

SRI VENKATESWARA COLLEGE OF ENGINEERING DEPARTMENT OF CIVIL ENGINEERING



Report of Webinar on "OPPORTUNITIES FOR CIVIL, MECHANICAL AND ELECTRICAL ENGINEERS IN CONSTRUCTION MANAGEMENT SECTOR"

Organised in association with

INDIAN CONCRETE INSTITUTE (ICI – CHENNAI CENTRE)



28.02.2022

Coordinator

Mr. A. Vijay Vignesh

(AP/Civil)

Convenor

Dr. R. Kumutha

HoD/Civil Engg.



SRI VENKATESWARA COLLEGE OF ENGINEERING

(An Autonomous Institution affiliated to Anna University, Chennai)
Pennalur, Sriperumbudur Tk – 602 117



DEPARTMENT OF CIVIL ENGINEERING

Report of the Webinar on "Opportunities for Civil, Mechanical and Electrical Engineers in Construction Management Sector"

Date : 28.02.2022 (Monday) Time : 12.00 – 02.00 P.M

Mode : Online through Google Meet

Meeting Link: meet.google.com/bkn-nbjx-krg

Speakers

1) Dr. Mahesh Balasubramani

Assistant Professor NICMAR, Hyderabad

2) Prof. V. Vishnu Namboodiri

Assistant Professor NICMAR, Hyderabad

Convenor & Organizing Secretary

Dr. R. Kumutha, Professor & Head/Civil Engineering

Coordinator

Mr. A. Vijay Vignesh, Assistant Professor/Civil Engineering

Target Audience: Students, Faculty members, Alumni and Industry Professionals – 145 registered

Number of Participants benefited: 36

UG Students : 29
Faculty : 6
Industry Professional : 1
Lab Technicians : 0

Total No of Internal Participants – 30

Students -27, Faculties -3, Lab technicians -0

Total No of External Participants – 6

Students -2, Faculties -3, Others -1



Vijay Vignesh CVE <avijayvignesh@svce.ac.in>

Fwd: Exclusive webinar on opportunities in construction management for final year students

1 message

Dr.R. Kumutha kumuthar@svce.ac.in
To: Vijay Vignesh CVE kumuthar@svce.ac.in

Tue, Feb 1, 2022 at 12:38 PM

Thanks & regards
Dr.R.Kumutha
Professor & Head
Department of Civil Engineering
Sri Venkateswara College of Engineering
Chennai- Bengaluru High Road
Sriperumbudur - 602 117
Mobile: 98941 25626

Email: kumuthar@yahoo.co.in

My Google Scholar Profile

https://scholar.google.com/citations?user=0ugkT9MAAAAJ&hl=en

----- Forwarded message -----

From: Dr. Mahesh Balasubramani

 bmahesh@nicmar.ac.in>

Date: Tue, 1 Feb 2022, 12:33 pm

Subject: Exclusive webinar on opportunities in construction management for final year students

To: kumuthar@svce.ac.in <kumuthar@svce.ac.in>

Dear Ma'm

I had a call with you just now. I am Dr.Mahesh, an assistant professor with National Institute of Construction Management & Research (NICMAR).

I am delighted to extend NICMAR's invitation to an exclusive webinar on "Recent Advancements and Career Opportunities in Construction Management Sector" for the final year students of Civil Engineering. In the current environment where final year Students of Civil Engineering are more inclined towards a career in the IT industry or E Commerce or as a consultant in an industry not related to their field of bachelors study, this webinar intends to sensitize the recent advancements and well-paying, profuse career opportunities in Construction Management. **The webinar is conducted free-of-cost and without any commitments.** E-Certificates will be provided by NICMAR to the students – after the webinar is complete.

We can schedule this exclusive webinar based on your convenience. As per the telephone conversation, I understand February 4th week may be a possible time for this webinar.

On confirmation of date and time, our systems analyst Mr.P.Sivakumar will share a webinar registration form wherein the students will need to register their interest. The MS Teams or Webex or Zoom or Google Meet link (whichever is convenient to you) will be shared a day before the webinar to the registered students. E-certificates will be provided to the students only who register and subsequently attend the webinar.

Regards

Dr.Mahesh Balasubramani, M.Tech & Ph.D (IIT Madras)

Assistant Professor

National Institute of Construction Management & Research Hyderabad

www.nicmar.ac.in

Mobile: +91-8072170221

Landline: +91-40-67359551



Vijay Vignesh CVE <avijayvignesh@svce.ac.in>

Re: Invitation: Webinar on "Opportunities for Civil, Mechanical and Elect... @ Mon Feb 28, 2022 12pm - 2pm (IST) (bmahesh@nicmar.ac.in)

Dr. Mahesh Balasubramani

 bmahesh@nicmar.ac.in>

Sat, Feb 26, 2022 at 3:54 PM

To: "avijayvignesh@svce.ac.in" <avijayvignesh@svce.ac.in>, "Prof. Vishnu Namboodiri" <nvishnu@nicmar.ac.in>, HOD Civil SVCE <hodce@svce.ac.in>

Thank you for send this. Thank you for accepting our invitation to hosting this webinar.

Get Outlook for Android

From: Google Calendar < calendar-notification@google.com > on behalf of avijayvignesh@svce.ac.in < avijayvignesh@svce.ac.in >

Sent: Saturday, February 26, 2022 3:48:36 PM

To: Dr. Mahesh Balasubramani

bmahesh@nicmar.ac.in>; Prof. Vishnu Namboodiri <nvishnu@nicmar.ac.in>; HOD

Civil SVCE < hodce@svce.ac.in>

Subject: Invitation: Webinar on "Opportunities for Civil, Mechanical and Elect... @ Mon Feb 28, 2022 12pm - 2pm (IST)

(bmahesh@nicmar.ac.in)

When: Monday, February 28, 2022 12:00 PM-2:00 PM.

Where:

You have been invited to the following event.

Webinar on "Opportunities for Civil, Mechanical and Electrical Engineers in Construction Management Sector"

When Mon Feb 28, 2022 12pm – 2pm India Standard Time - Kolkata

Joining info Join with Google Meet

meet.google.com/bkn-nbjx-krg

Join by phone

(US) +1 520-800-2437 (PIN: 451880170)

More phone numbers

Calendar bmahesh@nicmar.ac.in

Who • avijayvignesh@svce.ac.in - organizer

bmahesh@nicmar.ac.innvishnu@nicmar.ac.in

HOD Civil SVCE

Attachments Opportunities for Civil, Mechanical and Electrical Engineers in Construction Management Sector.png

Opportunities for Civil, Mechanical and Electrical Engineers in Construction Management Sector.pdf

Going (bmahesh@nicmar.ac.in)? Yes - Maybe - No more options »

more details »

Invitation from Google Calendar

You are receiving this courtesy email at the account bmahesh@nicmar.ac.in because you are an attendee of this event.

To stop receiving future updates for this event, decline this event. Alternatively you can sign up for a Google account at https://calendar.google.com/calendar/ and control your notification settings for your entire calendar.

Forwarding this invitation could allow any recipient to send a response to the organizer and be added to the guest list, or invite others regardless of their own invitation status, or to modify your RSVP. Learn More.

This message has been scanned for viruses and dangerous content by **MailScanner**, and is believed to be clean.



Vijay Vignesh CVE <avijayvignesh@svce.ac.in>

Feedback from Speaker - Opportunities for Civil, Mechanical and Electrical **Engineers in Construction Management Sector**

Prof. Vishnu Namboodiri <nvishnu@nicmar.ac.in> To: "avijayvignesh@svce.ac.in" <avijayvignesh@svce.ac.in> Wed, Mar 9, 2022 at 9:30 AM

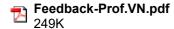
Dear Sir,

Greetings from NICMAR!!!

With reference to the recent webinar on "Opportunities for Civil, Mechanical and Electrical Engineers in Construction Management Sector" held on 28/02/2022 (virtual mode). I hereby attaching the speaker feedback form for your reference.

Thank you!!!

Regards, Prof. Vishnu Namboodiri. V Assistant Professor, National Institute of Construction Management and Research (NICMAR), Hyderabad Campus, H.No. 7-06, Jagganguda(V), Shamirpet(M), Aliabad(P.O.), Hyderabad, Telangana- 500101, India.



BROCHURE







Department of Civil Engineering

(ICI Student Chapter)
in association with

Indian Concrete Institute (ICI - Chennai Centre)

jointly invites you for a

Webinar

on

"OPPORTUNITIES FOR CIVIL, MECHANICAL AND ELECTRICAL ENGINEERS IN CONSTRUCTION MANAGEMENT SECTOR"



12 pm - 2 pm | February 28, 2022



Google Meet



Session 1

Dr. Mahesh Balasubramani
Assistant Professor
NICMAR, Hyderabad



Prof. V. Vishnu Namboodiri
Assistant Professor
NICMAR, Hyderabad

Registration Link: https://tinyurl.com/bd824mk8

Faculty Coordinator Mr.A.Vijay Vignesh, AP/Civil Convenor & Organizing Secretary
Dr.R.Kumutha
Head of the Department
Civil Engineering

Mr. N.G. Muralidharan Chairperson Dr. P.R. Kannan Rajkumar Secretary

(ICI - Chennai Centre)

Dr. K. Gunasekaran EC Member

Webinar Registration Form

NICMAR Hyderabad Campus, Shamirpet, Hyderabad (Registrations will be closed o 15/03/2022 at 5:00 PM) Webinar on "Career Opportunities in Construction, Real Es Infrastructure and Engineering Projects Management" (Civil, Mechanical & Electrica 16/03/2022 10:30am to 12.00pm)	state,
avijayvignesh@svce.ac.in (not shared) Switch account	\odot
* Required	
Student ID/Roll Number *	
Your answer	
Student Name *	
Your answer	
Gender *	
Gender * Male	
O Male	
O Male	
O Male	
MaleFemale College/Institute Name *	
Male Female	
MaleFemale College/Institute Name *	
MaleFemale College/Institute Name *	
Male Female College/Institute Name * Your answer	
Male Female College/Institute Name * Your answer B.Tech/B.E *	

1

Electrical

Year of Graduation *	
Your answer	
Email ID *	
Your answer	
Mobile Number *	
Your answer	
Permanent Address for Communication *	
Your answer	
What would you like to do after Graduation? *	
Your answer	
Submit	Clear form
lever submit passwords through Google Forms.	
This form was created outside of your domain. <u>Report Abuse</u> - <u>Terms of Service</u> - <u>Privacy P</u>	<u>olicy</u>
Google Forms	

H

PROFILE OF THE SPEAKER

Dr. Mahesh Balasubramani, currently designated as the Assistant Professor in National Institute of Construction Management and Research (NICMAR), Hyderabad, India. He has around 3 years of experience as Project Manager in L&T Construction. He completed his PhD in Civil Engineering at IIT Madras.

Prof. Vishnu Namboodiri V, currently designated as the Assistant Professor in National Institute of Construction Management and Research (NICMAR), Hyderabad, India. His area of research interest is related to energy systems and their optimization for build environments. Prior to joining NICMAR, he has 4+ years of industrial experience in the energy field. In reference to his academic profile, currently, he is pursuing a Ph.D. in renewable energy at IIT Delhi. He contributed numerous publications in international journals in materials for energy applications.

BRIEF REPORT OF THE WEBINAR

Ms. R. Logeshwari (Final Year Student/Department of Civil Engineering) has delivered the welcome address and introduced the speaker Dr. Mahesh Balasubramani, Assistant Professor, NICMAR, Hyderabad & Prof. V. Vishnu Namboodiri, Assistant Professor, NICMAR, Hyderabad, to all the participants.

Dr. Mahesh Balasubramani welcomed the gathering and gave a brief overview on scope of civil, mechanical, electrical engineers in infrastructure projects. He stated the importance of being engineer and their opportunities in a developing country like India. The speaker highlighted that India expected to become the third largest construction market by 2022.

The speaker also highlighted the various projects like Metro Rail, Mall in Mumbai, Residential building, Solar plant which are undertaken currently across India. The speaker explained the various job profiles for civil engineering graduates which categorized into various departments like Safety department, Environmental department, Fire Protection department, planning department, contract department, billing department, structural engineering department etc., The speaker also explained the Challenges faced in Construction Industry and the advancements made in construction materials such as use of admixtures, LC3 cement, Alternative to sand. He briefed about the Nanotechnology in coating of steel structures, Prefabricated construction, 3D printing, Fire Protection System, Lean Management in construction.

Prof. V. Vishnu Namboodiri gave a brief overview on advancements made in Electrical projects in India. He highlighted the project "Smart Grid" and its advantages over conventional systems. Later explained about the advantages of Micro Grid in India. He later stated the advancements in Mechanical Projects like IIOT, Agile project management, Wind projects, solar projects. He also explained about the various opportunities for engineering graduate in various sectors like contract management, project finance management, business development, site administration, etc.

The speaker concluded the session and discussed on the queries from the participants.

The session was interactive, and the questions raised by the participants were answered by the speaker. The session ended with a vote of thanks delivered by Ms. R. Logeshwari, Final Year Student, Department of Civil Engineering. The participants also had appreciated the webinar.

Program Objectives

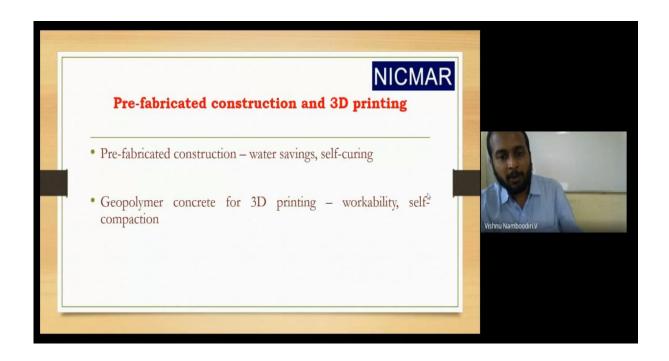
The objectives of the program are:

- To provide an opportunity to understand the scope and opportunities of civil engineering domain in construction management sector.
- To impart knowledge and awareness on technological advancements and various skills required for civil engineering graduate.

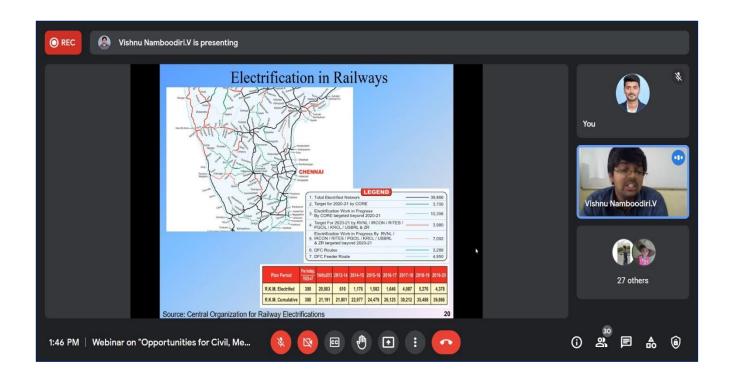
The following Program Outcomes (POs) and Program Specific Outcomes (PSOs) are addressed for the Webinar on "Opportunities for Civil, Mechanical and Electrical Engineers in Construction Management Sector"

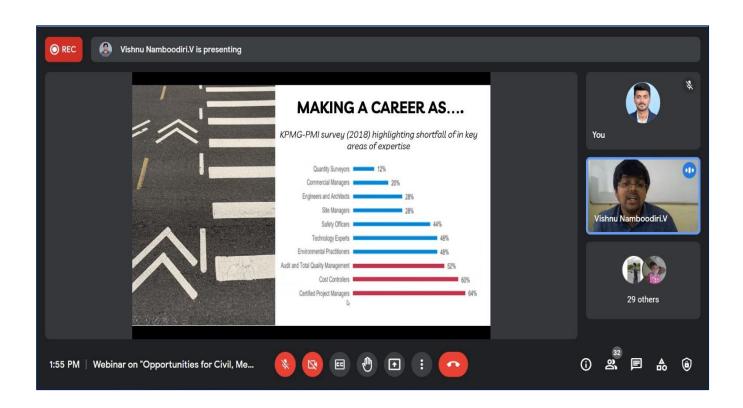
Particulars	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Opportunities for Civil, Mechanical and Electrical Engineers in Construction Management Sector	✓											√	✓	

SNAPSHOTS OF THE WEBINAR









LIST OF PARTICIPANTS

S.No	Name of the Participant	e of the Participant Name of the Institution/Industry	
1	MATHIYAZHAGAN R	SRI VENKATESWARA COLLEGE OF ENGINEERING	FACULTY
2	HARISWARAN S	SRI VENKATESWARA COLLEGE OF ENGINEERING	FACULTY
3	KALAIVANNAN R	SRI VENKATESWARA COLLEGE OF ENGINEERING	FACULTY
4	NARENDRA KUMAR H	SJB INSTITUTE OF TECHNOLOGY	FACULTY
5	RAVINDRA M V	SJC INSTITUTE OF TECHNOLOGY	FACULTY
6	ANKITHA V	SJC INSTITUTE OF TECHNOLOGY	FACULTY
7	DEEPAK TIWARI	SSIPMT, RAIPUR	ELECTRICAL ENGINEER
8	SABARINATHAN N	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	UG STUDENT
9	GOKULNATH U	FEAT OF ANNAMALAI UNIVERSITY	UG STUDENT
10	KIRAN KUMAR PON	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
11	GOKUL R	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
12	KEERTHI VAASAN R	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
13	SENTHAZHAL T P	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
14	GOPINATH A V	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
15	THIYAGESH L	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
16	VENGADESH.V	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
17	SIDDHARTH J U	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
18	NAVEEN S	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT

S.No	Name of the Participant	Name of the Participant Name of the Institution/Industry	
19	DHILIPRAJ	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
20	BALAMURUGAN. SP	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
21	T M TILAQ ROHITH	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
22	ABISHEK	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
23	PON PRADEEP	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
24	LOGESHWARI R	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
25	BALAMURUGAN. SP	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
26	ROHIT.V	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
27	GOKUL K	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
28	MOHAMED SHAFEEN	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
29	MURALI MANOGAR JOSHI S	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
30	KAVINSELVA P	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
31	RAMANAN B B	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
32	S. PRIYADHARSHANI	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
33	VIVEDHITHA VARSHINI A G	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
34	BRITHISHA S	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
35	PADMANABAN N	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT
36	A. VIGNESH	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG STUDENT

SUMMARY OF FEEDBACK

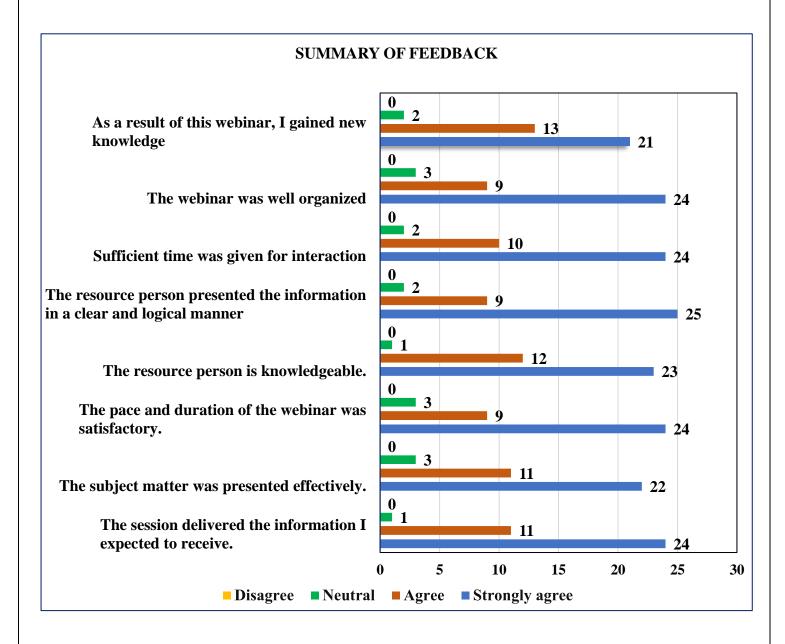
Total Number of respondents: 36

Feedback	Strongly Agree	Agree	Neutral	Disagree
The session delivered the information I expected to receive.	24	11	1	0
The subject matter was presented effectively.	22	11	3	0
The pace and duration of the webinar was satisfactory.	24	9	3	0
The resource person is knowledgeable.	23	12	1	0
The resource person presented the information in a clear and logical manner	25	9	2	0
Sufficient time was given for interaction	24	10	2	0
The webinar was well organized	24	9	3	0
As a result of this webinar, I gained new knowledge	21	13	2	0

Registration Link: https://tinyurl.com/bd824mk8

 $\textbf{Feedback Link:} \ \underline{\textbf{https://forms.gle/uqW2nnpeRivYd6C97}}$

YouTube Link: https://www.youtube.com/watch?v=HBeRB4_taIU



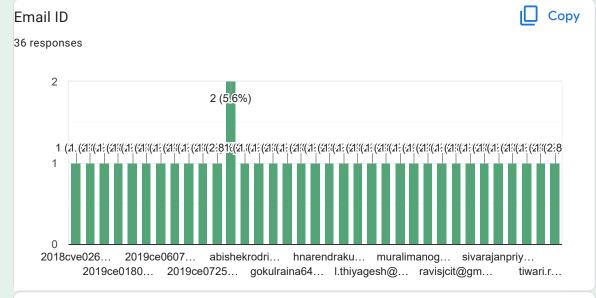
Additional comments/feedback from participants:

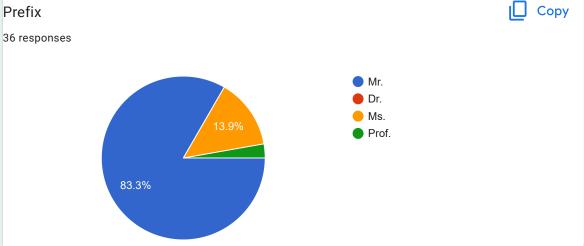
• This program was really informative and useful for all participants.

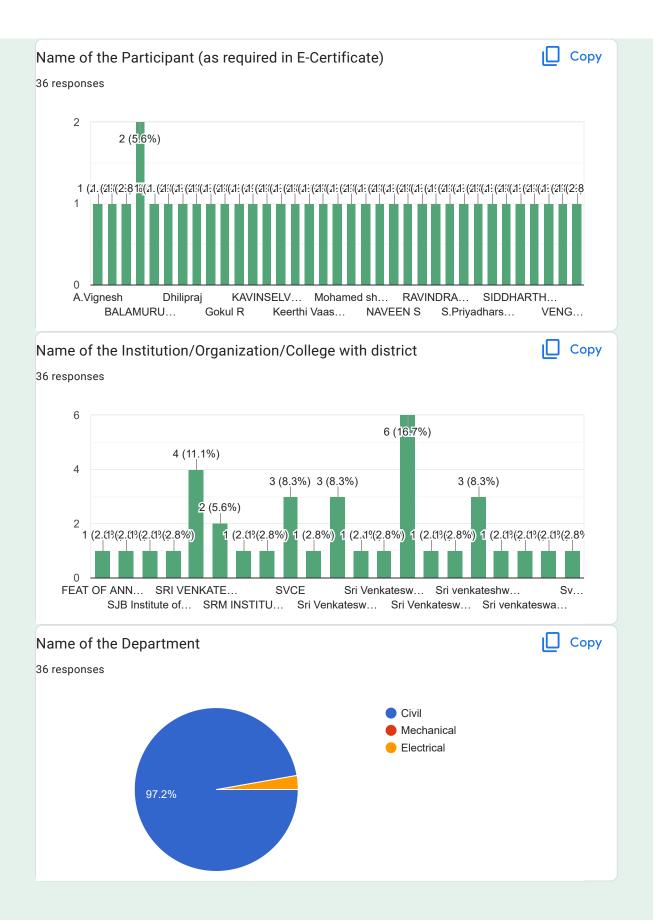
Feedback form - "Opportunities for Civil, Mech & Electrical Engineers in Construction Management Sector" - Civil Department -SVCE

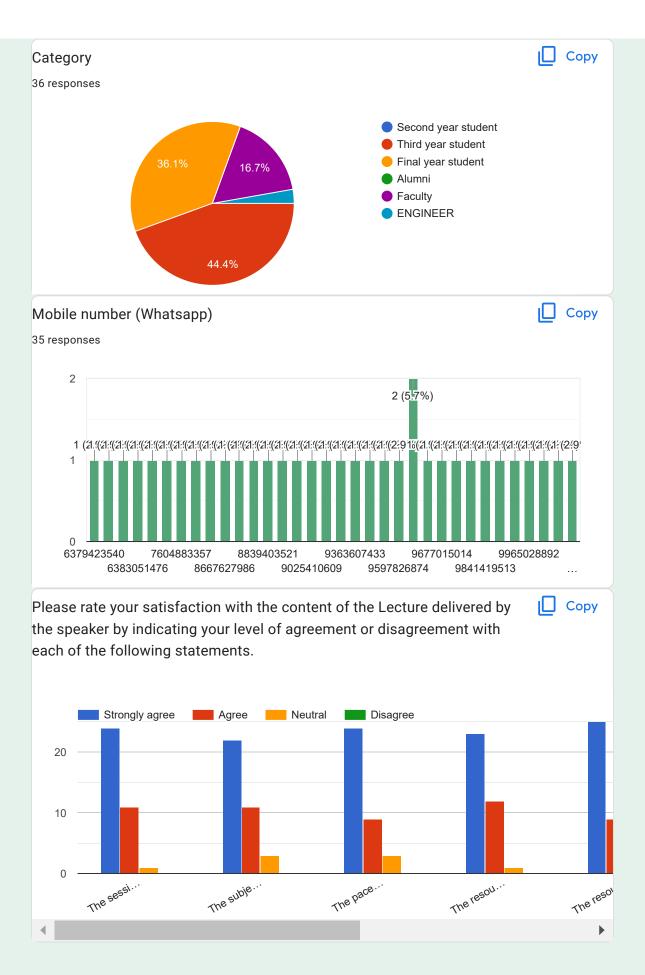
36 responses

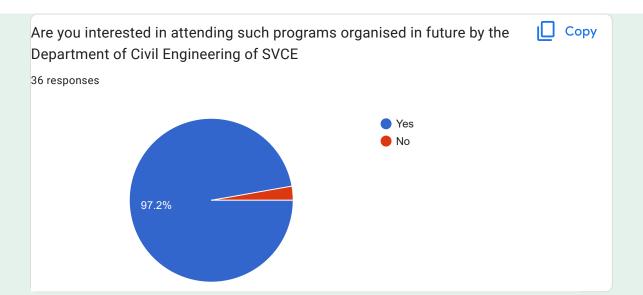
Publish analytics











Additional Comments/Feedback 36 responses
Nil
No comments
Nothing
No
Very nice.
None
Nothing
Need more information
Very good
Very useful session thank you for your opportunity
NIL
GOOD INITIATIVE
Informative
Very informative and useful session
NII
Wonderful session
Informative session
Nice
Good
Good

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Feedback form - "Opportunities for Civil, Mech & Electrical Engineers in Construction Management Sector" - Civil Department - SVCE

Feedback F	0	r	m
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Department of Civil Engineering in association with Indian Concrete Institute (ICI - Chennai Centre)

Webinar on "Opportunities for Civil, Mechanical & Electrical Engineers in Construction Management Sector"

Date: 28.02.2022

Mechanical

Electrical

Time: 12:00 P.M. - 02.00 P.M.

Kindly provide vour valuable feedback.

Kindiy provide your valuable feedback.
Email ID * gokuludhayakumar@gmail.com
Prefix * Mr.
Name of the Participant (as required in E-Certificate) * GOKULNATH U
Name of the Institution/Organization/College with district * FEAT OF ANNAMALAI UNIVERSITY
Name of the Department * © Civil

3/9/22, 11:04 AM	Feedback form - "Opportunities for Civil, Mech & Electrical Engineers in Construction Management Sector" - Civil Department
Category *	
Second year	ar student
Third year	student
Final year	student
Alumni	
Faculty	
Other:	
Mobile numbe	er (Whatsann)
9578374410	er (wriatsapp)

Please rate your satisfaction with the content of the Lecture delivered by the speaker by indicating your le	evel
of agreement or disagreement with each of the following statements. *	

	Strongly agree	Agree	Neutral	Disagree
The session delivered the information I expected to receive.	•	0	0	0
The subject matter was presented effectively.	•	0	0	0
The pace and duration of the webinar was satisfactory.	•	0	0	0
The resource person is knowledgeable.	•	0	0	0
The resource person presented the information in a clear and logical manner	•	0	0	0
Sufficient time was given for interaction	•	0	0	0
The webinar was well organized	•	0	0	0
As a result of this webinar, I gained new knowledge	•	0	0	0

Are you interested in attending such programs organised in future by the Department of Civil Engineering of SVCE *

Yes

O No

Additional Comments/Feedback *

Very useful session thank you for your opportunity

This form was created inside of Sri Venkateswara College of Engineering.

Google Forms

SAMPLE PARTICIPATION CERTIFICATE



Sri Venkateswara College of Engineering

ndian Concrete Institute

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Department of Civil Engineering CERTIFICATE OF PARTICIPATION



This Certificate

is awarded to

Mr. KAVINSELVA P

for participating in the Webinar on "Opportunities for Civil, Mechanical and Electrical Engineers in Construction Management Sector" organized by the Department of Civil Engineering, Sri Venkateswara College of Engineering in association with Indian Concrete Institute - Chennai Centre on 28.02.2022.

Lyn Zih

Mr. A. Vijay Vignesh AP / Civil Engineering Coordinator Q. 2......

Dr. R. Kumutha Professor & Head / Civil Engineering Convenor & Organizing Secretary

Prepared by

M_{r,A.} Vijay Vignesh (AP/Civil Engg.) Coordinator Approved by

Dr.R.Kumutha (HoD/Civil Engg.) Convenor & Organizing secretary

Dr. R. KUMUTHA, M.E., Ph.D.,
Professor and Head
Department of Civil Engineering,
Sri Venkateswara College of Engineering,
Sriperumbudur-602 117,