	3	4	5	6	7	8	9	10
79	1SG11ME013	CHEETHAN KUMAR P.G.	1	2	3	4	5	6	7	8	9	10
80	1SG11ME015	DEEPAK P. N.	1	2	3	4	5	6	7	8	9	10
81	1SG11ME017	G S R KANTA	1	2	3	4	5	6	7	8	9	10
82	1SG11ME019	GOUTHAM. G. N	1	2	3	4	5	6	7	8	9	10
83	1SG11ME020	GOPALKRISHNA K S	1	2	3	4	5	6	7	8	9	10
84	1SG11ME021	GOWTHAM M.V.	1	2	3	4	5	6	7	8	9	10
85	1SG11ME023	AGANNATH B.	1	2	3	4	5	6	7	8	9	0

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86	1SG11ME024	JAGMINDERPAL SINGH	1	1	2	3	4	5	6	7	8	9	
87	1SG11ME027	K MANOJ SARALAYA	1	2	3	4	5	6	7	8	9	10	
88	1SG11ME029	KISHORE. M R.	1	2	3	4	5	6	7	8	9	10	
89	1SG11ME030	KSHATRAPATI KUMAR	1	2	3	4	5	6	7	8	9	10	
90	1SG11ME032	MANOJ KUMAR M. R.	1	2	3	4	5	6	7	8	9	10	
91	1SG11ME033	MANOJ MANJUNATHA.	1	2	3	4	5	6	7	8	9	10	
92	1SG11ME037	NARENDRA M.N	1	2	2	3	4	5	6	7	8	9	
93	1SG11ME041	PAVAN MUDEGOWDRA	1	2	3	4	5	6	7	8	9	10	
94	1SG11ME042	POTHIGARA AMEIR	1	2	3	4	5	6	7	8	9	10	
95	1SG11ME043	PRAJANANDA V.	1	2	3	4	5	6	7	8	9	10	
96	1SG11ME044	R N PREETHI.	1	2	3	4	5	6	7	8	9	10	
97	1SG11ME046	RAJAT	1	2	3	4	5	6	7	8	9	10	
98	1SG11ME047	RAJESH KUMAR	1	2	3	3	4	5	6	7	8	9	
99	1SG11ME048	RAVITEJA. G	1	2	3	4	5	6	7	8	9	10	
100	1SG11ME049	REHAN SIDDIQUEI	1	2	3	4	5	6	7	8	9	10	
101	1SG11ME052	SADASHIVA. C.	1	2	3	4	5	6	7	8	9	10	
102	1SG11ME053	SHREYAS B.N	1	2	3	4	5	6	7	8	9	10	
103	1SG11ME054	SONU KUMAR	1	2	3	4	5	6	7	8	9	10	
104	1SG11ME055	SUJIT G K.	1	2	3	4	5	6	7	8	9	10	
105	1SG11ME057	SURYA DARSHAN M.	1	2	3	4	5	6	7	8	9	10	
106	1SG11ME058	SYED MUZZAMMIL AHMED	1	2	3	4	5	6	7	8	9	10	
107	1SG11ME060	VIVEK KUMAR SINHA	1	2	3	4	5	6	7	8	9	10	
108	1SG11ME061	VIVEK KUMAR SRIVASTAVA	1	2	3	4	5	6	7	8	9	10	
109	1SG11ME062	VIVEKANAND K.	1	2	3	3	4	5	6	7	8	9	
110	1SG11ME064	CHANDAN R.S	1	2	3	4	5	6	7	8	9	10	
111	1SG12ME400	ABHILASH T	1	2	3	4	5	6	7	8	9	10	
112	1SG12ME401	ABZAL PASHA	1	2	3	4	5	6	7	8	8	9	
113	1SG12ME402	ANIL KUMAR G	1	2	3	4	5	6	7	8	9	10	
114	1SG12ME403	ARADHYA G S	1	2	3	4	5	6	7	8	9	10	
115	1SG12ME404	KARTHIK T.R	1	2	3	4	5	6	7	8	9	10	

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116	1SG12ME405	KIRAN K JMA K.S	1	2	3	4	5	6	7	8	9	10
117	1SG12ME406	NAGESH B N	1	2	3	3	4	5	6	7	8	9
118	1SG12ME407	NAVEEN P.C	1	2	3	4	5	6	7	8	9	10
119	1SG12ME408	PATIL SHIVAPUTRA GOUDA	1	2	3	4	5	6	7	8	9	10
120	1SG12ME409	PAVAN KUMAR L G	1	2	3	4	5	6	7	8	9	10
121	1SG12ME411	SUNIL A	1	2	3	4	5	6	7	8	9	10
122	1SG12ME412	SHIVA R	1	2	3	4	4	5	6	7	8	9
123	1SG12ME413	PARTHIV PATEL	1	2	3	4	5	6	7	8	9	10
124	1SG11ME028	KALYAN CHAKRAVARTHI	1	2	3	4	5	6	7	8	9	10
125	1SG11ME039	NITISH KUMAR CHUBEY	1	2	3	4	5	6	7	8	9	10
126	1SG10ME034	RAKES H V	1	2	3	4	5	6	7	8	9	10
127	1SG10ME056	VIVEK T	1	2	3	4	5	6	7	8	9	10
128	1SG10ME063	AKABAR RAH JL	1	2	3	4	5	5	6	7	8	9
129	1SG11ME018	GAURAV KUMAR	1	2	3	4	5	6	7	8	9	10
SIGNATURE												


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 Mechanical Engineering

Five days Certification Program on "Design of machine elements"

Test Time Table

Sl. No.	DATE	DAY	TIMINGS
1	2-08-2014	Saturday	10.00 AM- 11.00 AM

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

Principal
Sapthagiri College of Engineering
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Department of Mechanical Engineering

Five days Certification Program on "Design of machine elements"

Question Paper

- 1- _____ is used to transmit the torque between the shaft and the adjoining machine part like gear, pulley or sprocket.
(A) Bearing (B) Key (C) Power screw (D) Any of the above
- 2- _____ is used to support the rotating shaft and confine its motion.
(A) Bearing (B) Key (C) Power screw (D) Any of the above
- 3- Which of the following factors is considered for selecting a material.
(A) Availability (B) Mechanical properties (C) Cost (D) all of the above
- 4- Transmission shafts are made up of
(A) Cast iron (B) Plain carbon steel (C) Low carbon steel (D) Nickel chromium steel
- 5- Flywheel and engine block is made up of
(A) Cast iron (B) Plain carbon steel (C) Low carbon steel (D) Nickel chromium steel
- 6- The crank shaft and connecting rods are made up of
(A) Cast iron (B) Plain carbon steel (C) Low carbon steel (D) Nickel chromium steel
- 7- Components made of brittle materials fails because of
(A) Sudden fracture (B) Yielding (C) Elastic deflection (D) All of the above
- 8- The following item(s) is (are) produced by the craft evolution process.
(A) Rowing boat (B) Musical instruments (C) Bullock cart (D) All of the above
- 9- The main objective of design synthesis is
(A) Maximization (B) Minimization (C) Optimization (D) None of the above
10. If welds are designed with in-plane eccentric load, then eccentric load can be replaced by _____
(A) parallel force (B) twisting moment (C) Both a & b (D) None of the above
11. Determine number of coils in a helical compression spring, if modulus of rigidity is 80 Gpa and spring stiffness is 50 N/mm. Assume wire diameter and spring index as 8 and 5 respectively.
(A) 4.18 turns (B) 12.8 turns (C) 13.3 turns (D) 14 turns
12. Solid length for helical compression springs having square and ground ends is given as
(A) $(n-2)d$ (B) $(n+3)d$ (C) $(n+1)d$ (D) all of the above
13. Static load is defined as the load acting on the bearing when shaft is _____
(A) Stationary (B) Rotating rpm < 10 (C) Rotating rpm < 5 (D) None of the above
14. The bearing is subjected to a radial load of 4000N. Expected life for 90% bearings is 9000h and shaft is rotating at 1500rpm. Calculate the dynamic load capacity.
(A) 42.21 KN (B) 37.29 KN (C) 26.33 KN (D) 35.33 KN
15. When bevel gears connect two shafts whose axes intersect at an angle greater than a right angle and one of the bevel gears has a pitch angle of 90°, then they are known as
(A) Angular (B) Crown (C) Internal (D) Mitre

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Solution

1. key
2. Bearing
3. All of the Above
4. Plain carbon steel
5. Cast iron
6. Nickel chromium steel
7. Sudden fracture
8. All of the above
9. Optimization
10. Both a & b
11. 12.8 turns
12. $(n+2) d$
13. Stationary
14. 37.29 KN
15. Crown

Approved by Academic Committee Members & HOD

Sl No.	Faculty Name	Designation	Signature
1	Prof. Siddesh Naik	Assistant Professor	
2	Prof. Ramkumar M	Assistant Professor	
3	Prof. Ramesh. N G	Assistant Professor	
4	Prof. Mithun P S	Assistant Professor	
5	Prof. Tulsidas. D	Guest Speaker	

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

Five days Certification Program on "Design of machine elements"

Question Paper

1. ☒ is used to transmit the torque between the shaft and the adjoining machine part like gear, pulley or sprocket.
(A) Bearing (B) Key (C) Power screw (D) Any of the above
2. ☒ is used to support the rotating shaft and confine its motion.
(A) Bearing (B) Key (C) Power screw (D) Any of the above
3. Which of the following factors is considered for selecting a material.
(A) Availability (B) Mechanical properties (C) Cost (D) All of the above
4. Transmission shafts are made up of
(A) Cast iron (B) Plain carbon steel (C) Low carbon steel (D) Nickel chromium steel
5. Flywheel and engine block is made up of
(A) Cast iron (B) Plain carbon steel (C) Low carbon steel (D) Nickel chromium steel
6. The crank shaft and connecting rods are made up of
(A) Cast iron (B) Plain carbon steel (C) Low carbon steel (D) Nickel chromium steel
7. Components made of brittle materials fails because of
(A) Sudden fracture (B) Yielding (C) Elastic deflection (D) All of the above
8. The following item(s) is (are) produced by the craft evolution process.
(A) Rowing boat (B) Musical instruments (C) Bullock cart (D) All of the above
9. The main objective of design synthesis is
(A) Maximization (B) Minimization (C) Optimization (D) None of the above
10. If welds are designed with in-plane eccentric load, then eccentric load can be replaced by
(A) parallel force (B) twisting moment (C) Both a & b (D) None of the above
11. Determine number of coils in a helical compression spring, if modulus of rigidity is 80 GPa and spring stiffness is 50 N/mm. Assume wire diameter and spring index as 8 and 5 respectively.
(A) 11.8 turns (B) 12.8 turns (C) 13.3 turns (D) 14 turns
12. Solid length for helical compression springs having square and ground ends is given as
(A) $(n+2)d$ (B) $(n+3)d$ (C) $(n+1)d$ (D) all of the above
13. Static load is defined as the load acting on the bearing when shaft is ____
(A) Stationary (B) Rotating $\text{rpm} < 10$ (C) Rotating $\text{rpm} < 5$ (D) None of the above
14. The bearing is subjected to a radial load of 4000N. Expected life for 90% bearings is 9000h and shaft is rotating at 1500rpm. Calculate the dynamic load capacity.
(A) 42.21 KN (B) 37.29 KN (C) 26.33 KN (D) 35.33 KN
15. When bevel gears connect two shafts whose axes intersect at an angle greater than a right angle and one of the bevel gears has a pitch angle of 90° , then they are known as
(A) Angular (B) Crown (C) Internal (D) Mitre

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Five days Certification Program on "Design of machine elements"

Question Paper

1. Key is used to transmit the torque between the shaft and the adjoining machine part like gear, pulley or sprocket.
(A) Bearing (B) ~~Key~~ (C) Power screw (D) Any of the above
2. Bearing is used to support the rotating shaft and confine its motion.
(A) ~~Bearing~~ (B) Key (C) Power screw (D) Any of the above
3. Which of the following factors is considered for selecting a material.
(A) Availability (B) Mechanical properties (C) Cost (D) ~~all of the above~~
4. Transmission shafts are made up of
(A) Cast iron (B) ~~Plain carbon steel~~ (C) Low carbon steel (D) Nickel chromium steel
5. Flywheel and engine block is made up of
(A) Cast iron (B) ~~Plain carbon steel~~ (C) Low carbon steel (D) Nickel chromium steel
6. The crank shaft and connecting rods are made up of
(A) Cast iron (B) Plain carbon steel (C) Low carbon steel (D) ~~Nickel chromium steel~~
7. Components made of brittle materials fails because of
(A) ~~Sudden fracture~~ (B) Yielding (C) Elastic deflection (D) All of the above
8. The following item(s) is (are) produced by the craft evolution process.
(A) Rowing boat (B) Musical instruments (C) Bullock cart (D) ~~All of the above~~
9. The main objective of design synthesis is
(A) Maximization (B) Minimization (C) ~~Optimization~~ (D) None of the above
10. If welds are designed with in-plane eccentric load, then eccentric load can be replaced by
(A) parallel force (B) twisting moment (C) ~~Both a & b~~ (D) None of the above
11. Determine number of coils in a helical compression spring, if modulus of rigidity is 80 Gpa and spring stiffness is 50 N/ mm. Assume wire diameter and spring index as 8 and 5 respectively.
(A) ~~11.8 turns~~ (B) 12.8 turns (C) 13.3 turns (D) 14 turns
12. Solid length for helical compression springs having square and ground ends is given as
(A) ~~(n+2) d~~ (B) (n+3) d (C) (n+1) d (D) all of the above
13. Static load is defined as the load acting on the bearing when shaft is _____
(A) ~~Stationary~~ (B) Rotating rpm < 10 (C) Rotating rpm < 5 (D) None of the above
14. The bearing is subjected to a radial load of 4000N. Expected life for 90% bearings is 9000h and shaft is rotating at 1500rpm. Calculate the dynamic load capacity.
(A) 42.21 KN (B) ~~37.29 KN~~ (C) 26.33 KN (D) 35.33 KN
15. When bevel gears connect two shafts whose axes intersect at an angle greater than a right angle and one of the bevel gears has a pitch angle of 90°, then they are known as
(A) Angular (B) ~~Crown~~ (C) Internal (D) Mitre

14
15

Principal

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

2016-17



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

Department of Mechanical Engineering

Five days Certification Program on "Design of machine elements"

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:

Balaji Gowda T

Student Signature:

Balaji

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8. Any Suggestions:

Student Name:

Gagan G

Student Signature:

Gagan G

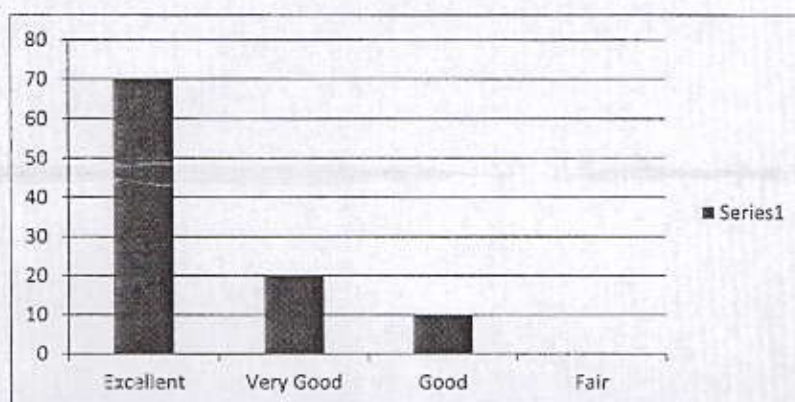
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FEEDBACK ANALYSIS

Certification Programme: "Design of machine elements"

No. of students participated	Student Feedback			
	Excellent	Very Good	Good	Fair
129	70	20	10	0



Action Report:


70 % of students were completely happy with the certification program and 20 % 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 S. Nand
Department of Mechanical Engineering
Sapthagiri College of Engineering
Bengaluru - 560 057


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

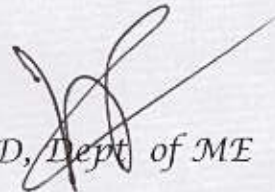


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Bangalore-560057

Certificate

This is to Certify that Mr./Ms. Arjun S
of Mechanical Engineering has participated
and successfully completed Five days Certification Course on
"*DESIGN OF MACHINE ELEMENTS*" from 28 July, 2014 to 1
August 2014 organized by the Department of mechanical Engineering,
Sapthagiri College of Engineering.


HOD, Dept of ME


Principal
Sapthagiri College of Engineering
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Bengaluru - 560 057


Principal



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Bangalore-560057

Certificate

This is to Certify that Mr./Ms. Rajath
of Mechanical Engineering has participated
and successfully completed Five days Certification Course on
"*DESIGN OF MACHINE ELEMENTS*" from 28 July, 2014 to 1
August 2014 organized by the Department of mechanical Engineering,
Sapthagiri College of Engineering.


HOD, Dept of ME


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Bengaluru - 560 057


Principal



Sapthagiri College of Engineering

Bangalore-560057

Certificate

This is to Certify that Mr./Ms. _____
of _____ has participated
and successfully completed Five days Certification Course on
"*DESIGN OF MACHINE ELEMENTS*" from 28 July, 2014 to 1
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HOD, Dept of ME

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Department of Mechanical Engineering

Certificate Course Report

Department of mechanical Engineering conducted Certificate Course on Design of machine elements

Guest Speaker: Prof. Tulsidas D, Asst. Professor- VKIT, Bangalore.

Duration of the course: five days from July 28th 2014 to August 1st 2014

Course detail

Objective of the Course: The five day course made the students to be familiar with the Design of machine elements for Solving structural and thermal problems, which is a main platform for their career. Certificate Course became the vital step to improve the knowledge of students. 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)
28-7-2014 Monday	steady stresses and variable stresses in machine members	Design of shafts and couplings
29-7-2014 Tuesday	Design of Temporary and permanent joints	Design of energy storing elements and engine components
30-7-2014 Wednesday	Design of Bearings	Design of curved beams
31-7-2014 Thursday	Design of Gear drives	Design of Clutches, Design of Brakes
1-8-2014 Friday	Design of Lubrication and Bearings	Design of Anti friction bearings

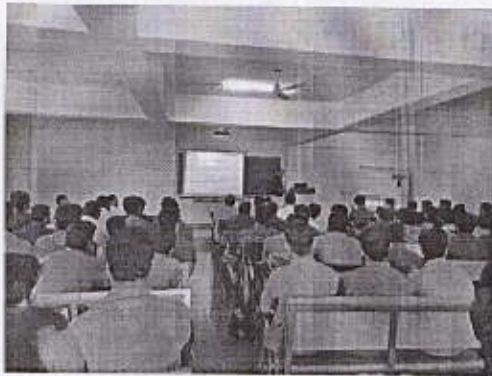
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Conclusion: Students were happy overall session Design skills delivered by the guest. Faculty members were also equally benefited with the course. They felt more expedient while delivering the lectures as the margin was erased between these students and others.



Glimpse of the Course


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