

About VIT

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G. Viswanathan. From humble beginning, the institution has grown exponentially to that of having more than 39,000 students. VIT attracts students from all the states of India and more than 51 countries because of its academic excellence. The credentials of VIT in academics and research have placed VIT in the 15th position among the engineering institutions in India by NIRF, Govt. of India. The world ranking body namely the QS (Quacquarelli Symonds) has given 4 STAR rating to VIT, with that VIT becomes the first institution in India to have the 4 STAR rating. In addition to this, the consortium of industries, FICCI has adjudged VIT as the “Excellence in Faculty”. VIT has the record of publication maximum number of SCOPUS indexed research articles in 2016, among Indian Universities and also overtaking all the premier institutions. VIT has also completed 3 cycles of NACC accreditation and has been rated as “A” grade institution. In addition, VIT also has obtained for the coveted ABET accreditation by US agency. Govt. of India recognizes VIT as an Institute of Eminence (IOE) in 2019 to become the world’s best. VIT has introduced many innovations in academic processes which add value to every students. FFCS (Fully Flexible

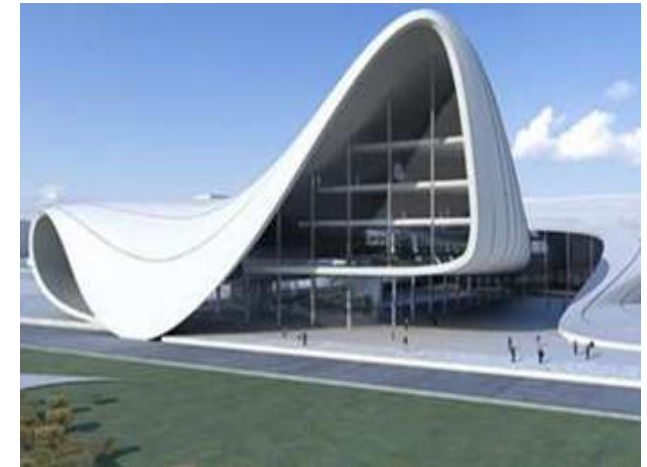
Credit System), PBL (Project Based Learning) for better learning, fully digitized academic portals that assist students in equipping themselves for 2020 market place.

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 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, 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, 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. It was a great honour to receive the award titled “Excellence in Civil Engineering and Architecture Education” at the 6th Construction Industry Awards 2018.



One day Webinar on Fibre Reinforced Composites – Strengthening of Concrete Structures



26 November, 2020

**Organized by
School of Civil Engineering
VIT , Vellore – 632014
Tamil Nadu, India**



About the Programme

A relatively new development however has been the advent of use of fibres as reinforcement to improve the tensile properties of plain concrete and cater to host various specific applications of structural concrete. The Fiber-reinforced composites are the one which composed of axial particulates embedded in a concrete matrix material. The objective of the fibre-reinforced composites is to obtain a material with high specific strength, durable and modulus.

This webinar integrates information from various engineering and scientific disciplines in order to provide a rational basis for Fiber Reinforced Composites (FRC), Fibre reinforced Polymers (FRP). Also the webinar will discuss upon the pertinent information related to strength and durability performances and codal provisions for FRC. The webinar also emphasizes understanding the fundamental factors of material selection for FRC.

Topics to be discussed

- Fibre Reinforced Composites for Structural application
- Design of slabs using non corrosive amorphous metallic fibres
- Use of FRP for corrosion free Concrete Construction.
- Application of FRC in Ultra High Performance Concrete

External Resource Persons

Dr. Sunitha K Nayar

Assistant Professor
Civil Engineering Division,
IIT , Palakkad.

Dr.Suriya S Prakash

Professor and Head
Department of Civil Engineering
IIT , Hyderabad.

Dr. Satish Jain

Managing Director, UHPC India Pvt. Ltd. &
Satish Jain Consulting Engineers Pvt. Ltd,
Mumbai.

Target Group Includes

- Faculty members from academic institutions
- Ph. D / M.S. Research scholars / Students
- Scientists and Industrialist

Registration Fee : **Rs. 100/ –**

Excluding GST - (Students/Research Scholars/
Academicians/Scientist/Industrialist) Registration charges
include entry to online lectures and certificate (soft copy).

Date & Time

26th November 2020 ; 9.30 am - 4.00 pm

Mode

The programme will be conducted through Microsoft Teams and the link will be provided for registered participants on 25th November 2020.

Programme Coordinators

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Registration

Register using the following link:

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

on or before 25th November 2020 (Kindly use Mozilla Firefox or Internet Explorer for payment of fee).