

International Short-term Course on
**Sustainable Use of Geosynthetics in
Transportation Geotechnics**

(December 2-3, 2019)

Registration Form

I would like to register for participation in International short-term course on 'Sustainable Use of Geosynthetics in Transportation Geotechnics' which will be held on December 2-3, 2019.

Participants Name:
Designation:
Organization:
Highest Qualification:
Address for Correspondence:

Phone No:
Mobile No:
Email-ID:

Details of registration:

Cheque or DD.No:
Date:
Name of Bank:

Date Signature of the Participant

**Organizing Committee
Patron**

Dr. A.V. Ratna Prasad
Principal
Dr. B. Pandu Ranga Rao
Dean, Student Affairs

Chairman

Dr. Chava Srinivas
Professor and Head, Department of Civil Engineering

Coordinators

Dr. G.V. Rama Subba Rao
Associate Professor, Department of Civil Engineering
Dr. G. Vinil Kumar
Assistant Professor, Department of Civil Engineering
Dr. Ch. Rama Vara Prasad
Assistant Professor, Department of Civil Engineering

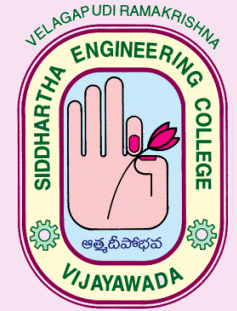
Address for Correspondence

Dr. G.V. Rama Subba Rao
Associate Professor
Department of Civil Engineering
V.R. Siddhartha Engineering College
E-mail: drgeovrs@vrsiddhartha.ac.in
Mobile: +91 9849448040

Location: The institution is ideally located in a vast expanse of 24 acres of land in Kanuru, Vijayawada, at a distance of about 8 km from the bus stand (PNBS) and 10 km from Railway station, on the Vijayawada-Machilipatnam Highway (NH 65).

International Short-term Course on
**Sustainable Use of Geosynthetics in
Transportation Geotechnics**

(December 2-3, 2019)



Organized by

Department of Civil Engineering
Velagapudi Ramakrishna
SIDDHARTHA ENGINEERING COLLEGE

(Autonomous)

Vijayawada - 520007

Visit us at: www.vrsiddhartha.ac.in

Sponsored by

Siddhartha Academy of
General and Technical Education

About Velagapudi Ramakrishna Siddhartha Engineering College (VRSEC)

VRSEC is sponsored by Siddhartha Academy of General & Technical Education established in the year 1977. The faculty, totaling 350 at present, comprises well qualified with varied experience and background. The faculty members take interest in continuing education and are actively engaged in research work and publish their findings regularly in National and International Journals and present in conferences. The college is ISO 9001-2015 certified, recognized by AICTE and accredited by NBA.

About Civil Engineering Department

The Department of Civil Engineering is one of the best Departments in the state with advanced equipment and experienced faculty. Seventeen of our faculty members have PhD degree from reputed universities. The Department of Civil Engineering was started initially with 60 seats in the year 1977. On gradual increase of demand, the intake was increased to 180 seats in the year 2010 by AICTE. The labs of the Department are timely modernized to cope up with the academics and for research and consultancy projects. The department is carrying out consultancy services to various Govt., Private and Public sectors. Civil Engineering Department is also offering Post-Graduate course (M.Tech) in Structural Engineering from 1999 and accredited by NBA in the year 2015. Subsequently M.Tech in Geotechnical Engineering was initiated in the year 2016. In the last 25 years, the Department has produced highly professional and competitive engineers. Department of Civil Engineering bagged AICTE-CII IndPact Award for Best Industry-linked Institute in the country.

About Geotechnical Engineering Division

The geotechnical engineering division in the short period of commencement has achieved best ranking amongst the private institutions in the Andhra Pradesh state with well qualified and experienced faculty

members. The GTE division consists of seven faculties apart from Dr. Sanjay Kumar Shukla, who is a distinguished professor in the Department of Civil Engineering. Six faculty members in GTE division are doctorates.

About the Course

The roads often have to be constructed across weak and compressible soil subgrades. The long-term interaction between the weak soil subgrade and the granular subbase/base layer, under the dynamic loads, is likely to cause the pumping erosion of soil subgrade and penetration of the granular particles into the soil subgrade, giving rise to permanent deflections and eventually to failure of pavement structures. Geosynthetics are being nowadays used to solve such problems. This course is aimed at explaining the details of application of geosynthetics in roads, focusing on the basic details, the analysis and design concepts, the application guidelines, and some case studies. These complete details are rarely taught in regular undergraduate classes in universities/colleges/institutes due to a very tight program with several core courses/subjects. In view of the success of geosynthetics globally, it is, therefore, required that practicing civil engineers, academicians and students are provided necessary exposure and understanding of geosynthetic applications in construction and maintenance of roads.

About the Speaker

Dr Sanjay Kumar Shukla is an internationally recognized expert in the field of Civil (Geotechnical) Engineering. He is the Founding Editor-in-Chief of International Journal of Geosynthetics and Ground Engineering, published by Springer Nature, Switzerland. He is also the Founding Research Group Leader (Geotechnical and Geoenvironmental Engineering) at Edith Cowan University, Australia. Dr. Shukla's primary areas of research interest include geosynthetics, ground improvement techniques, utilization of wastes in construction, earth pressure and slope stability, environmental, mining and pavement geotechnics, and soil-structure interaction.

He is an author/editor of 12 books, and more than 230 research papers.



Shukla's generalized expression for seismic active thrust (2015) and seismic passive resistance (2013) are routinely used by practicing engineers worldwide for designing the retaining structures. He has been honoured with several awards, including the most prestigious IGS Award 2018 by the International Geosynthetics Society. He is the Senior Editor of Cogent Engineering (Civil and Environmental Engineering), and serves on the editorial boards of more than 10 international journals.

Eligibility

Course is open for Students, Academicians, Researchers, and Working Engineers from Industries, Government and Private Concerns.

Registration

Registration fee for students is Rs. 200/- and faculty/researchers/participants from industry is Rs. 500/-. Registration Fee can be deposited through Bank Cheque/Demand Draft or Online payment. Account Name: Principal, VR Siddhartha Engineering College; Syndicate Bank; VRSEC branch, Account No. 33672200036049, IFSC: SYNB0003367. D.D. can be drawn in the favor of "Principal, V.R. Siddhartha Engineering College", payable at Vijayawada, should be sent to Organizing Secretary so as to reach on or before 24.11.19.