

No. SVEC/CE/ASCE SVEC Student Chapter/ 2021-22/08

27 November 2021

**CIRCULAR**

The Department of Civil Engineering is organizing **Online Guest Lecture** on **“Approach Towards Sustainable Design and Forensic Study”** under **ASCE SVEC Student Chapter** on **29<sup>th</sup> November 2021** from **2.00 p.m to 4.00 p.m** in Dasari Auditorium, SVEC. **Mr. Suresh Kumar Gupta. P, TGE Sr. Lead for India and Manila, Jacobs, India;** and **Practitioner Advisor of ASCE SVEC Student Chapter,** Department of Civil Engineering, SVEC will be the Guest Speaker.

All the students of **II, III & IV B.Tech. I Semester Civil Engineering (A & B Sections)** are instructed to attend the lecture without fail.



**(Dr. O. Eswara Reddy)**

Faculty Advisor

ASCE SVEC Student Chapter

Professor, HoD and Chairman-BOS

**Copy to:** Head, Dept. of Civil Engg.  
Notice Board  
Circulation to students  
ASCE SVEC Student Chapter File

No. SVEC/CE/ASCE SVEC Student Chapter/ 2021-22/09

27 November 2021

**CIRCULAR**

The Department of Civil Engineering is organizing **Online Guest Lecture** on **“Approach Towards Sustainable Design and Forensic Study”** under **ASCE SVEC Student Chapter** on **29<sup>th</sup> November 2021** from **2.00 p.m to 4.00 p.m** in **Dasari Auditorium, SVEC. Mr. Suresh Kumar Gupta. P, TGE Sr. Lead for India and Manila, Jacobs, India; and Practitioner Advisor of ASCE SVEC Student Chapter**, Department of Civil Engineering, SVEC will be the Guest speaker.

All the faculty members are informed to attend the lecture without fail.



**(Dr. O. Eswara Reddy)**

Faculty Advisor

ASCE SVEC Student Chapter

Professor, HoD and Chairman-BOS

**Copy to:** Head, Dept. of Civil Engg.  
Notice Board  
Circulation to students  
ASCE SVEC Student Chapter File

Guest Lecture on

# APPROACH TOWARDS SUSTAINABLE DESIGN AND FORENSIC STUDY

Resource Person

**Mr. Suresh Kumar Gupta. P**

TGE Sr. Lead for India and Manila, Jacobs, India;  
Practitioner Advisor of ASCE SVEC Student chapter,  
Department of Civil Engineering, SVEC.



**Digital Platform**

Zoom



**Date**

29 November 2021



**Venue**

Dasari Auditorium, SVEC



**Time**

02:00 PM

**Convener of the Event**

**Dr. O. Eswara Reddy**

Professor, HOD and BOS Chairman  
Faculty Advisor, ASCE SVEC Student Chapter  
Department of Civil Engineering, SVEC

Office Bearers  
of ASCE SVEC  
Student Chapter - 2021

**Coordinator of the Event**

**Mr. D. V. Purushotham**

Coordinator, ASCE SVEC Student Chapter  
Department of Civil Engineering, SVEC

**NO REGISTRATION FEE**

**Zoom Link**

<https://zoom.us/j/6382349773?pwd=UVg3eEI0Wjd2V0tBRjZ2RXljYIE3QT09>

PMID: 6382349773 | Passcode: 323444



**WHO CAN PARTICIPATE?**



II, III, IV B.Tech Civil Engineering Students



**Organized By**

ASCE SVEC Student Chapter, Department of Civil Engineering,  
Sree Vidyanikethan Engineering College, Sree Sainath Nagar, Tirupati - 517102

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# Guest Lecture on Approach Towards Sustainable Design And Forensic Study

Date: **29-11-2021** & Time: **02:00 PM**

Resource Person

**Mr. Suresh Kumar Gupta. P**

TGE Sr. Lead for India and Manila, Jacobs, India;  
Practitioner Advisor of ASCE SVEC Student chapter,  
Department of Civil Engineering, SVEC.



Organized By

**ASCE SVEC Student Chapter**  
Department of Civil Engineering,  
**SREE VIDYANIKETHAN ENGINEERING COLLEGE,**  
Sree Sainath Nagar, Tirupati - 517102

**ASCE**  
STUDENT CHAPTER  
Sree Vidyanikethan  
Engineering College





# SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)



STUDENT CHAPTER

Sree Vidyanikethan  
Engineering College

Sree Sainath Nagar, Tirupati – 517102

(Affiliated to JNTUA Anantapuramu, Approved by AICTE, Accredited by NBA; NAAC with 'A' Grade)



## Online Guest Lecture on “Approach Towards Sustainable Design and Forensic Study”

by

**Mr. Suresh Kumar Gupta. P**

Senior TGE Sr. Lead for India and Manila, Jacobs, India;  
Practitioner Advisor of ASCE SVEC Student chapter,  
Department of Civil Engineering, SVEC

**November 29, 2021 @ 2:00 pm**

Organized by

**ASCE SVEC Student Chapter**

**Department of Civil Engineering, SVEC**



**PMID: 638 234 9773**

**Passcode: 323444**

### Chief Patrons

**Dr. M. Mohan Babu**  
Chairman, SVET

**Sri. Vishnu Manchu**  
CEO, SVET

### Patron

**Dr. L. Venugopal Reddy**  
Advisor Cum Director, SVET

**Dr. P. Giridhara Reddy**  
Director (A&R), SVEC

### Convener

**Dr. O. Eswara Reddy**  
Faculty Advisor, ASCE SVEC Student Chapter  
HoD and Chairman-BoS, Dept. of Civil Engg.

### Coordinator

**Mr. D. V. Purushotham**  
Coordinator  
ASCE SVEC Student Chapter



**Mr. Suresh Kumar Gupta. P**  
Senior TGE Sr. Lead for India and  
Manila, Jacobs, India;  
Practitioner Advisor of  
ASCE SVEC Student chapter,  
Department of Civil Engineering,  
SVEC

**Mr. Suresh Kumar Gupta. P** is TGE Sr. Lead for India and Manila, Jacobs, India; Chartered Civil Engineer, ICE UK and also Practitioner Advisor of ASCE SVEC Student chapter. He has around 18+ years of experience in the field of Geotechnical engineering.

He received his Diploma in Civil Engineering from SESC Govt. Polytechnic, Nandyal (1999); B.Tech (Distinction) in Civil Engineering from S.V. University, Tirupati (2004); M.Tech (Hons) in Geotechnical Engineering from IIT-Delhi, India (2006)

He worked on large scale projects in infrastructure and oil and gas industries. He worked on Middle East, Singapore, Australia, USA, UK and India projects.

His experience covers widely in design of shallow and deep foundations, enabling works design like earth retention systems, assessment of stability of slopes, review of factual geotechnical reports, preparation of Geotechnical interpretative reports, preparation of scope, specifications and BOQ for ground investigations as per ICE, UK & IS, design of ground improvement methods for marine clays and reclaimed fills, preparation of specification for pile testing and construction, review of piling tender documents and review of pile load test reports and recommending the allowable capacity.



**Mr. Suresh Kumar Gupta. P**  
Senior TGE Sr. Lead for India and  
Manila, Jacobs, India;  
Practitioner Advisor of  
ASCE SVEC Student chapter,  
Department of Civil Engineering,  
SVEC

His experience includes supervision of test piles, GI works and assessment of ground conditions by reconnaissance survey etc. Well versed with AASTHO, Euro, UAE, MRTS, BS, ASTM and IS codes.

The main areas of his expertise includes Shallow foundation design and settlement assessment, Pile foundation design in soils & rocks (Mono & Group), Settlement calculations (Embankments/fills & Shallow Foundations), Experience on Marine clays, Well Foundations, Assessment of compactness of Reclaimed area, Slope stability & Mitigation measures, Ground Improvement techniques and Earth Retaining systems.

He is having various relevant Project Experience in National and International level in field of Geotechnical Engineering and also published research paper in various conferences and Symposiums.

He is a Life Member of IGS; Sr.AM ASCE, USA; MICE, CEng, ICE UK.

He is a recipient of TAP Award for being outstanding for technical excellence – 2020 and EVE Award Finalist in 2014, PETROFAC.

**Online Guest Lecture on  
"Approach Towards Sustainable Design and Forensic Study"**

**29<sup>th</sup> November 2021**

**List of Participants**

S. No.	Roll No.	Name of the Student
1.	20121A0101	ABHESH KUMAR YADAV
2.	20121A0102	AJAY PRASAD CHAUDHARY
3.	20121A0103	AMBAREDDY SATHYA SRAVANI
4.	20121A0104	ARENDRA CHARAN KRISHNA
5.	20121A0105	BANDI AJAY
6.	20121A0106	BANDI SAI HARSHITHA
7.	20121A0107	BASI REDDY VENKATA KASI REDDY
8.	20121A0108	BHIMUNIPADU DHANUNJAYUDU
9.	20121A0109	BIZILI GOWTHAM LOHITH
10.	20121A0110	BOLI MOUNEESH KUMAR
11.	20121A0111	BOVILLA MOUNIKA
12.	20121A0112	BOYA SRAVANI
13.	20121A0114	BYALLA ARUNA JYOTHI
14.	20121A0115	C AKHILA
15.	20121A0116	CHANDRAGIRI KALYANI
16.	20121A0117	CHAPALA NITHEESH
17.	20121A0118	CHAVUTURU SRINITHA
18.	20121A0120	DASARIRAJU SARATH CHANDRA
19.	20121A0121	DUVVURU LEELA MADHURI
20.	20121A0122	ENJAM NAVYA
21.	20121A0123	GAJULAPALLI NAGARJUNA REDDY
22.	20121A0124	GANGARAPU BHARGAVI
23.	20121A0125	GNANA PRAKASH REDDY N
24.	20121A0126	GOSALA MAMATHA
25.	20121A0127	GUJJALA KRISHNA NARASIMHA
26.	20121A0128	GUJJALA VENKATESH
27.	20121A0129	GUNDAM KOWSHIK REDDY
28.	20121A0130	GUTTHI REDDY THANUSHA
29.	20121A0131	HANUMANTHAGUNDAM MAHAMMAD HUSSAIN
30.	20121A0132	INTURI SUDHAKAR KUSUMA
31.	20121A0133	JALLA MUNESWAR REDDY
32.	20121A0134	JANGLI SHAIK MAHABOOB BASHA
33.	20121A0135	JERUBANDI GOWTHAM KALYAN RAM
34.	20121A0137	KADUMURI SAI CHAITAYANA VARMA
35.	20121A0138	KAMMARI NARASIMHA
36.	20121A0139	KAMPARAJU BHARGAV GOUD
37.	20121A0140	KATHULAPALLI VINAY KUMAR REDDY
38.	20121A0141	KAVADI ABHINAI SAI
39.	20121A0142	KESAMAREDDY MOUNIKA REDDY



S. No.	Roll No.	Name of the Student
40.	20121A0143	KHODGAAD SAMEER BASHA
41.	20121A0144	KIRAN KUMAR YADAV
42.	20121A0146	KOKAVARI INDRA SENA NAIDU
43.	20121A0147	KOMERA MADHUSUDHAN
44.	20121A0148	KONA KAVYA
45.	20121A0152	KOTRA JYOTHIKA
46.	20121A0153	KUNCHI RAVI TEJA
47.	20121A0154	MUKESH KUMAR RAM
48.	20121A0155	POOJA YADAV
49.	20121A0156	RAIYAN AHAMAD KHAN
50.	20121A0157	RAJIV KUMAR SAH TELI
51.	20121A0158	RAK KUMAR YADAV
52.	20121A0159	SANTOSH KUMAR THAKUR
53.	20121A0160	SURAJ YADAV
54.	20121A0162	MACHUPALLE MUNI VARDHAN REDDY
55.	20121A0164	MADIGA LAVANYA
56.	20121A0165	MADUGUNDU PRASHANTH
57.	20121A0167	MANNEM SRIKANTH
58.	20121A0168	MARTHALA AKHILA
59.	20121A0170	MEENUGA BHARATH RAJ
60.	20121A0171	MOPURI JYOSHNAVI
61.	20121A0172	MUDDALA GANESH
62.	20121A0174	MUDE VISWANADHA NAIK
63.	20121A0175	MULLA SAYYAD SHAHID RAJA
64.	20121A0176	MURAHARI PUSHKAL
65.	20121A0178	NIMPANNAGARI DHARMA TEJA
66.	20121A0179	NUKAPAPUGARI POJITH KUMAR REDDY
67.	20121A0181	POLA NAGAVENI
68.	20121A0182	POOLA SNEHALATHA
69.	20121A0183	POTHURAJU SIVA SAI
70.	20121A0184	PUTTAM VENKATESH BABU
71.	20121A0185	RAJESWARI DEVAKUNTA
72.	20121A0187	SALAMMA GARI SAI DHARANI
73.	20121A0189	SANKARAPU PENCHALAI AH
74.	20121A0190	SEEMALA LIKHITH REDDY
75.	20121A0191	SHAIK ARKAT MAHAMUDA
76.	20121A0194	SHAIK MOHAMMED SAMEER
77.	20121A0195	SREERAMULA YASWANTH
78.	20121A0197	SWANI MANIK REDDY
79.	20121A0199	TAPPETA KARTHIK
80.	20121A01A0	TELUGU CHANDRA SEKHAR
81.	20121A01A1	TELUGU VAMSI
82.	20121A01A3	UPPU SASI REKHA
83.	20121A01A4	V UMESHCHAND

S. No.	Roll No.	Name of the Student
84.	20121A01A5	VADDI SONIYA
85.	20121A01A6	VUDUMULA GNAN KIRAN
86.	20121A01A7	YELLANURU VARUN
87.	20121A01A8	YELLASIRI MANAS MOHAN
88.	20121A01A9	YETURU SEKHAR
89.	19121A0101	A GNANENDRA REDDY
90.	19121A0105	AMAN KUMAR
91.	19121A0106	AMBAVARAM UMA VYBHAVI
92.	19121A0107	ARAVA BALAJI
93.	19121A0108	B GANESH
94.	19121A0109	BALANNAGARI YUVA SREE
95.	19121A0110	BANDAPALLI SIVA KUMAR
96.	19121A0111	BANDLAPALLI VAMSY KRISHNA
97.	19121A0112	BHUMIREDDY THARUN BALAJI
98.	19121A0113	BOREDDYVARI GAJENDRANATH REDDY
99.	19121A0114	BOTIKA SRIDHAR KUMAR
100.	19121A0115	BUTHURU VENKATA CHAITANYA KUMAR REDDY
101.	19121A0117	C S MOHAMMED OMER FAZIL
102.	19121A0118	CHAKALI SUBBA KESHAVA
103.	19121A0119	CHAKALI UPENDRA
104.	19121A0120	CHAKALI YERRI SWAMY
105.	19121A0121	CHEMBAKOORI VINOD KUMAR
106.	19121A0122	DERANGULA SRIKANTH
107.	19121A0123	DUDEKULA SUHEL
108.	19121A0124	DULAM NAGABABU
109.	19121A0125	EDAGOTTI PAVAN KALYANI
110.	19121A0127	G VINOD YADAV
111.	19121A0128	GANGALLA SREEKANTH
112.	19121A0129	GINKALA HARSHITHA
113.	19121A0130	GUDIPOGULA ABILASH
114.	19121A0131	INDRAVATH BHASKAR NAIK
115.	19121A0132	JANGAM CHANDRA SEKHARAYYA
116.	19121A0133	KADAVAKALLU SUNITHA
117.	19121A0134	KAILASAM AMAR NATH
118.	19121A0136	KAPPADI MEGHANA
119.	19121A0137	KASANURU AKHILA
120.	19121A0140	KEERTHIPATI VISHNU TEJASWAR RAJU
121.	19121A0141	KETHARAPU SRAVANI
122.	19121A0142	KOLA LIKHITHA SREE
123.	19121A0144	KONDETI YASHITH RAM
124.	19121A0147	KONDURU SREENIVASULU
125.	19121A0148	KOTAKONDA TEJA
126.	19121A0149	KUMMARA SAI LEELA
127.	19121A0150	KUMMARI ANJITH KUMAR

S. No.	Roll No.	Name of the Student
128.	19121A0151	LAKKIREDDY GARI RAMALINGA REDDY
129.	19121A0152	LEKKALA KIRANMAYEE
130.	19121A0153	M HARI NARAYANA
131.	19121A0154	MADAM GIRI VENKATA SAI PRASAD
132.	19121A0155	MATTA BHAVYA
133.	19121A0156	MEKALA SREE CHARAN JAYA CHENNA
134.	19121A0157	MENILA AKHILA
135.	19121A0159	MOTA MOHAN MURALI
136.	19121A0161	AMIT YADAV
137.	19121A0162	ANIL KUMAR SAH
138.	19121A0163	ARBIND KUMAR SAH
139.	19121A0164	ARUN YADAV
140.	19121A0165	BHUPEN MAJHI THARU
141.	19121A0166	BIMAL NARAYAN CHAUDHARY
142.	19121A0167	BINESH PD YADAV
143.	19121A0171	MUSALI SURYAPRAKASH
144.	19121A0172	MUTHYALANAIDUGARI KARTHIK
145.	19121A0173	NABIN KUMAR MAJHI
146.	19121A0174	NADAVALA PAVAN KUMAR
147.	19121A0176	NELLORE NITHESH KUMAR REDDY
148.	19121A0177	NISHANT YADAV
149.	19121A0178	O MONISHA
150.	19121A0179	P RAHUL SAI
151.	19121A0180	PALAPARTHI MUNIBHASKAR
152.	19121A0181	PALLAPU VENKATA KUMAR
153.	19121A0182	PANGALURU MOUNIKA
154.	19121A0183	PERAM TEJA YASWANTH REDDY
155.	19121A0184	PITTA LATHA
156.	19121A0186	PRABIN KARKI
157.	19121A0187	PRAVAKAR MANDAL
158.	19121A0188	PULICHERLA LOKESWAR
159.	19121A0189	PULLURU KISHORE
160.	19121A0190	PUSPHAGIRI DHANVI PRIYA
161.	19121A0191	RACHAKATTA SURENDRA
162.	19121A0193	RAGULA SAIKUMAR REDDY
163.	19121A0194	REDDYPALLI KURUBA PUSHPA
164.	19121A0195	RODDAM SAI PUNEETH
165.	19121A0196	SAKE HARSHITHA
166.	19121A0197	SANTA KIRANSAI
167.	19121A0198	SHAIK MANSOOR
168.	19121A0199	SHAIK MOHAMMED ASIF
169.	19121A01A0	SHAIK NISSAR
170.	19121A01A2	SHYAM CHAUDHARY
171.	19121A01A3	SIRIVARAM SRINIVASULU

S. No.	Roll No.	Name of the Student
172.	19121A01A4	SURATHOTI PAVAN KUMAR
173.	19121A01A5	SURESH KUMAR YADAV
174.	19121A01A6	TATIPARTHI SURYATEJA
175.	19121A01A9	THIMMAPURAM RAMYA SREE
176.	19121A01B0	THUMMALA MANJUNATH GOWD
177.	19121A01B1	UPPALA MOHAN SAI
178.	19121A01B2	VADDE HIMAKAR HITHISH
179.	19121A01B3	VAGGANAGARI HARI PRASAD
180.	19121A01B4	VANKELA PHANINDRA REDDY
181.	19121A01B5	VAYALA NARENDRA
182.	19121A01B6	VELPULA VENKATA SRAVAN KUMAR
183.	19121A01B8	YASARAPU MAHESHBABU
184.	19121A01C0	YENAMALA ASHOK SAI PRASAD REDDY
185.	19121A01C1	YERIKULA SAI KIRAN
186.	19121A01C3	AMAN MAJHI
187.	19121A01C4	RAUSHAN PRASAD YADAV
188.	20125A0102	CHOWDAM VENKATA CHARAN
189.	20125A0103	DASARI TEJASWINI
190.	20125A0104	ERLA HEMANTH GANESH
191.	20125A0105	GURRAM RANGANATHA TEJA
192.	20125A0106	GURRAM SUMALATHA
193.	20125A0107	MEDIYAM SIVASHANKAR REDDY
194.	20125A0108	MOODE REDDI NAIK
195.	20125A0109	NAKKALA DEVENDRA
196.	20125A0110	NALLATUR GEETHA NANDINI
197.	20125A0111	POTHUGUNTA AZARUDDIN
198.	20125A0112	RAYALLA SWETHANA
199.	20125A0113	V KRISHNA SAI
200.	20125A0114	AGGARAPU YASWANTH KRISHNA
201.	20125A0115	ARAGONDA YUGANDHAR
202.	20125A0116	B SAI PRAKASH
203.	20125A0117	BANDARI BHARATH KUMAR
204.	20125A0118	BOONAPALLE LOKESH BABU
205.	20125A0120	G BHANU PRAKASH
206.	20125A0121	KALLURI PRANEETH KUMAR REDDY
207.	20125A0122	KANCHARLA REDDAIAH
208.	20125A0123	MANDHI REDDY KRISHNA PRASAD
209.	20125A0124	POLAM SAINATH REDDY
210.	20125A0125	PONNALA PURUSHOTHAM
211.	20125A0126	SINGU SIREESHA
212.	20125A0127	THOLETI UDAY KUMAR REDDY
213.	18121A0108	AVULA DHANUSREE
214.	18121A0112	BHUMIREDDY DINESH KUMAR REDDY
215.	18121A0115	BOMMAJJI SHASHANKA

S. No.	Roll No.	Name of the Student
216.	18121A0116	BOYA BHASKAR
217.	18121A0119	CHENNAMSETTY JAYA SRINIKETH
218.	18121A0124	DAKKA SREENIVAS
219.	18121A0131	E SRAVANI
220.	18121A0143	GUDLAGANGAPPAGARI KIRAN
221.	18121A0146	KANDEPU SAI CHARAN
222.	18121A0170	PATHIKONDA PRATHYUSHA
223.	19125A0123	SAVARALA MOHANA KRISHNA
224.	19125A0129	VADITHYA SIVAKUMAR NAIK

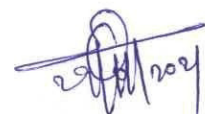


**Faculty Advisor**  
**ASCE SVEC Student Chapter**

**Online Guest Lecture on  
"Approach Towards Sustainable Design and Forensic Study"  
29<sup>th</sup> November 2021**

**List of Participants**

S. No.	Name of the Faculty	Designation
1	Dr. O. Eswara Reddy	Professor, HoD and BOS-Chairman
2	Dr. Hemadri Prasad Raju	Associate Professor
3	Mr. D. Srinivasa Murthy	Assistant Professor
4	Mrs. G. Gnana Prasanna	Assistant Professor
5	Mr. V. Prem Kumar	Assistant Professor
6	Mr. P Anil Kumar	Assistant Professor
7	Mr. D. V. Purushotham	Assistant Professor
8	Mr. M. P. Charan Sai	Assistant Professor
9	Mr. M. Tharunkumar	Assistant Professor
10	Mr. M. S. Yuvaraj	Assistant Professor
11	Mr. S. Sudheer Kumar	Assistant Professor
12	Mr. Shaik Nurulla	Assistant Professor
13	Mr. P. Siva Kumar	Assistant Professor
14	Dr. Rangari Vinay Ashok	Assistant Professor
15	Dr. A. Chithambar Ganesh	Assistant Professor
16	Dr. Sagarika Panigrahi	Assistant Professor
17	Dr. M. Jaya Theja	Assistant Professor



**Faculty Advisor  
ASCE SVEC Student Chapter**

Department: **CIVIL ENGINEERING** | Date: **29<sup>th</sup> November 2021**

**Online Guest Lecture on**  
**"Approach Towards Sustainable Design and Forensic Study"**  
**29<sup>th</sup> November 2021**

The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized an Expert Lecture on "**Approach Towards Sustainable Design and Forensic Study**" for B.Tech. CE Students under ASCE SVEC Student Chapter **29<sup>th</sup> November 2021** through Zoom Platform. The objective of the program is to bring eminent industry experts to share their knowledge and experiences with the students in the field of civil engineering. This program is helpful for the students to understand Construction Engineering, Geotechnical Engineering and making them aware of the advancements therein.

The resource person was an eminent personality from the industry, **Mr. Suresh Kumar Gupta. P**, TGE Sr. Lead for India and Manila, Jacobs, India; Practitioner Advisor of ASCE SVEC Student Chapter, Department of Civil Engineering, SVEC. He explained the ideas and experiences in Construction and Geotechnical Engineering and their importance; sustainability design and forensic study along with case studies.

A total of **224 students** from II, III and IV B.Tech. Civil Engineering I Semester and **17 faculty members** from the host department were participated in the session. Dr. O. Eswara Reddy, Professor, HoD and BOS Chairman, Department of Civil Engineering, SVEC and Faculty Advisor-ASCE SVEC Student Chapter and Convener of the Program; Mr. D. V. Purushotham, Assistant Professor, Coordinator-ASCE SVEC Student Chapter and Coordinator of the Program graced the occasion. Office bearers of ASCE SVEC Student Chapter were the organizers of this program. During the program session, expert has shared his rich knowledge of construction engineering along with case studies with all the participants.

On the whole, the event has proved successful. Online Guest Lecture is a way of enriching our students with the latest developments in civil engineering by an eminent industry by an eminent practicing engineer beyond curriculum. Further, students will get inspiration from the speaker, provides a chance to students to meet an eminent personality from the industry and better interaction between the speaker and the department on various issues.

In addition, **Mr. Suresh Kumar Gupta. P** interacted with the Office bearers of ASCE SVEC Student Chapter and faculty of civil engineering and gave suggestions for student chapter, teaching and research frontiers for faculty. He appreciated the efforts of management, faculty and staff.

The photographs of the session of the program are as follows.

Guest Lecture on  
**Approach Towards Sustainable  
Design And Forensic Study**

Date: **29-11-2021** & Time: **02:00 PM**

Resource Person

**Mr. Suresh Kumar Gupta. P**

TGE Sr. Lead for India and Manila, Jacobs, India;  
Practitioner Advisor of ASCE SVEC Student Chapter,  
Department of Civil Engineering, SVEC.



Organized By

**ASCE SVEC Student Chapter**  
Department of Civil Engineering,  
**SREE VIDYANIKETHAN ENGINEERING COLLEGE,**  
Sree Sainath Nagar, Tirupati - 517102



Event Banner



**SREE VIDYANIKETHAN ENGINEERING COLLEGE**  
(AUTONOMOUS)

Sree Sainath Nagar, Tirupati – 517102

(Affiliated to JNTUA Anantapuramu, Approved by AICTE, Accredited by NBA; NAAC with 'A' Grade)



Online Guest Lecture on  
**"Approach Towards Sustainable Design and Forensic Study"**  
by



**Mr. Suresh Kumar Gupta. P**

Senior TGE Sr. Lead for India and Manila, Jacobs, India;  
Practitioner Advisor of ASCE SVEC Student chapter,  
Department of Civil Engineering, SVEC

**November 29, 2021 @ 2:00 pm**

Organized by

**ASCE SVEC Student Chapter**  
Department of Civil Engineering, SVEC



PMID: **638 234 9773**  
Passcode: **323444**

**Chief Patrons**

**Dr. M. Mohan Babu**  
Chairman, SVET

**Sri. Vishnu Manchu**  
CEO, SVET

**Patron**

**Dr. L. Venugopal Reddy**  
Advisor Cum Director, SVET

**Dr. P. Giridhara Reddy**  
Director (A&R), SVEC

**Convener**

**Dr. B. M. Satish**  
Principal, SVEC

**Dr. O. Eswara Reddy**  
Faculty Advisor, ASCE SVEC Student Chapter  
HoD and Chairman-BoS, Dept. of Civil Engg.

**Coordinator**

**Mr. D. V. Purushotham**  
Coordinator  
ASCE SVEC Student Chapter

Event Poster





**Mr. Suresh Kumar Gupta. P**  
Senior TGE Sr. Lead for India and  
Manila, Jacobs, India;  
Practitioner Advisor of  
ASCE SVEC Student chapter,  
Department of Civil Engineering,  
SVEC



**Mr. Suresh Kumar Gupta. P** is TGE Sr. Lead for India and Manila, Jacobs, India; Chartered Civil Engineer, ICE UK and also Practitioner Advisor of ASCE SVEC Student chapter. He has around 18+ years of experience in the field of Geotechnical engineering.

He received his Diploma in Civil Engineering from SESC Govt. Polytechnic, Nandyal (1999); B.Tech (Distinction) in Civil Engineering from S.V. University, Tirupati (2004); M.Tech (Hons) in Geotechnical Engineering from IIT-Delhi, India (2006)

He worked on large scale projects in infrastructure and oil and gas industries. He worked on Middle East, Singapore, Australia, USA, UK and India projects.

His experience covers widely in design of shallow and deep foundations, enabling works design like earth retention systems, assessment of stability of slopes, review of factual geotechnical reports, preparation of Geotechnical interpretative reports, preparation of scope, specifications and BOQ for ground investigations as per ICE, UK & IS, design of ground improvement methods for marine clays and reclaimed fills, preparation of specification for pile testing and construction, review of piling tender documents and review of pile load test reports and recommending the allowable capacity.



**Mr. Suresh Kumar Gupta. P**  
Senior TGE Sr. Lead for India and  
Manila, Jacobs, India;  
Practitioner Advisor of  
ASCE SVEC Student chapter,  
Department of Civil Engineering,  
SVEC



His experience includes supervision of test piles, GI works and assessment of ground conditions by reconnaissance survey etc. Well versed with AASTHO, Euro, UAE, MRTS, BS, ASTM and IS codes.

The main areas of his expertise includes Shallow foundation design and settlement assessment, Pile foundation design in soils & rocks (Mono & Group), Settlement calculations (Embankments/fills & Shallow Foundations), Experience on Marine clays, Well Foundations, Assessment of compactness of Reclaimed area, Slope stability & Mitigation measures, Ground Improvement techniques and Earth Retaining systems.

He is having various relevant Project Experience in National and International level in field of Geotechnical Engineering and also published research paper in various conferences and Symposiums.

He is a Life Member of IGS; Sr.AM ASCE, USA; MICE, CEng, ICE UK.

He is a recipient of TAP Award for being outstanding for technical excellence – 2020 and EVE Award Finalist in 2014, PETROFAC.

#### Guest Speaker Profile



Guest Lecture on  
**Approach Towards Sustainable  
Design And Forensic Study**

Date: **29-11-2021** & Time: **02:00 PM**

Resource Person

**Mr. Suresh Kumar Gupta. P**

TGE Sr. Lead for India and Manila, Jacobs, India;  
Practitioner Advisor of ASCE SVEC Student Chapter,  
Department of Civil Engineering, SVEC.



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Welcome Address by Ms. A. Susmitha, President, ASCE SVEC Student Chapter



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*Dr. O. Eswara Reddy, Faculty Advisor, ASCE SVEC Student Chapter;  
Professor, HoD and BOS Chairman, Dept. of Civil Engineering, SVEC inviting the Expert*

## Guest Lecture on Approach Towards Sustainable Design And Forensic Study

Date: **29-11-2021** & Time: **02:00 PM**

Resource Person

**Mr. Suresh Kumar Gupta. P**

TGE Sr. Lead for India and Manila, Jacobs, India;  
Practitioner Advisor of ASCE SVEC Student Chapter,  
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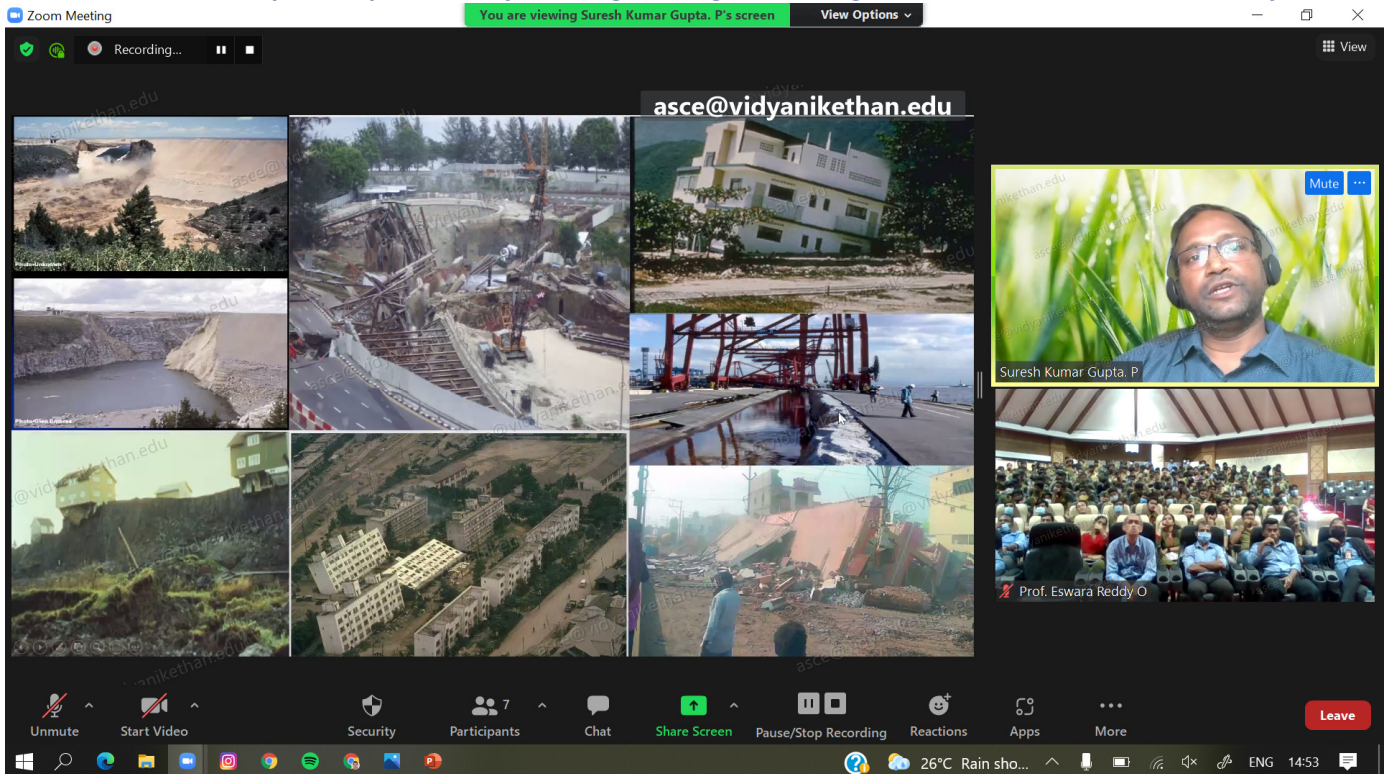


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*Mr. Suresh Kumar Gupta. P, TGE Sr. Lead for India and Manila, Jacobs, India; Practitioner Advisor of ASCE SVEC Student Chapter, Department of Civil Engineering, SVEC congratulates the Students and Faculty*



*Mr. Suresh Kumar Gupta. P delivering an Online Guest Lecture on  
"Approach Towards Sustainable Design and Forensic Study"*

Zoom Meeting | You are viewing Suresh Kumar Gupta, P's screen | View Options

Recording... | asce@vidyanikethan.edu

## Sustainability

Key triggers to the idea of sustainability

- Degradation of Earth's life-supporting capacity
- Socio-economic issues (i.e., poverty and inequality)
- Impacts of current generation's decision-making on future generations

**What is Sustainability (3 P's / 3 E's)**

Sustainability means ensuring prosperity and development (built environment) by ensuring that meets the **needs** of the present and without compromising the ability of future generations to meet their **needs**

Ban-Ki-Moon – Former UN Secretary-General

**Adopted by UN General assembly in 2015**  
Agreed by 169 countries; 17 SDG's – Universal Goals; Challenges Target by 2030

"Betterment of nation starts with the betterment of one person's one family's life"



**JACOBS**

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## Role of Professional Engineer

Engineering design & construction - a narrow, one-dimensional view of technical efficacy with the implicit assumption that the *nature is an infinite source of resources*, perpetually regenerative, with an indefinite capacity to *absorb all waste*.

- Know clearly about the scope
- Select best option
- Identify, record and communicate residual risks
- Make it easy for everyone

**ICE, UK – Code of conduct**

1. Professional duties - with integrity
2. Undertake work, competent to do
3. Due regard to public interest & future generations
4. Regard to Environment & sustainable management
5. Continuous development of knowledge, skills and assisting others to achieve

**Charter Engineer, ICE, UK**

1. Knowledge and understanding of engineering
2. Technical and practical application of engineering
3. Management and leadership
4. Independent judgement and responsibility
5. Commercial ability
6. Health, safety and welfare
7. Sustainable development
8. Interpersonal skills and communication
9. Professional commitment

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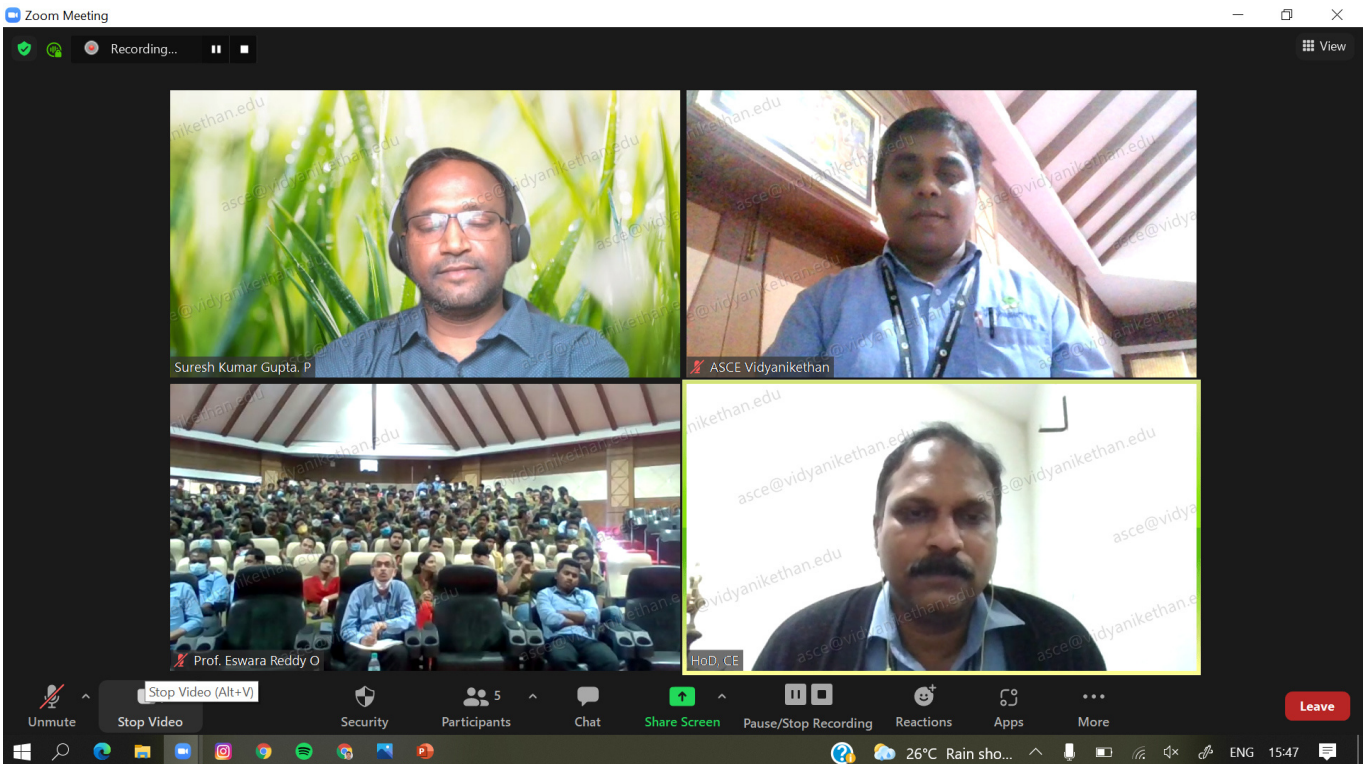
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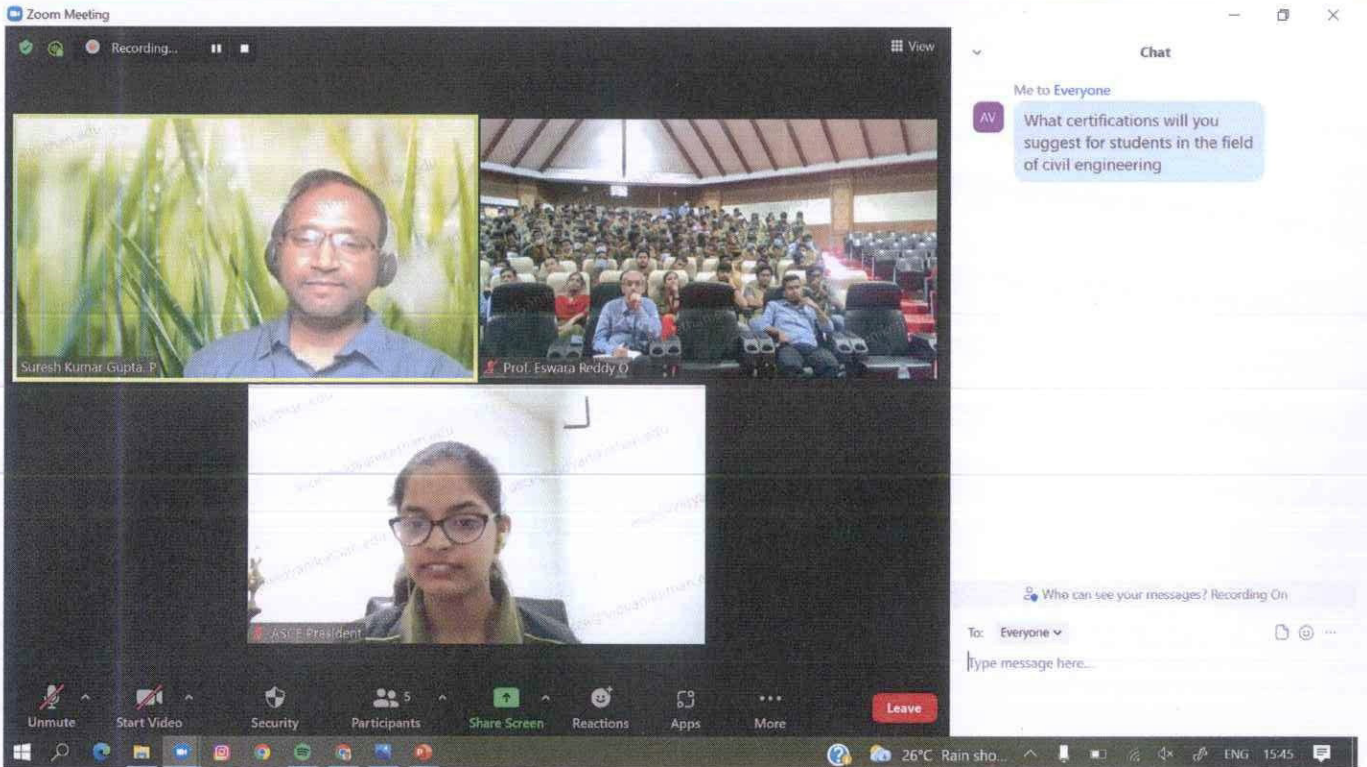
**Mr. Suresh Kumar Gupta, P delivering an Online Guest Lecture on "Approach Towards Sustainable Design and Forensic Study"**



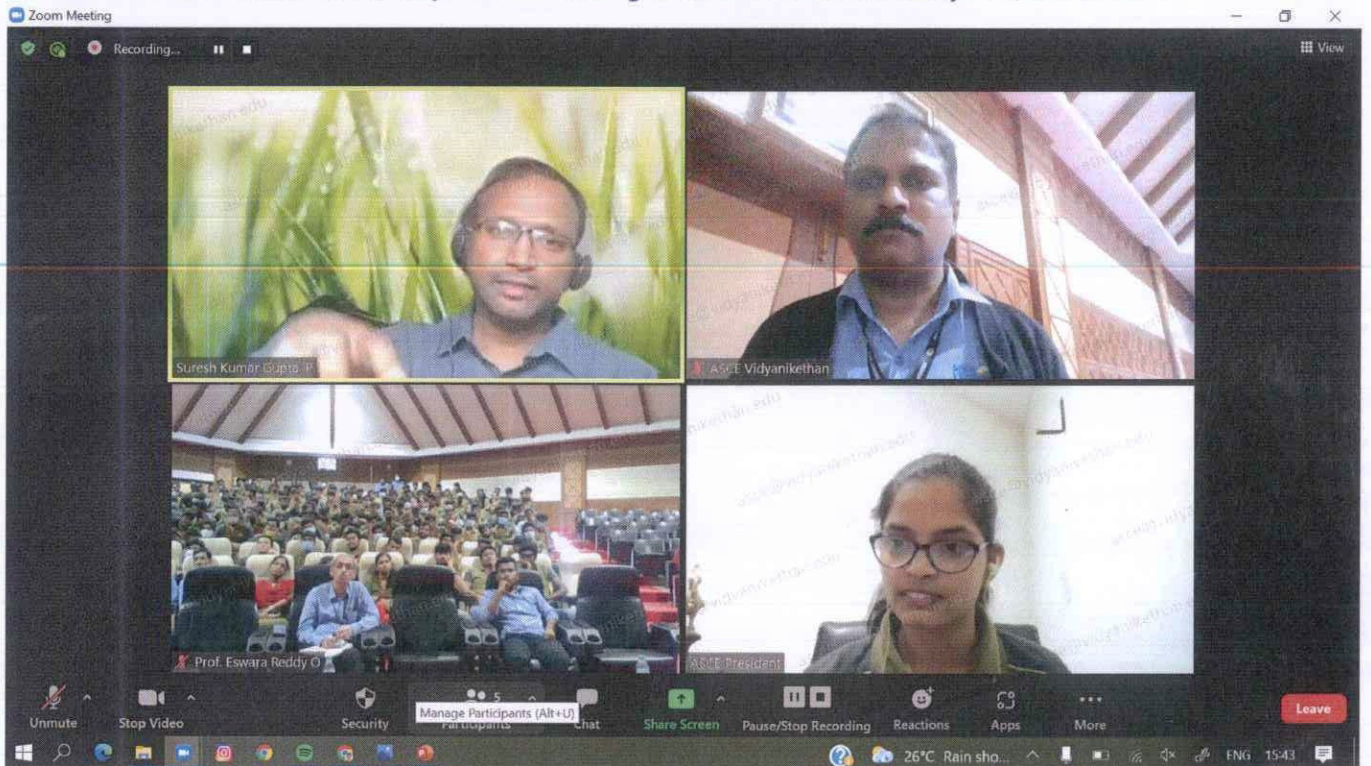
*Faculty and Students Listening to the Lecture*




*Dr. O. Eswara Reddy, Faculty Advisor, ASCE SVEC Student Chapter;  
Professor, HoD and BOS Chairman, Dept. of Civil Engineering, SVEC appreciating the Expert*



**Mr. Suresh Kumar Gupta. P interacting with Students and Faculty in Q & A Session**



**Mr. Suresh Kumar Gupta. P appreciating the ASCE SVEC Student Chapter Team**

  
**(Dr. O. ESWARA REDDY)**  
Faculty Advisor  
ASCE SVEC Student Chapter  
Professor, HoD and Chairman-BOS