

## ABOUT VRSEC:

Velagapudi Ramakrishna Engineering College (VRSEC) sponsored by Siddhartha Academy of General and Technical Education was established in the year of 1977. VRSEC is ideally located in the vast expanse of 24 acres of land in the Capital Region of Andhra Pradesh. VRSEC is offering 7 UG (B.Tech) and 9 PG (M.Tech) Programs in various specializations. Out of which 6 UG and 5 PG programs were accredited by NBA in Outcome Based Education Format (OBE). In addition, the institute is offering PG programs in MBA and MCA. Annually, the student intake of the institute is 1440 and total strength of the college is 5700. VRSEC was accredited by NAAC with 'A' grade and certified with ISO 9001:2015. UGC has conferred the Autonomous status to the Institute in the year 2018 for a period of 10 years.



## Brief profile of the Department:

One of the oldest departments of the college offers one undergraduate and two postgraduate programs. The department is privileged to be recognized as one of the best civil engineering departments in the state. The Department is the first to introduce M.Tech in Structural Engineering in the year 1999 and "First institute in private sector in Andhra Pradesh accredited by NBA under Washington Accord". M. Tech in Geo-technical engineering was introduced in the year 2016.

The Department has MoU with BOSCH, CREDAI, PEBS Pennar and other Private and Public Sector Organizations. The Department is offering consultancy services to various Government, Public and Private sectors like APPCB, NTPC, HPCL and VTPS etc. to an extent of ₹ 3crores per year.

**The Department of CE, VRSEC was awarded as Best Industry-Linked Technical Institute for Civil Engineering & Allied at National Level by AICTE - CII Survey for Industry Linked Technical Institute 2019.**

### Overview of the Program:

Forensic Analysis is an emerging discipline with a focus on understanding what went wrong, what could have happened and how failures can be prevented using engineering analysis principles in the case of failures of **Bridges and its allied fields**. In this analysis, steps involved are collection of data and their characterization, formulation of the hypothesis of failure, understanding of failure mechanisms, back analysis, consideration of testing and measurements in formulation of statements, reliability analysis and liability are discussed.

### Objective:

STTP brings about the appropriate awareness about tools applied in forensic analysis of bridges.

The organization of this STTP will enlighten the participants with the appropriate awareness about tools applied in forensic analysis of bridges.

### Coordinator

**Dr. V.V.N. Prabhakara Rao**

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### Co-Coordinator

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**All India Council for Technical Education,  
New Delhi and  
Siddhartha Academy of General and Technical  
Education, Vijayawada**

**ONE WEEK SHORT TERM TRAINING  
PROGRAMME (Online)**

on

**RECENT ADVANCES IN FORENSIC  
ANALYSIS OF SUB AND SUPER  
STRUCTURES-BRIDGE ENGINEERING  
Phase III**

**September 14th – September 19th , 2020**

**Chief Patron**

**Sri N. Venkateswarlu, President,  
Siddhartha Academy of General &  
Technical Education (SAGTE), Vijayawada**

**Patrons**

**Sri P. Lakshmana Rao, Secretary, SAGTE  
Sri S. Venkateshwara Rao, Treasurer, SAGTE  
Sri M. Rajayya, Vice-President, SAGTE**

**Workshop Chair**

**Dr. A.V. Ratna Prasad (Principal)**

**Convener**

**Dr. Ch. Srinivas (Head of Department, CE)**

**Coordinator**

**Dr. V.V.N. Prabhakara Rao**

**Co- Coordinators**

**Sri. G Phani Ram**

**Sri.Sk.Khaja Sameer**

**Organized by**

Department of Civil Engineering  
Velagapudi Ramakrishna  
Siddhartha Engineering College (Autonomous)  
Vijayawada, Andhra Pradesh, India

## Venue: ONLINE PLATFORM - ZOOM

### Who Can Participate?

This workshop is open to Faculty member at any academic or technical institution/ Industry Professional engaged in Civil engineering, any other allied areas, post graduate students and research scholars in Civil Engineering.

### Confirmation of Participation:

On receipt of the registration form, participants will be sent confirmation of their participation through Email by **12<sup>th</sup> September 2020**. The number of participants for this program is 300.

### Registration:

The program is open to all NBA and AICTE approved Engineering/Polytechnic college teachers, industry and field/practicing engineers and Post Graduate students. The selection will be based on first come first serve basis. Spot registration will be permitted. The Brochure cum Registration Form can be downloaded from the institute website

### How to Apply:

Eligible candidates may apply by submitting the scanned copy of the filled in registration form or **GOOGLE FORM** or Emailing attached registration form to [vedula@vrsiddhartha.ac.in](mailto:vedula@vrsiddhartha.ac.in) on or before **12<sup>th</sup> September, 2020** along with the applicable Registration Fee as shown in table.

### Registration link:

<https://forms.gle/Mny6wAboFa5yf8JQ8>

## Registration Fee: NIL

### RESOURCE PERSONS

1. Prof. Prem Krishna, Chairman, Research Council of CSIR-CBRI and Professor (Retd.), IIT Roorkee
2. Er. Vinay Gupta, CEO, Tandon Consultants Pvt. Ltd., New Delhi.
3. Er. PG Venkatram, Chief Technical Officer & Ex Chief Executive, L&T Infra. Engg Ltd., Chennai.
4. Er. PG Venkatram, Chief Technical Officer & Ex Chief Executive, L&T Infra. Engg Ltd., Chennai.
5. Prof. (Dr.) Vipul Prakash, Deptt. of CE, IIT Roorkee.
6. Er. Alok Bhowmick, MD, B&S Engineering Consultants Pvt. Ltd., Delhi.
7. Prof. (Dr.) Christos Thomas Georgakis, Professor, Department of Engg., Aarhus University, Denmark
8. Prof. (Dr.) Vipul Prakash, Deptt. of CE, IIT Roorkee.
9. Prof. (Dr.) Venkat Reddy, Retd. Professor, NITK.
10. Dr. Srimaruthi J, Structural Engineer, Tindal Corporation & Independent Researcher, SC, US
11. Dr. Gopal Rai, CEO, Dharendra Group of Company (DGC), Hon. Sec. IIBE, Mumbai.
12. Er. K. V. Sivannarayana, Head-Geotechnical, L&T Infrastructure Engineering Ltd., Chennai

### PATRON



All India Council for Technical Education,  
New Delhi

Siddhartha Academy of General and Technical  
Education (SAGTE), Vijayawada.

### REGISTRATION FORM

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## RECENT ADVANCES IN FORENSIC ANALYSIS OF SUB AND SUPER STRUCTURES -BRIDGE ENGINEERING Phase III

Sponsored by

All India Council for Technical Education,  
New Delhi & SAGTE

September 14<sup>th</sup> – September 19<sup>th</sup>, 2020

Name in full:

Designation:

Organization/Dept.:

Gender:

Education Qualification:

Postal address:

E-mail:

Mobile No.:

Accommodation: Yes / No

### Declaration by the Applicant

If selected, I agree to abide by the rules and regulations of the training programme and shall attend all the sessions

Signature of the Applicant:

Signature of the sponsoring authority