

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. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. 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.

SCHOOL OF CIVIL ENGINEERING

The School of Civil Engineering (SCE) is a part of the institute since the inception of VIT. The School has grown tremendously over the past thirty years and is now recognized as one of the major engineering school in VIT. The School has faculty members from various reputed institutes such as IITs, NITs etc. Besides high quality teaching and research at both UG and PG levels, the faculty members of the school are actively involved in executing a number of

R&D and Consultancy projects from government agencies including DBT, DST, ISRO, UGC, AICTE, and also from many reputed industries. The School offers two postgraduate programs: M.Tech in Structural Engineering & M.Tech in Construction Technology and Management. 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 University level MoUs with a number of leading foreign Universities such as Deakin University, Queensland University of Technology (QUT), West Virginia University, North Dakota State University etc.

ABOUT WORKSHOP

MIDAS CIVIL is a Bridge Design & Analysis software that combines the ease of modeling with exclusive analysis features, making the modeling and designing efficient for engineers. The software provides handy features for simpler bridges and flexibility to deal with complex geometry. It includes various design codes that become very useful for engineers looking for optimized designs. Midas Civil will lighten your work and make bridge design more accessible. Participants of this workshop are introduced to the concepts of structure modeling, analysis, design, and documentation. This course offers hands-on exercises representing real-world structural design scenarios of bridges.



VIT[®]

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)



Three day Workshop
On

Analysis and Design of PSC T-beam and PSC Box girder bridges using MIDAS CIVIL

Organized
by

**Department of Structural and
Geotechnical Engineering**

School of Civil Engineering

In Association with

**MIDAS Research and Development
Centre India Pvt., Ltd
Navi Mumbai**

Date: 07th to 09th April 2023

Venue: CDMM 303



Resource Persons:

Mr. Zulfekhar Ali

Technical Support Engineer
MIDAS IT India
Navi Mumbai

Expected Participants

- PG/UG Students
- Ph.D/M.S Research Scholars
- Faculty Members
- Practicing Civil Engineers

Workshop Highlights:

- Introduction and Bridge Model Generation
- Analysis and Design of RCC T Girder Bridge
- Analysis and Design of PSC I Girder Bridge
- Analysis and Design of PSC Segmental Box Girder Bridge

Organizing Committee

Honourable Patron

Dr. G. Viswanathan

Founder & Chancellor
Vellore Institute of Technology, Vellore

Chief Patrons

Shri. Sankar Viswanathan

Vice President
Vellore Institute of Technology, Vellore

Dr. Sekar Viswanathan

Vice President
Vellore Institute of Technology, Vellore

Shri. G. V. Selvam

Vice President
Vellore Institute of Technology, Vellore

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Dr. Rambabu Kodali

Vice Chancellor
Vellore Institute of Technology, Vellore

Dr. Partha Sharathi Mallick

Pro-Vice Chancellor
Vellore Institute of Technology, Vellore

Dr. T. Jayabharathi,

Registrar, Vellore Institute of Technology, Vellore

Chairman

Dr. A. S. Santhi

Dean, SCE, Vellore Institute of Technology, Vellore

Co-Chairman

Dr. A. Punitha kumar

HOD, Department of SGE, SCE, Vellore Institute of Technology, Vellore

Faculty Coordinators

Dr. G. Mohan Ganesh, Professor (HAG)

Dr. N. Senthil Kumar, Associate Professor
Department of SGE, School of Civil Engineering
Vellore Institute of Technology, Vellore

Registration details

Registration can be done online using link
<https://events.vit.ac.in/>

Registration fee

Sl. No	Delegates Category	Registration Fee* (INR)
1	Students (Inside VIT)	500
2	Research Scholars (Inside VIT)	750
3	Students / Research Scholars (Outside VIT)	1000
4	Faculty / Industry / R & D	2000

*Inclusive of GST and Refreshment.

The last date for registration is **4th April 2023**. **The delegates will receive a participation certificate from MIDAS.** Transport and accommodation shall be borne by the participants themselves.

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