

## 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 **Geotechnical/Transportation 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 forensic analysis Applications in Transportation Engineering its allied fields

The organization of this STTP will create academic excellence by exposing faculty to recent trends and advancements of the forensic engineering.

### Coordinating Team

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

Cell:9769505807, E\_mail: [vedula@vrsiddhartha.ac.in](mailto:vedula@vrsiddhartha.ac.in)

**Sri.Sk.Khaja Sameer,**

**Cell:. 8688888118, Email: [sameer@vrsiddhartha.ac.in](mailto:sameer@vrsiddhartha.ac.in)**

**For any queries contact the Coordinating team.**



**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**

**Forensic Analysis Applications in Transportation  
Engineering (Recent Trends and Technics)**

**24– 29 Aug, 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)**

### Coordinating team

**Dr. V.V.N. Prabhakara Rao  
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 **Aug 22, 2020**. The number of participants for this program is 300. **Participation is allowed ONLY ON first come first served basis.**

### Registration:

The program is open to all NBA and AICTE approved Engineering /Polytechnic college Faculty, R&D Organization, industry, Research Scholars/ Post Graduate students. The selection will be based on first come first serve basis. 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 for spot registration **or** Google forms **or** Emailing attached registration form to [vedula@vsiddhartha.ac.in](mailto:vedula@vsiddhartha.ac.in) or before **Aug 22, 2020** along with the applicable Registration Fee as shown in table.

### Registration link:

<https://forms.gle/q7tGnEg9EZDDfQDw9>

## Registration Fee: NIL

### RESOURCE PERSONS

1. Prof (Dr).SL Dhingra, Institute Chair Professor, Emeritus Fellow of IITB, Powai, Mumbai
2. Prof(Dr) Sudhakar Reddy IIT, Kharagpur
3. Prof(Dr).Rajat Rastogi, IIT, Roorkee
4. Prof(Dr). M. Kumar, Principal, OU CoE, Hyderabad.
5. Prof(Dr). P.J.Gundaliya, Spl. Officer DTE Gujrat and Professor, L. D. College of Engineering, Ahmedabad.
6. Dr.S. Velmurugan, Senior Principal Scientist, Central Road Research Institute , New Delhi.
7. Dinesh Ganvir, HoD Principal Scientist, Central Road Research Institute , New Delhi.
8. Dr.Shriniwas Arkatkar, Associate Professor, SVNIT, Surat.
9. Dr.Vinayaka Ram, Associate Professor, BITS-Pilani Hyderabad.
10. Dr.Priyansh Singh, Assistant Professor, IIT, Indore.
11. Dr.K.Raghu Ram, Assistant Professor, NIT Warangal.
12. Dr.G.Harikrishna , Assistant Professor. SRM University, Amaravati, AP

### PATRON



All India Council for Technical Education,  
New Delhi

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

### REGISTRATION FORM

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on

**FORENSIC ANALYSIS APPLICATIONS IN  
TRANSPORTATION ENGINEERING  
(RECENT TRENDS AND TECHNIQS)**

Sponsored by  
All India Council for Technical Education,  
New Delhi & SAGTE

**24– 29 Aug, 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  
(with office seal)