

Fwd: Webinar on RECOMMENDATIONS OF FOUNDATION FOR HIGH RISE BUILDING -reg

1 message

HOD Civil SVCE <hodce@svce.ac.in>
To: Principal SVCE <principal@svce.ac.in>
Cc: Faculty Group <svcefaculty@svce.ac.in>

Wed, Jan 27, 2021 at 3:02 PM

Dear Professors
Pl find attached.

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

From: **RK CVE** <kalaivannan@svce.ac.in>
Date: Wed, Jan 27, 2021 at 2:53 PM
Subject: Webinar on RECOMMENDATIONS OF FOUNDATION FOR HIGH RISE BUILDING -reg
To: HOD Civil SVCE <hodce@svce.ac.in>

Dear Madam,
I request you to forward this mail to our SVCE Faculties.

Dear Sir/Madam,

On behalf of the Department of Civil Engineering , We pleased to invite you all for the webinar on **RECOMMENDATIONS OF FOUNDATION FOR HIGH RISE BUILDING** by Mr.C.R.Balaji ,Advisor for Civil and Structures, SAI CAD Chennai, Senior Partner, Prof V S RAJU Consultants to be held on **28-01-2021 (2.30 pm to 3.30 pm)** .PFA

All are cordially invited!

Kindly join for the webinar using the following link.

Google meet Link : <https://meet.google.com/pue-jqnn-gct>

Regards & Sincerely

Kalaivannan R

"Stop planting plastic and Start planting Green trees"

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Thanks and Regards
Dr.R.Kumutha
Professor and Head
Department of Civil Engineering
Sri Venkateswara College of Engineering
Sriperumbudur - 602117
TN, India
Ph: 9894125626
[My Google Scholar Profile](#)
[My Scopus Author Profile](#)

 **Poster.pdf**
162K

(An Autonomous Institution) Pennalur, Sriperumbudur (Tk) - 602117

DEPARTMENT OF CIVIL ENGINEERING

CIVIL ENGINEERS ASSOCIATION (CEA)



REPORT OF THE WEBINAR

Date, Time & Meeting URL link

Date : 28 th January 2021

Time : 2.30-3.30 pm

Mode : Online through Google Meet

Meeting Link : <https://meet.google.com/pue-jqnn-gct>

Speaker

Mr.C.R.Balaji

Advisor for Civil and structures ,SAI CAD Chennai

Senior Partner , Prof V S RAJU Consultants , Chennai

Coordinator

1)Mr.Kalaivannan R ,Assistant Professor ,Dept of Civil Engg ,SVCE

Convenor & Organizing secretary

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

Target Audience

Students, Faculty members and Industry Personnel

Participation:

Number of Participants benefited : 20

Faculty : 3

Research Scholars : 03

UG Students : 17

Industry Persons : 01

Others : Nil

BROCHURE



SRI VENKATESWARA COLLEGE OF ENGINEERING

(An Autonomous Institution)

Pennalur, Sriperumbudur (Tk) 602117

DEPARTMENT OF CIVIL ENGINEERING

in association with

SAICAD CENTRE, CHENNAI



PROUDLY PRESENTS

Webinar

On

RECOMMENDATIONS OF FOUNDATION FOR HIGH RISE BUILDINGS

Speaker

Mr.C.R.Balaji

**Advisor for Civil and Structures, SAI CAD Chennai
Senior Partner, Prof V S RAJU Consultants, Chennai**

Date & Time: 28th January 2021, 2.30 pm to 3.30 pm

Register @ <https://forms.gle/YdRZeNCSQoajo1aLA>

Meet Link: <https://meet.google.com/pue-jqnn-gct>

Coordinator
Mr.Kalaivannan R
AP/Civil Engg

Convener & Organizing Secretary
Dr.R.Kumutha
Professor & HOD



BRIEF REPORT OF WEBINAR

The objective of this webinar is to discuss about the Recommendations Of Foundation For High Rise Building by the speaker Mr C R Balaji .

Mr.Kalaivannan R ,Assistant Professor ,Dept of Civil Engg. Coordinator, delivered the welcome address, and introduced the speaker to the audience.

Mr C R Balaji began the webinar by explaining the basic details of Residential Project , Gurgaon .

In this webinar he discussed about the project , Structures proposed , Geotechnical Investigations , Ground water Table , Liquefaction Analysis , Assessment and results of Liquefaction Resistance ,Possible foundation alternatives ,Raft foundation ,Pile foundation ,Soil Parameters for pile Design ,Bored cast In - Situ Piles , Pile capacities , Theoretical Axial pile capacities and Lateral pile capacities ,Pull out pile capacities ,Driven cast In situ Piles , Extended Basements and its foundation options ,and Precast during Construction.

He explained each topic in a detailed manner and with examples and formulas especially for Liquefaction Analysis .

Speaker encouraged the participants to ask the questions and then the questions raised by the participants were answered by the speaker.

The session ended with a vote of thanks delivered by Mr . Naveen III rd year Civil Engineering.

The participants appreciated the webinar.

SNAPSHOTS OF WEBINAR

BH 1
GWT @ 1.5 m BELOW NGL

Sandy Silt

Silty Fine Sand

Depth (m)	SPT N
1	5
2	4
3	7
4	10
5	18
-	-
-	-
-	-
50	104 / 13 cm

Prof V S Raju Consultants / C R BALAJI

7a

RAFT FOUNDATION

- ❖ CALCULATION OF SETTLEMENTS FOR EACH TOWER
- ❖ GROSS AND NET BEARING PRESSURES
- ❖ ESTIMATED SETTLEMENTS – 130 mm TO 145 mm
- ❖ SETTLEMENTS > 75 mm (IS 1904 – 1986)
- ❖ **RAFT FOUNDATIONS NOT FEASIBLE**

Prof V S Raju Consultants / C R BALAJI

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THEORETICAL AXIAL PILE CAPACITIES (1000 mm)

Case No.	Diameter of Pile (mm)	Length of pile (m)	Bound	Ultimate vertical capacity (tons)	Average Ultimate Capacity (tons)	Safe vertical capacity * (tons)
1	1000	26	Lower	725	959	384
2	1000	26	Upper	1193		Say (380)
3	1000	28	Lower	779	1041	416
4	1000	28	Upper	1302		Say (410)
5	1000	30	Lower	834	1123	449
6	1000	30	Upper	1411		Say (445)



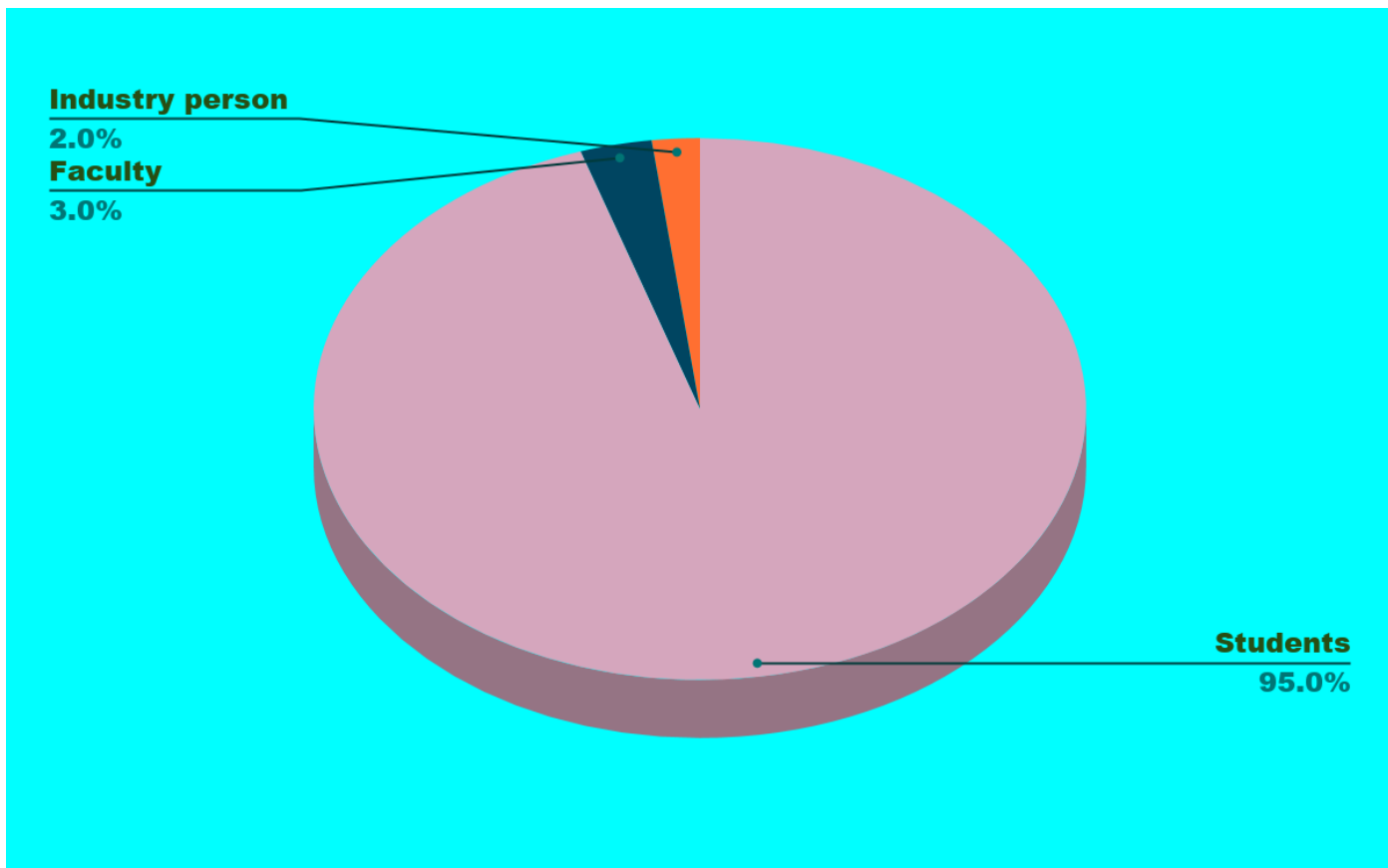
LIST OF PARTICIPANTS

S.No	Name of the participant	Name of the Institute	Category
1.	Dr.R.Kumudha	Sri Venkateswara College of Engineering	Faculty
2.	Kavinselva P	Sri Venkateswara College of Engineering	Student
3.	Tilaa Rohit T M	Sri Venkateswara College of Engineering	Student
4.	Priyadharshini S	Sri Venkateswara College of Engineering	Student
5.	Prathiba S	Sri Venkateswara College of Engineering	Student
6.	Guru Prakash K	Sri Venkateswara College of Engineering	Student
7.	Praveen Kumar V	Sri Venkateswara College of Engineering	Student
8.	Gopinath V	Sri Venkateswara College of Engineering	Student
9.	Siddharth J U	Sri Venkateswara College of Engineering	Student
10.	Naveen S	Sri Venkateswara College of Engineering	Student
11.	Rohit V	Sri Venkateswara College of Engineering	Student
12.	Ramana R	Sri Venkateswara College of Engineering	Student
13.	Logeshwari R	Sri Venkateswara College of Engineering	Student
14.	Vijay vignesh A	Sri Venkateswara College of Engineering	Student
15.	Mohammad Salmaan K N	Sri Venkateswara College of Engineering	Student
16.	Keerthivasan R	Sri Venkateswara College of Engineering	Student

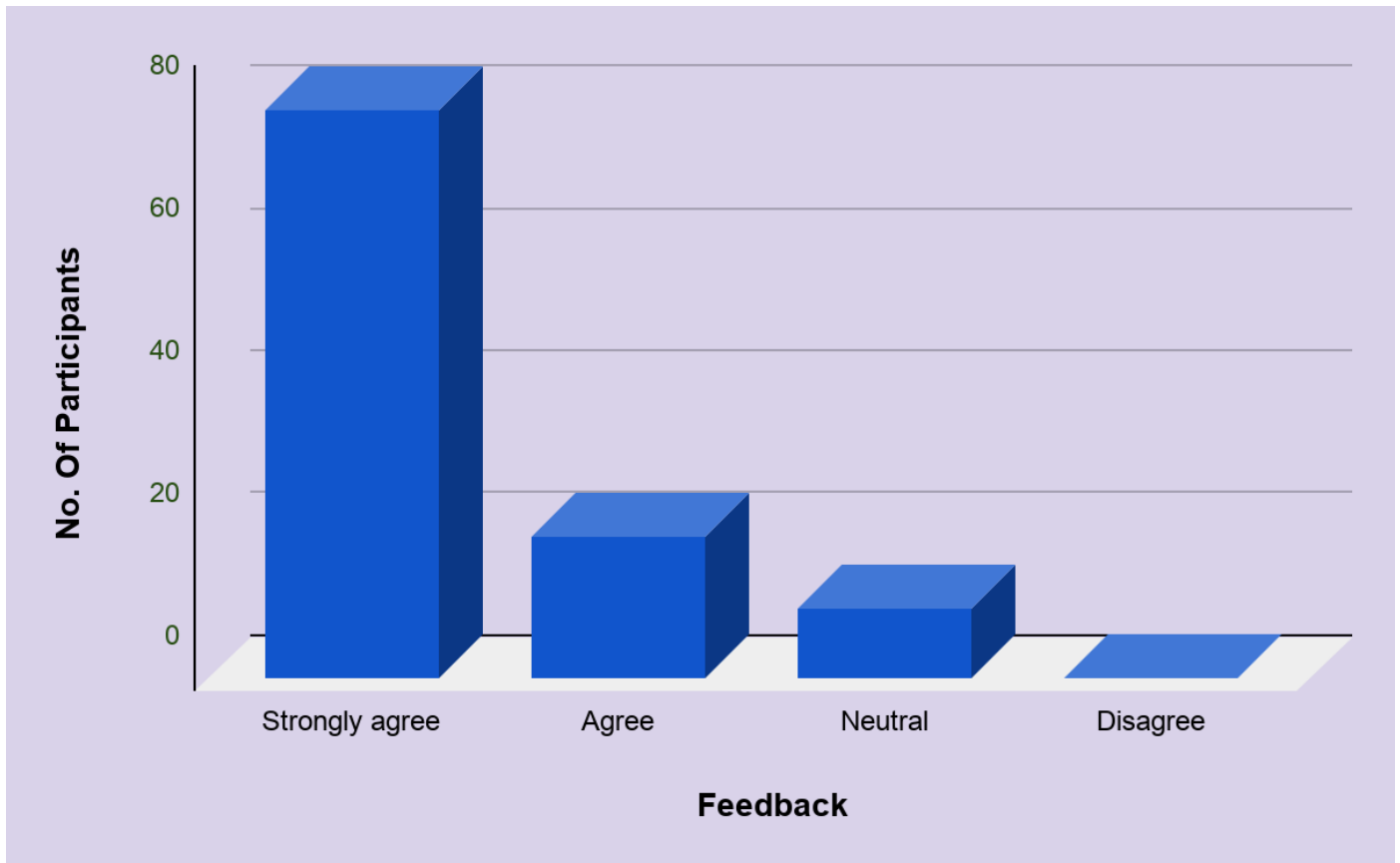
17.	Ranjana Piriadharshini	Sri Venkateswara College of Engineering	Student
18.	Kalaivannan R	Sri Venkateswara College of Engineering	Faculty
19.	Hariswaran S	Sri Venkateswara College of Engineering	Faculty

20.	Aurudhra Adiseeshaih	Sri Venkateswara College of Engineering	Student
21.	Balaji C R	Sri Venkateswara College of Engineering	Industry participant
22.	Dhanush Kannan L	Sri Venkateswara College of Engineering	Student
23.	Bhuvaneshwari s	Sri Venkateswara College of Engineering	Student

Category of Participants:



SUMMARY OF FEEDBACK



Common comments /feedback from Participants on Webinar:

- Awesome
- Gained some knowledge about Foundations about high rise buildings .
- The webinar was Informative
- Nice presentation
- Good Presentation
- The session was well Explained
- It is very Informative
- Excellent session
- Informative session



Prepared by

Mr.Kalaivannan R , AP/CE ,SVCE



Approved by

Dr.R.Kumutha Prof & Head, Civil Engg