

Department: CIVIL ENGINEERING | Date: 29th October, 2020

Guest Lecture on
“PILE INTEGRITY TEST METHODS WITH CASE STUDIES”
29th October 2020

The Department of Civil Engineering of Sree Vidyanikethan Engineering College has organized a Guest Lecture on **“Pile Integrity Test Methods with Case Studies”** under **IGS Sree Vidyanikethan Engineering College Student Chapter** on **29 October, 2020** for the benefit of all Civil Engineering Students and Faculty members.

The resource person was an eminent personality from the Industry, **Dr. C. R. Parthasarathy**, (Ph.D., IISc Bangalore), Founder, Chairman and Managing Director, Sarathy Geotech & Engineering Services Pvt. Ltd., Bengaluru.

The program session was conducted online through Zoom Platform and the same was live on YouTube. Resource person shared his rich knowledge of the subject with all the participants and enriched them with the concept of Pile Integrity Test Methods. Also, he shared practical constraints that shoot up during field executions along with case studies and insights on career opportunities in the field of geotechnical engineering. A total of 124 students and 18 faculty members from the host institution were participated in the program.

Online guest lecture enhanced the technical knowledge of students and faculty members on the importance of pile integrity test for evaluating the pile quality and integrity as a part of non-destructive testing. Dr. O. Eswara Reddy, Professor, HoD and BOS Chairman, Department of Civil Engineering, SVEC; Faculty Advisor-IGS SVEC Student Chapter; Convener of the Event; Mr. M. Tharun Kumar, Assistant Professor; Coordinator-IGS SVEC Student Chapter and Coordinator of the event graced the occasion. Office bearers of IGS SVEC Student Chapter were the organizers of this program. On the whole, the event was proved successful.

The photographs of the program are as follows.



29/10/2020

Dr. O. Eswara Reddy

Professor, HoD and BoS Chairman

Faculty Advisor- IGS SVEC Student Chapter



SREE VIDYANIKETHAN ENGINEERING COLLEGE
(Autonomous)
Sree Sainath Nagar, Tirupati – 517 102
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Indian Geotechnical Society Sree Vidyanikethan Engineering College
Student Chapter

Resource Person

Dr. C. R. Parthasarathy
(Ph.D, IISc, Bangalore)
Founder, Chairman and Managing Director
Sarathy Geotech & Engineering Services Pvt. Ltd.
Bengaluru

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11:00 A.M

Registration Link
<https://forms.gle/f4EAb7c2ssh2uDRL7>

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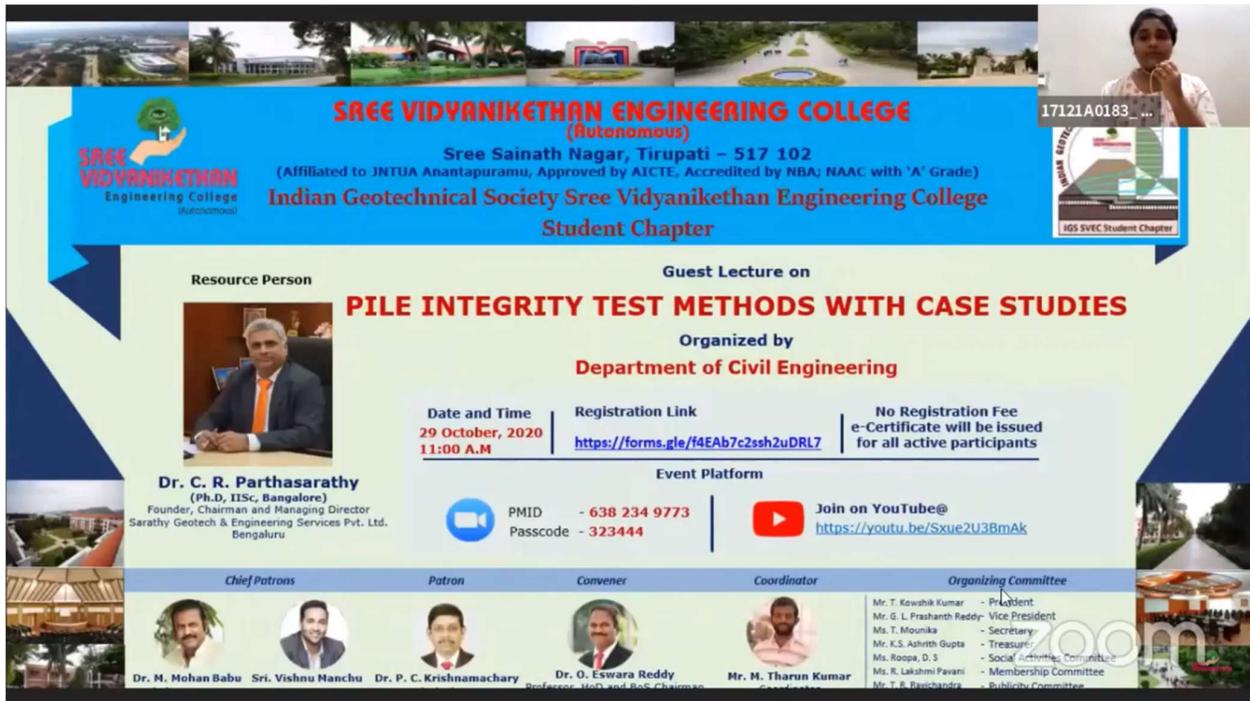
Event Platform

 PMID - 638 234 9773
Passcode - 323444

 **Join on YouTube@**
<https://youtu.be/Sxue2U3BmAk>

Chief Patrons	Patron	Convener	Coordinator	Organizing Committee										
 Dr. M. Mohan Babu Chairman, SVET	 Sri. Vishnu Manchu CEO, SVET	 Dr. P. C. Krishnamachary Principal, SVEC	 Dr. O. Eswara Reddy Professor, HoD and BoS Chairman & Faculty Advisor IGS SVEC Student Chapter	 Mr. M. Tharun Kumar Coordinator IGS SVEC Student Chapter 9492594305										
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Flyer of the Event



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Welcome Address by Ms. Roopa, D. S, Social Activities Committee Head – IGS SVEC Student Chapter

**Indian Geotechnical Society
Sree Vidyanikethan Engineering College (IGS SVEC) Student Chapter**



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Opening Remarks by Dr. O. Eswara Reddy, Professor, HoD and BOS Chairman,
Department of Civil Engineering, SVEC; Faculty Advisor-IGS SVEC Student Chapter



Dr C R Parthasarathy
Founder, Chairman and Managing Director,
Sarathy Geotech & Engineering Services Pvt. Ltd.
Bangaluru

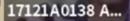
He started his career as a Geotechnical Engineer in 1993 and has completed numerous large scale site investigation/engineering studies at multi-storeyed complexes, refineries, embankments, bridges, water-retaining structures, offshore platforms, pipelines, Jackup rigs etc. He has rich experience in Site Characterisation & Deep Foundation testing. He is the user of PDI products for over two decades.

Dr CR Parthasarathy is the founder director of Sarathy Geotech & Engineering Services Pvt Ltd, the company with its registered office at Bangalore, India, was established in 2007 to provide geotechnical and testing services for both offshore and on land constructions in India and abroad.

As a technical partner of Pile Dynamics USA, he is instrumental in promoting quality testing of deep foundations in India and authorised trainer for high strain dynamic pile testing.

He is the life fellow of Indian Geotechnical Society (IGS), Elected National Executive Member of IGS for 2018-20 and Chairman, IGS-Bangaluru Chapter.





Introduction of the Chief Guest Dr. C. R. Parthasarathy by
Mr. K. S. Ashrith Gupta, Treasurer – IGS SVEC Student Chapter

PDI
Pile Dynamics, Inc.

ANOMOLIES IN PILE CONSTRUCTION

Necking Crack - Break Bulging

CR Parthasar...

Low Strain Impact Pile Integrity Testing using PIT

GOOD

0 5 10 15 20 25 30 35
25.00m (4150m/s) x 40
3: # 61 53 64

DEFECT

BAD

0 5 10 15 20 25 30 35
25.00m (4150m/s) x 40
3: # 51 54 55

CR Parthasar...

Dr. C. R. Parthasarathy, Founder, Chairman and Managing Director, Sarathy Geotech & Engineering Services Pvt. Ltd., Bengaluru delivering the Expert Lecture on "Pile Integrity Test Methods with Case Studies"

