



SAPTHAGIRI COLLEGE OF ENGINEERING
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

DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR

Date: 15/05/2023

Subject: Academic committee members meeting for analyzing curriculum syllabus of Academic Year 2022-23.

This is to inform that there will be a meeting of Academic committee members for analyzing curriculum syllabus of academic year 2022-23. The meeting is scheduled on 16/05/2023 at 10.00 am in HOD's chamber.

Sl No.	Faculty Name	Designation	Signature
1	Dr. Rajeshwari R	HOD	
2	Prof. Pallavi G A	Assistant Professor	
3	Prof. Nandini I V	Assistant Professor	


HOD

**HOD, Dept. of Civil Engg.
S.C.E, Bangalore-560 057**


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



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DEPARTMENT OF CIVIL ENGINEERING

Date: 16/05/2023

MINUTES OF MEETING

With reference to circular dated on 15/05/2023, the academic committee member assembled in HOD's chamber for addressing the following agenda.

Agenda:

- Reviewing the analysis of department curriculum syllabus of Academic Year 2022-23
- Identifying the gaps
- Action to be taken for the identified gaps.

During the meeting the following members were present

Sl No.	Faculty Name	Designation
1	Dr. Rajeshwari R	HOD
2	Prof. Pallavi G A	Assistant Professor
3	Prof. Nandini I V	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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


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DEPARTMENT OF CIVIL ENGINEERING


SL.NO	SEM	Course Title	Identified Gap
1	4 th Semester	Course on – Building materials and construction	Lack of practical Knowledge on Testing of materials

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 to overcome the gaps identified in the curriculum/syllabus.

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DEPARTMENT OF CIVIL ENGINEERING

Date: 20/05/2023

From,

The HOD,
Department of Civil Engineering,
Sapthagiri College of Engineering,
Bengaluru-560057

To,

The Principal,
Sapthagiri College of Engineering,
Bengaluru-560057

Respected Sir,

Subject: Requisition for the approval to conduct Certification Program for 4th sem students.

Department of Civil Engineering has planned to conduct 30 hours certification program on "Building Materials and Construction (Theory and Testing)" from June 2023 for 4th semester students. So, I request you to kindly consider and approve the same so as to proceed further.


Thanking you,

Course Coordinators


Prof. Kavya H P

Prof. Priyanka A

Yoursfaithfully,


20/5/23


Principal


20/05/23
HOD CIVIL

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DEPARTMENT OF CIVIL ENGINEERING

Date: 20/05/2023

To

IQAC

Sapthagiri College of Engineering

Bengaluru-560 057

Respected sir/madam,

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

With respect to the Academic committee members meeting was held for analyzing department curriculum/syllabus for the academic year 2022-23. The committee members identified few gaps after analyzing the syllabus and feedback from the stakeholders. To bridge the gaps identified in the curriculum, the committee members decided to conduct a certification course for the academic year 2022-23. So, I request you to forward and get the approval from the governing council for the same.

Thanking You,

*forwarded for GC approval and
ratification. [Signature]*
IQAC - Co-ordinator
Sapthagiri College of Engineering
Bengaluru - 560 057.

[Signature]

HOD

HOD, Dept. of Civil Engg.
S.C.E, Bangalore-560 057

[Signature]
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DEPARTMENT OF CIVIL ENGINEERING


Date: 22-05-2023

CIRCULAR

This is to inform that the following Academic Committee members are requested to attend the meeting on 23/05/2023 at 10.30AM in the HODs chamber to decide the Guest Speaker, syllabus and the lesson plan for the certification program on "Course on Building Materials and construction".

Sl No.	Faculty Name	Designation	Signature
1	Dr. Rajeshwari R	HOD	
2	Prof. Pallavi G A	Assistant Professor	
3	Prof. Nandini I V	Assistant Professor	


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DEPARTMENT OF CIVIL ENGINEERING
Minutes of Meeting

A meeting was conducted on 16-May-2023 in Civil HODs Chamber to discuss and approve the following about the 13 days Certification Course for 4th semester CV Students.

Course Title- Course on Building Materials and Construction

Program Coordinator: Prof. Kavya H P and Prof Priyanka A

Resource Person: Prof. Kavya H P and Prof Priyanka A, Sapthagiri College of Engineering, Department of Civil Engineering Bengaluru.

Course Duration & Date: 13 Days (weekly one class) from 09- June-2022 to 28 -August-2022

Syllabus: Different tests on building materials using in construction.

Lesson Plan of the certification program

Day	Time	Topics to be covered
Day 1 09/06/2023	1.45 pm to 4.30pm	Introduction about the building materials
Day 2 23/06/2023	1.45 pm to 4.30pm	Introduction about different material testing
Day 3 30/06/2023	1.45 pm to 4.30pm	Different types of tests conducted in laboratory
Day 4 7/7/2023	1.45 pm to 4.30pm	Tests on bricks –Absorption test, Crushing strength test, Hardness test
Day 5 11/7/2023	1.45 pm to 4.30pm	Tests on bricks-Shape & size, Color test, Soundness test
Day 6 21/7/2023	1.45 pm to 4.30pm	Tests on Cement- Standard consistency test, Compressive strength test, Specific gravity test





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DEPARTMENT OF CIVIL ENGINEERING

Day 7 28/7/2023	1.45 pm to 4.30pm	Tests on Cement- Heat of hydration test, Field test on cement
Day 8 1/8/2023	1.45 pm to 4.30pm	Tests on Coarse aggregates- Aggregate crushing strength, Flakiness test
Day 9 4/8/2023	1.45 pm to 4.30pm	Tests on Coarse - Soundness test, Elongation test
Day 10 8/8/2023	1.45 pm to 4.30pm	Tests on Coarse aggregates – Specific gravity test, Water absorption test
Day 11 18/8/2023	1.45 pm to 4.30pm	Tests on Fine aggregates- Sieve analysis, Water absorption
Day 12 21/8/2023	1.45 pm to 4.30pm	Tests on Fine aggregates-Crushing value test
Day 13 28/8/2023	1.45 pm to 4.30pm	Tests on Fine aggregates- Water absorption test

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

Sl No.	Faculty Name	Designation	Signature
1	Dr. Rajeshwari R	HOD	
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3	Prof. Nandini I V	Assistant Professor	


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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

As a part of programming skill development, Department of Civil Engineering is conducting thirteen days Certification Course on "Building Materials and Construction" from 09-June-2023 to 28-Aug-2023 for 4th Semester civil students. The interested Students enroll your names with Prof . Priyanka A

Signature of HOD

**HOD, Dept. of Civil Engg.
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DEPARTMENT OF CIVIL ENGINEERING
Thirteen days Certification Course on "Building Materials and Construction"

Students Enrollment

SL.NO.	USN	STUDENT NAME
1	1SG21CV001	ABHIPRIYA KUMAR SINGH
2	1SG21CV002	CHARANRAJ M
3	1SG21CV004	DHANUSH M
4	1SG21CV005	DHANUSH MN
5	1SG21CV007	GAYATHRI SATISH
6	1SG21CV008	GNANESH S
7	1SG21CV009	GURUPRASAD M
8	1SG21CV010	GURUPRASADA G
9	1SG21CV011	JEEVAN GOWDA K M
10	1SG21CV012	LALITHA KALA G
11	1SG21CV013	LOKESH R
12	1SG21CV014	MADHUMITHA M
13	1SG21CV015	MANASA V
14	1SG21CV016	MOHITH R
15	1SG21CV017	NANDITHA C PATIL
16	1SG21CV018	NETHRESH P
17	1SG21CV019	PRAJWAL KOLKAR
18	1SG21CV020	RAHUL A
19	1SG21CV021	REVANTH P
20	1SG21CV022	RUSHAB H C
21	1SG21CV023	SAKET ANAND
22	1SG21CV024	SANJAY L N
23	1SG21CV025	SHASHANK B A
24	1SG21CV026	SHILPASHREE K
25	1SG21CV027	SHREYAS S R
26	1SG21CV029	SUPRITHA S
27	1SG21CV030	TEJAS P
28	1SG21CV031	VINAY KUMAR G
29	1SG21CV400	ANKITHA V L
30	1SG21CV401	LIKHITH M R
31	1SG21CV402	RAJESH K J
32	1SG21CV403	RAKESH H J
33	1SG21CV404	RANJITH KUMAR D N


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BMC

Initial

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Class : IV Sec : Subject : Certificate in Cinema Code : DML

Sl. No	USN	NAME	9/6	23/6	30/6	7/7	12/7	21/7	28/7	4/8	11/8
			1	2	3	4	5	6	7	8	9
1	026	Shilpaashree	1	2	3	4	5	6	7	8	9
2	027	Shreyas R	0	0	1	1	2	2	3	4	5
3	029	Supritra S	1	2	3	4	5	6	7	8	9
4	030	Tijas . P	1	2	3	4	5	5	6	7	8
5	031	Vinay Kumar G	1	2	3	3	4	5	6	7	8
6	400	Ankitha	1	2	3	4	5	6	7	8	9
7	401	Likith	1	2	3	4	5	5	6	7	8
8	402	Rajesh	1	2	3	4	5	5	6	7	8
9	403	Rakesh	1	2	3	4	5	6	6	7	8
10	404	Ranjith Kumar .	1	2	3	4	5	6	6	7	8
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AY: 2022-2023

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Phone: 080-28 372800/1/2, Fax: 080-28 372797

DEPARTMENT OF CIVIL ENGINEERING

Course Assessment Time Table

ROOM NO – ALH 411

DATE	TIMINGS	SEMESTER
04/09/2023 Monday	11.50 AM- 12.50 PM	4 TH SEM

[Signature]

Signature of Coordinators

[Signature]
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Bengaluru - 560 057

Signature of HOD

HOD, Dept. of Civil Engg.
S.C.E, Bangalore-560 057

NAME: SHASHANK B-A

SEM: V

USN: 18C2K025

BUILDING MATERIALS AND DTESTING

QUIZ - CERTIFICATION COURSE

8
20

Guaranteed M

1. Number of bricks required for one cubic meter of brick masonry is
 - a) 400 bricks
 - b) 450 bricks
 - c) 500 bricks
 - d) 350 bricks
2. The minimum compressive strength of 2nd class bricks should be
 - a) 75 Kg/m²
 - b) 90 Kg/m²
 - c) 100 Kg/m²
 - d) 120 Kg/m²
3. Addition of pozzalona to ordinary Portland cement
 - a) Bleeding
 - b) Shrinkage
 - c) Permeability
 - d) Heat of hydration
4. Which of the following is having more fire resistance characteristics?
 - a) Marble
 - b) Limestone
 - c) Compact sand stone
 - d) Granite
5. The proportions of lime and sand in mortar normally used in brick construction
 - a) 1:2
 - b) 1:6
 - c) 1:4
 - d) 1:8
6. Bitumen felt is used for
 - a) Water proofing
 - b) Damp Proofing
 - c) Both a) & b)
 - d) Neither a) nor b)
7. Percentage of carbon content in mild steel is
 - a) less than 0.25
 - b) Between 0.25 to 0.7
 - c) Between 0.7 to 1.5
 - d) Greater than 1.5
8. Minimum thickness of wall where single Flemish bond can be used is
 - a) Half brick thick
 - b) One brick thick
 - c) One and half brick thick
 - d) Two brick thick
9. The main constituent of Fly ash is
 - a) Aluminium oxide
 - b) Silica
 - c) Ferrous Oxide
 - d) All of these
10. According to IS 399-1963 the weight of the timber is specified at
 - a) 8% moisture content
 - b) 10% moisture content
 - c) 12% moisture content
 - d) 14% moisture content

d 0

b 0

c 0

c -1-

c 0

c -1-

a -1-

a 0

d -1-

a 0

NAME: Likhitha M.R

SEM: 5th Sem USN: 15E220401

BUILDING MATERIALS AND DTESTING

QUIZ - CERTIFICATION COURSE

7
20

Gayathri Sathish

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 - b) Silica
 - c) Ferrous Oxide
 - d) All of these
10. According to IS 399-1963 the weight of the timber is specified at
 - a) 8% moisture content
 - b) 10% moisture content
 - c) 12% moisture content
 - d) 14% moisture content

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1

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NAME: Ankeetha.V.L

SEM: 5th

USN: 1SG22CV400

06

20

BUILDING MATERIALS AND DTESTING

QUIZ –CERTIFICATION COURSE

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 - d) All of these
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 - a) 8% moisture content
 - b) 10% moisture content
 - c) 12% moisture content
 - d) 14% moisture content

a) ✗

b) ✗

d) ✗

b) ✗

c) ✗

b) ✗

a) ✗

c) ✗

c) ✗

a) ✗

NAME: DHANUSH.M

SEM: 5th

USN: 18G21C1004

1)

20

BUILDING MATERIALS AND DTESTING

QUIZ -CERTIFICATION COURSE

Tejas

1. Number of bricks required for one cubic meter of brick masonry is
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 - b) 10% moisture content
 - c) 12% moisture content
 - d) 14% moisture content

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DEPARTMENT OF CIVIL ENGINEERING

Report on Certification Course

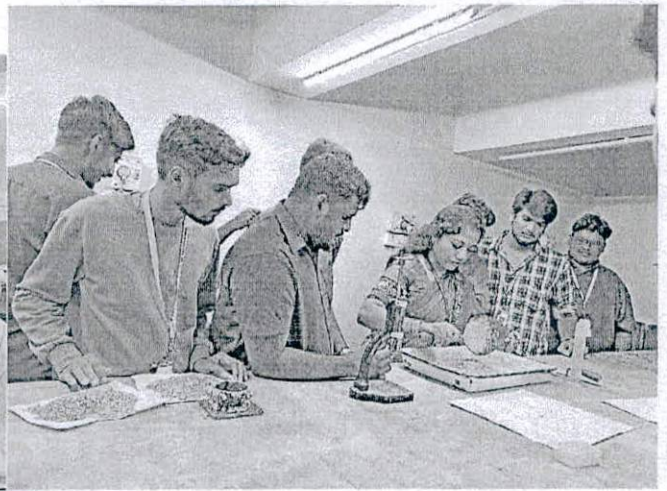
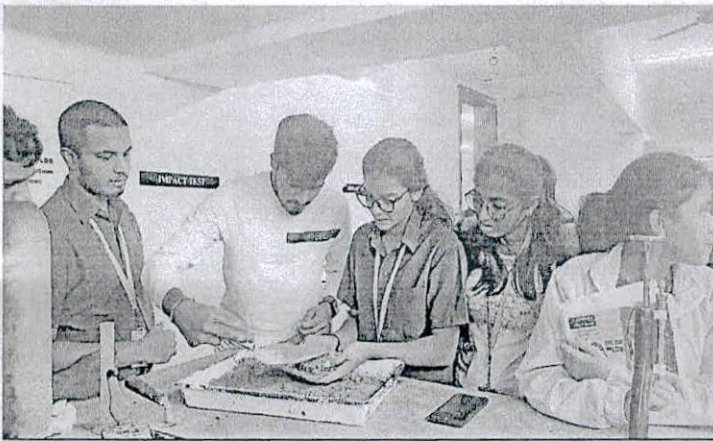
Type of Event/Activity	Certification course
Name/Title of the Event / Activity	Basic Material and Construction
Date of Conduction	9.6.2023 to 28.8.2023
Venue(with address)	Academic Block & Concrete Lab
Organized by	Department of Civil Engineering
Objectives of the event/activity	Introduction to basic materials and hands on session
Participants	33

Description:

The department organized a course on an introduction to basic materials and construction techniques with hands on training on basic materials. Tests on cement, aggregates and primary information about materials were thought in the course.. certificate has been issued on basis of attendance and performance in quiz.



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

Photos :



Students conducting tests on basic materials


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Sapthagiri College of Engineering
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Bengaluru - 560 057


Signature of the HOD
HOD, Dept. of Civil Engg.
S.C.E, Bangalore-560 057

DEPARTMENT OF CIVIL ENGINEERING


CERTIFICATE OF COURSE COMPLETION


This is awarded to certify that

Shashank B A

bearing USN ISG21CV025 has completed course in
"BUILDING MATERIALS AND CONSTRUCTION"
conducted from June to August 2023 at
Sapthagiri College of Engineering, Bengaluru.


Prof. Kavya H P & Prof. Priyanka A
CO ORDINATORS


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


Dr. Rajeshwari R
HOD



SAPTHAGIRI COLLEGE OF ENGINEERING

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14/5, HESARGHATTA MAIN ROAD, BANGALORE- 560057



DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE OF COURSE COMPLETION


This is awarded to certify that

Guruprasad M

bearing USN ISG2ICV009 has completed course in
"BUILDING MATERIALS AND CONSTRUCTION"
conducted from June to August 2023 at
Sapthagiri College of Engineering, Bengaluru.


Prof. Kavya H P & Prof. Priyanka A
CO ORDINATORS


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


Dr. Rajeshwari R
HOD



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DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE OF COURSE COMPLETION

This is awarded to certify that

Dhanush M

bearing USN ISG2ICV004 has completed course in
"BUILDING MATERIALS AND CONSTRUCTION"
conducted from June to August 2023 at
Sapthagiri College of Engineering, Bengaluru.

Kavya H P *Priyanka A*
Prof. Kavya H P & Prof. Priyanka A
CO ORDINATORS

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

R
Dr. Rajeshwari R
HOD



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DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE OF COURSE COMPLETION

This is awarded to certify that

Gayathri Satish

bearing USN ISG2ICV007 has completed course in
"BUILDING MATERIALS AND CONSTRUCTION"
conducted from June to August 2023 at
Sapthagiri College of Engineering, Bengaluru.

Kavya H P
Priyanka A
Prof. Kavya H P & Prof. Priyanka A

CO ORDINATORS

B
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road
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R
Dr. Rajeshwari R

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DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE OF COURSE COMPLETION

This is awarded to certify that

Charanraj M

bearing USN ISG21CV002 has completed course in
"BUILDING MATERIALS AND CONSTRUCTION"
conducted from June to August 2023 at
Sapthagiri College of Engineering, Bengaluru.

Prof. Kavya H P & Prof. Priyanka A

CO ORDINATORS

Principal
Sapthagiri College of Engineering
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Bengaluru

Dr. Rajeshwari R

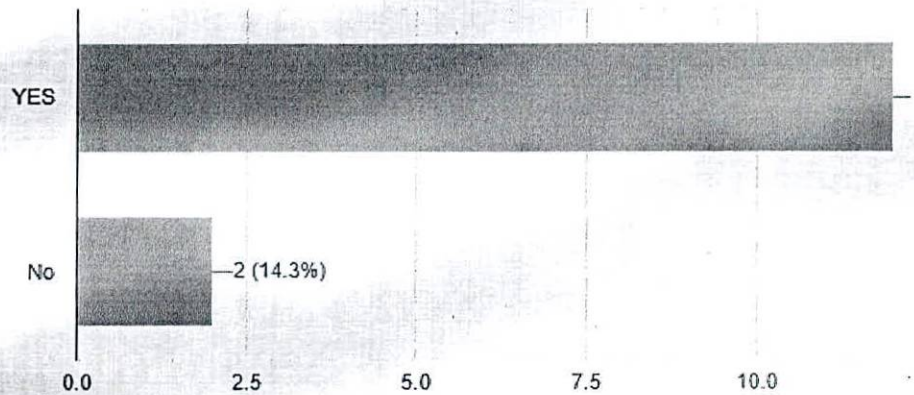
HOD

DEPARTMENT OF CIVIL ENGINEERING

FEEDBACK ANALYSIS –Building Materials & Construction Course

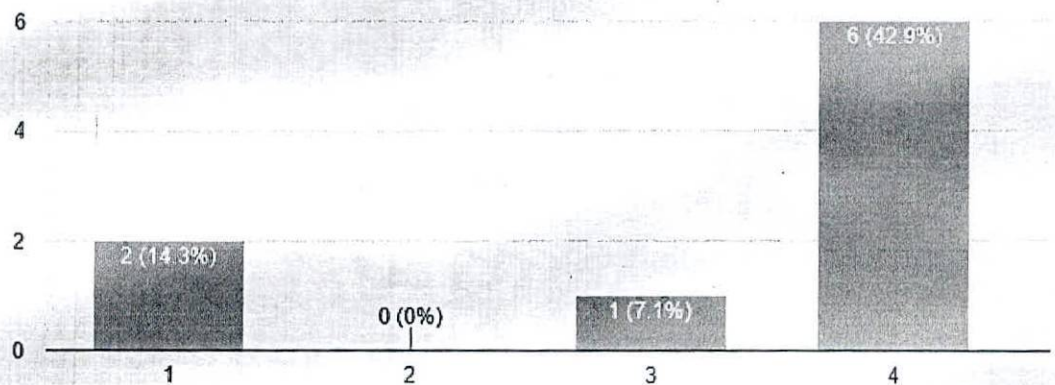
1) Do you feel that your knowledge or skills have improved by taking the course?
(Yes/No).

14 responses



2) How would you rate your trainer's expertise?

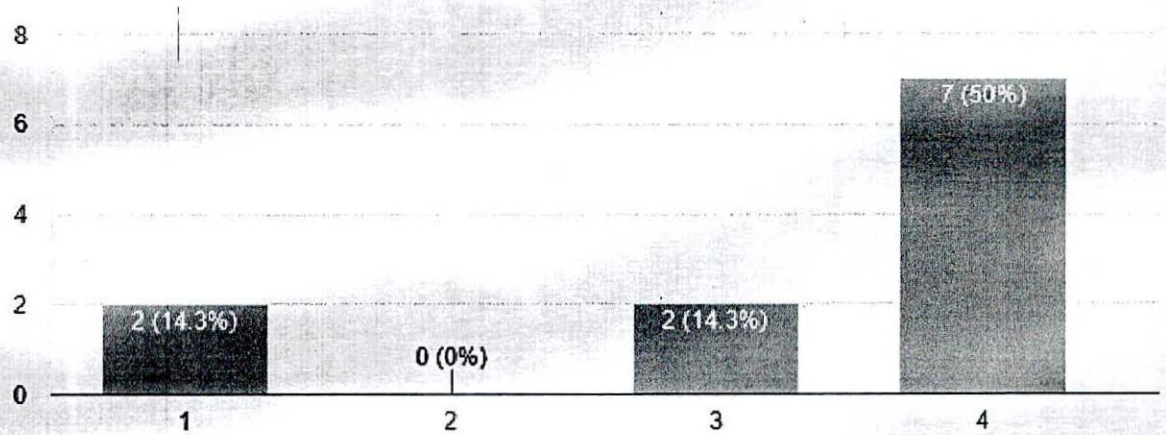
14 responses




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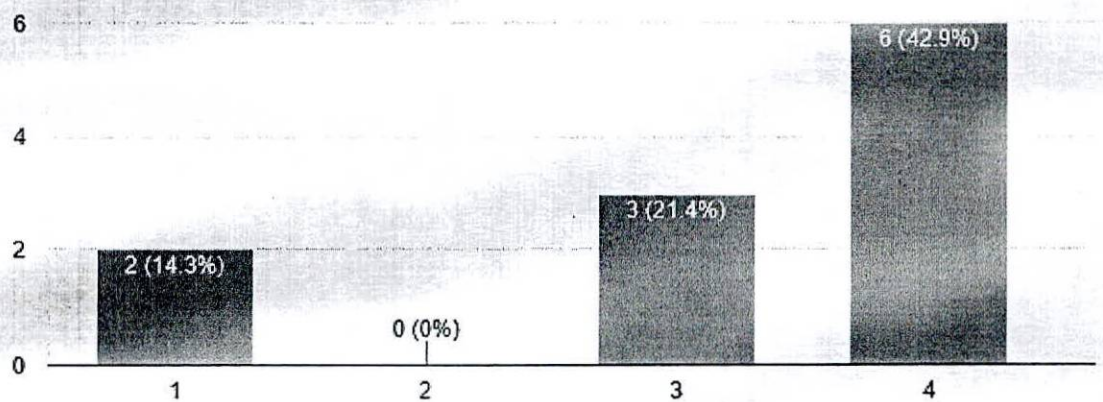
4) How would you rate quality of the content consistency throughout the course?

14 responses



5) 6) How would you rate your overall learning experience?

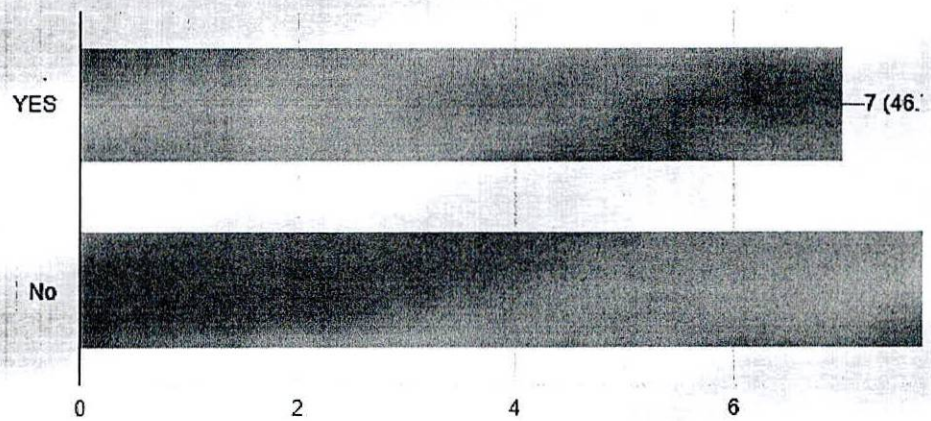
14 responses




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5) Did you have enough time to complete the training.

15 responses



Principal

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& ISO 9001:2015 and ISO 14001:2015 Certified Institution
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

DEPARTMENT OF CIVIL ENGINEERING

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 Coordinators


Principal
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HOD
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