

ABOUT VIT

VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. VIT attracts students from all the 29 states of India and more than 41 different countries because of its academic excellence. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spurs us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. Govt. of India recognized VIT as the Institute of Eminence (IoE). The highly motivated youngsters on the campus are a constant source of pride. Our Memoranda of Understanding with various international universities are our major strength. They provide for an exchange of students and faculty and encourage joint research projects for the mutual benefit of these universities. Many of our students, who pursue their research projects in foreign universities, bring high quality to their work and esteem to India and have done us proud.

ABOUT SCE

The School of Civil Engineering (SCE) is a part of the institute since its inception. The school has grown tremendously over the past thirty years and is now recognized as one of the major engineering schools in VIT. The school has 46 faculty members from elite institutions

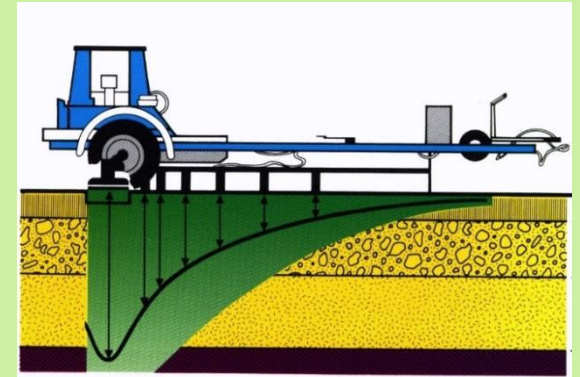
across the globe. Besides high-quality teaching and research at both UG and PG levels, faculty members of the school are actively involved in executing several R&D and Consultancy projects from government agencies including DST, ISRO, UGC, AICTE, and also from many reputed industries. The School of Civil Engineering, with its multifaceted faculty members, continues to maintain and cultivate its strong link with the infrastructural industry such as L&T, HCC, DLF, RAMCO, CCL, Godrej, and TATA Consultancy, etc. Civil Engineering at VIT has been ranked within the top 501-600 Universities of the World, by the Times Higher Education (THE), World University Rankings by Subject 2021.

ABOUT IGS

The Indian Geotechnical Society (IGS) established in the year 1948, having headquartered in New Delhi, is promoting cooperation among engineers for the advancement and dissemination of knowledge in the field of Soil Mechanics and Foundation Engineering and allied fields and their practical applications. To promote closer interaction amongst geotechnical engineers spread all over the country, local chapters of the Society were introduced in 1968. IGS – Vellore Chapter was inaugurated in 2013 and various events have been organized continuously for the benefit of local engineers and students.

A Two-Day Workshop on

Transportation Geotechnics



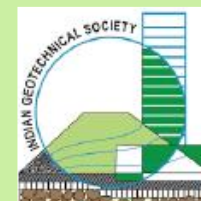
15-16 July 2022

Organized by



**School of Civil Engineering (SCE),
VIT, Vellore – 632014**

In association with



**Indian Geotechnical Society
Vellore Chapter**

ABOUT THE WORKSHOP

Transport Infrastructure is a key factor in modern economics. India's ambition of sustaining its relatively high growth depends on one important factor: Infrastructure development. Uncertainties and lack of knowledge when dealing with subsurface variability lead to unreasonably expensive and less sustainable infrastructure design. Optimal geotechnical design and addressing geotechnical issues practically will overall improve the resilience of transport infrastructure. Thus, the deep knowledge and understanding of the geotechnical properties of geomaterials and active participation of geotechnical engineers in the implementation of transport infrastructure projects is an absolute necessity.

Considering the recent major infrastructure investments in developed and developing countries, transportation geotechnics is becoming increasingly important. With this in mind, we arranged experts across the globe for providing a valuable resource for pavement and railroad track engineers, engineers, and professionals to keep up to date with the latest advances in this field. The workshop will include all aspects of characterization, improvement, and stabilization strategies of geomaterials including alternative design and construction. The program also covers the practical applications with case studies applicable to sustainable transportation infrastructure construction.

REGISTRATION

- **No registration fees**
- **For certificates (soft copy) - Rs. 100/-**

Kindly sign-in through the given link <https://events.vit.ac.in/> and select this particular event to complete the registration on or before **14th July, 2022**

Note: Registration is compulsory. The online link and other details of the workshop will be shared with the registered participants only.

VENUE

Online through Microsoft Teams

TOPICS TO BE COVERED

- Geosynthetics for Unpaved Roads
- Recycling of construction and demolition wastes for sustainable transportation infrastructures
- Soil Reinforcement Techniques for Sustainable Transportation
- Alternative Materials for Pavement Applications: Geotechnical Characterization and Stabilization Procedures.

RESOURCE PERSONS

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