

Vellore Institute of Technology (VIT)

Vellore Institute of Technology was founded in 1984 as Vellore Engineering College by the Founder and Chancellor Dr. G. Viswanathan. University status was conferred in 2001 by MHRD Govt. of India in recognition of its excellence in academics, research and extracurricular initiatives.

Ranking & Accreditation

VIT has emerged as one of the best institutes of India and is aspiring to become a global leader. Quality in teaching-learning, research and innovation makes VIT unique.

- ❖ Engineering and Technology: 142nd in the World and 9th in India (QS World University Rankings by Subject 2025).
- ❖ Data Science and AI subject areas are within the Top 100 in the world.
- ❖ Computer Science, Information Systems, Electrical, Electronics, Material Science subject areas are within the top 200 in the world (QS World University Rankings by Subject 2025)
- ❖ Within the top 2 in India and top 600 in the world (Shanghai ARWU ranking 2025)
- ❖ NAAC Accreditation with A++ grade (3.66 out of 4) Within the top 20 in University, Research and Engineering categories in India (NIRF Ranking, Govt. of India 2025)
- ❖ 396th in the world and 8th in India (QS World University Rankings : Sustainability 2025)

School of Mechanical Engineering (SMEC)

The School of Mechanical Engineering is one of the oldest and most prestigious schools of VIT. This school started functioning right from 1984, the year in which our institution began. The School of Mechanical Engineering offers 3 undergraduate and 6 post-graduate programs. The school has a team of highly qualified faculty members, many holding PhDs from elite institutes across the globe, to teach and train this country's best minds. The pride of the school lies in the significant research funding received from several National and International agencies such as DST, DRDO, MNRE, CSIT, CVRDE, CPDO, IE, AR&DB, BRNS, ISRO, UGC, NRB, Royal Academy of Engineering etc. The Department of Science and Technology, Govt. of India has recognized the school for its research activities and supported it in 2003, 2010 and 2022 under the FIST scheme. The school has modern facilities, enabling cutting-edge research in a wide spectrum of niche technological areas. The school is ranked 501-600 in the World as per THE World University Subject Ranking in 2024. Mechanical and Manufacturing Engineering is ranked within the top 10 in India and top 201-250 in the world as per QS World University Rankings by Subject 2024. This School got NBA accreditation on 2025 for 6 years.



VIT[®]

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

Value Added Course on Digital Twin for Automotive Applications

15th - 19th June 2026
ONLINE MODE, VIT, Vellore



Funded by
the European Union



Organised by
School of Mechanical Engineering,
Vellore Institute of Technology, Vellore, India



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HOD, Design and Automation, SMEC, VIT, Vellore

Co-ordinators

Dr. Manoharan R, SMEC, VIT, Vellore

Dr. Vasudevan R, SMEC, VIT, Vellore

Dr. Ashok B, SMEC, VIT, Vellore

About the Workshop

Complimentary to Industry 4.0, Industry 5.0 has emerged as a sustainable, human centric and resilient industry across the world and achieving Sustainable Development Goals (SDGs). The programme is designed to provide participants with fundamental and interdisciplinary knowledge on Digital Twin technologies and their applications in automotive and smart manufacturing sectors.. The main objective of this value-added course is to impart the knowledge on Industry 5.0 and promote transdisciplinary approaches.

The various topics include:

- ❖ Evolution of Industrial Revolutions
- ❖ Introduction to Digital Twin for Automotive Applications
- ❖ Building Blocks for Smart Manufacturing and Digital Technologies
- ❖ Artificial Intelligence and Machine Learning for Industrial Applications
- ❖ IoT, Sensor Integration, Real-Time Monitoring and Connected Vehicle Technologies
- ❖ Predictive Maintenance, Structural Health Monitoring and Smart Mobility Applications
- ❖ Industry 5.0 Implementation, Advanced Technologies and Future Outlook

Important Dates

Last date for registration :

13th June 2026

**Only limited participants are allowed;
No registration fee.**

Contact Us

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For registration,
scan me

<https://forms.gle/WiNDjiPeuEopueRb9>

