

About VIT

VIT was founded in 1984 as Vellore Engineering College by Honourable Chancellor Dr. G. Viswanathan. From its humble beginning, the institution has grown exponentially to that of having more than 33,000 students. Students from all the states of India and from more than 50 countries are studying at VIT. VIT deemed to be university status was conferred in 2001 by MHRD Govt. of India in recognition of its excellence in academics, research and extracurricular initiatives. The National Institutional Ranking Framework (NIRF) of the MHRD, Government of India, has identified VIT 11th in research, 11th in engineering category, 8th in university category in 2022. In QS World University Ranking by Subject 2023, released on March 2023, VIT moved 106 positions up as compared to the last year (2022) in Engineering and Technology. This has made VIT the 9th best institution of India and the 240th best institution in the world in Engineering and Technology in 2023. VIT has gone for accreditation by NAAC [India], VIT obtained the highest possible grade of “A++” from NAAC during the 4th cycle process. 48 Professors of VIT are among the Top 2% Scientists in the world according to the study conducted by the Stanford University, USA in 2022. VIT has introduced many innovations in academic processes which adds value to every student - FFCS (Fully Flexible Credit System), for better learning, fully digitized academic portals that assist students in equipping themselves for 2023 market-place, Hack-a-thons / Make-a-thons as part of curriculum exercise which kindles the interest and the curiosity of students, which moulds them to be better problem solvers. The 8th module in every subject being handled by

industry experts, making the students contextualize the concepts they study in the classroom, are few of the innovations that VIT has introduced.

School of Civil Engineering

The School of Civil Engineering (SCE) is a part of the institute since its inception. The school has grown tremendously over the past thirty nine years and is now recognized as one of the major engineering schools in VIT. The school has more than fifty 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 a number of R&D and Consultancy projects from government agencies including DST, SERB, 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, FL Smith, Dalmia, Ultra Tech, TATA Consultancy, etc. The school has also regularly benefited from international linkages facilitated by the university level MoUs with a number of leading foreign universities, Research center and Industries.

About ICI VIT Student chapter

Indian Concrete Institute (ICI) was initiated at VIT, Vellore in the year 2015 to promote the growth of concrete construction and its sub-specializations, disseminate knowledge and to train personnel, collaborate with National and International agencies in organizing periodical seminars, conferences, workshops and exhibitions on the subject and arranges lecture series on selected topics of relevance to concrete construction.



One day workshop on

“Smart Dynamic Concrete”

Organized

By

Department of Structural and Geotechnical Engineering

SCHOOL OF CIVIL ENGINEERING

In Association with



21st November, 2023

Honorable Patron

Dr. G. Viswanathan, Chancellor, VIT.

Chief Patrons

Mr. Sankar Viswanathan, Vice President, VIT.

Dr. Sekar Viswanathan, Vice President, VIT.

Dr. G. V. Selvam, Vice President, VIT.

Patron

Dr. Rambabu Kodali, Vice Chancellor, VIT, Vellore.

Dr. Partha Sharathi Mallick, Pro-Vice Chancellor, VIT, Vellore.

Dr. T. Jayabharathi, Registrar, VIT, Vellore.

Convener

Dr. A. S. Santhi
Professor (HAG) & Dean, SCE, VIT, Vellore.

Co-Conveners

Dr. A. Punitha Kumar
Associate Professor & Head, SGE, VIT, Vellore.
Dr. S. Mahendran
Assistant Professor Sr. & Head, EWRE, VIT,
Vellore.

Workshop Coordinators

Dr. T. Shanmuga Priya, Assoc. Prof.
Dr. S. Bala Murugan, Assoc. Prof.

About Workshop

Smart dynamic concrete (SDC) is getting popular rapidly because of its potential to deliver considerable saving to designers, contractors and owners concerned. Moreover these saving are achieved without compromising the plastic and ultimate properties of concrete. SDC is a special type of non-segregating concrete that can settle into formwork and encapsulate heavily reinforced, narrow, and deep sections by its weight. SDC has gained wide spread use in the precast industry, where its advantages are easily verified and put to a profitable use to enhance the aesthetics and the durability of the precast elements.

The primary objective of this workshop is to introduce the new technology of smart dynamic concrete and the admixtures used to prepare the concrete mix. Additionally through demo session, this workshop highlights the new admixtures that are being used practically in the field. This workshop provides a platform for the students, researchers, faculty and industry persons to acquire the comprehensive knowledge in the field of SDC.

Resource Persons

Er. Ravi Shhankkar Subramaniam
Chief Executive – Technical & Operations.
Padmavathy Buildmat, Chennai - 600026

Er. K. Rajendhiren

Dy. Manager - Technical Services, (Admixtures)
Master Builders Solutions India Pvt. Ltd. Chennai.

Important Dates

Last Date for Registration : 17-11-2023

Registration Fee

S. No.	Delegates Category	Registration Fee* (INR)
1	PG and UG Students & Research Scholars	300
2	Faculty	750
3	Industry / R &D	1000

Registration & Registration fee can be paid through online using link

<https://events.vit.ac.in/>

*Inclusive of GST, Workshop Kit, Refreshments and Working Lunch.

Address for correspondence

Dr. T. Shanmuga Priya, Associate Professor,
School of Civil Engineering
VIT Vellore – 632014. Mobile: +91- 9842117484
Email: shanmugapriya.t@vit.ac.in

Dr. S. Bala Murugan, Associate Professor,
School of Civil Engineering
VIT Vellore – 632014. Mobile: +91– 9788095982
Email: balamurugan.s@vit.ac.in.