

Important Dates

Last date for registration : 27 May 2024

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

Registration



For registration, scan me

Contact :

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Email : vasudevan.r@vit.ac.in



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Dr. G. Viswanathan, Chancellor

Patrons

Mr. Sankar Viswanathan, Vice - President

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Dr. G V Selvam, Vice - President

Dr.V.S.Kanchana Bhaaskaran, Vice Chancellor

Dr. Partha Sharathi Mallick, Pro-Vice Chancellor

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Convenor

Prof. Devendranath Ramkumar K, Dean-SMEC, VIT, Vellore

Co-Convenor

Prof. Benedict Thomas,
HOD, Design & Automation, SMEC, VIT, Vellore

Prof. Pandivelan C,
HOD, Manufacturing Engineering, SMEC, VIT, Vellore

Prof. Ashok B,
HOD, Automotive Engineering, SMEC, VIT, Vellore

Prof. Asokan M A,
HOD, Thermal & Energy Engineering, SMEC, VIT, Vellore

Co-ordinators

Prof. R. Vasudevan, SMEC, VIT, Vellore

Prof. B. Ashok, SMEC, VIT, Vellore

Prof. S. Denis Ashok, SMEC, VIT, Vellore

Prof. Bibin John, SMEC, VIT, Vellore

Prof. S. Sreeja, SMEC, VIT, Vellore



VIT[®]

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

Two-day Workshop on "Current Challenges for Trustworthy AI in Academia and Industry"

May 30 - 31, 2024
VIT, Vellore

Online Mode

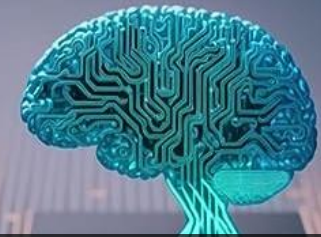
Resource Persons

Dr. S. Denis Ashok, VIT, Vellore

Dr. R. Vasudevan, VIT, Vellore

Dr. B. Ashok, VIT, Vellore

Trustworthy AI : De-risk business adoption of AI



Supported by



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Royal Academy
of Engineering

Organised by

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

in association with

Mapúa University, Philippines; Wipro3D, Bangalore;
EOS GmbH, India.

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

Vellore Institute of Technology (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 subject areas of VIT are the 240th best in the World and the 9th best in India, and eight subjects of VIT are within the top 500 in the world (as per QS World University Rankings by Subject 2023)
- ❖ The 8th best University, the 11th best research institution and the 11th best engineering institution in India (NIRF Ranking, Govt. of India 2023)
- ❖ Ranked among the top 600-800 universities of the world (THE World University Ranking 2024)
- ❖ NAAC Accreditation with A++ grade (3.66 out of 4)
- ❖ The 173rd best Institution in Asia (QS - Asia University Rankings 2023)

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 2021. Mechanical and Manufacturing Engineering is ranked within the top 10 in India and top 251-300 in the world as per QS World University Rankings by Subject 2023.

About the workshop

In the transition to a digital era, the main challenges faced by G20 countries are reaping the benefits of AI and related technological advances to improve educational processes in the classroom and at the system level; preparing students for new skillsets for increasingly automated economies and societies. Digital technologies such as artificial intelligence (AI), the Internet of Things (IoT) and other advances in information and computer technology (ICT) provide opportunities to improve the education process. The education technology industry, often simply referred to as 'EdTech', is growing, with massive investments in countries such as Europe, China, the United States and India. It develops a wide range of digital solutions for education institutions and stakeholders, from online platforms to robots and smart devices. The use of digital technologies increases both the production and value of data, creating new opportunities to improve education and education policies, but also new challenges. Education systems have started to change their curriculum and skills requirements and put a stronger emphasis on skills for innovation and citizenship in a digital era. To support the G20 AI Dialogue on "Trustworthy AI in education", this workshop focuses on promising uses of AI in classrooms and in the education system, and some possible ways to strengthen the acquisition of more complex skills such as creativity, critical thinking, communication or collaboration. It then looks at the opportunities and challenges that AI may create for educators and policy makers, aiming to stimulate debate on how countries can harness AI in their education sectors in a trustworthy way and provide sector-level insights into the implementation of the G20 AI Principles.

Topics:

1. **Artificial intelligence in education**
2. **Artificial intelligence in industry**
3. **Skills for Digital Era**
4. **Trustworthiness in AI**
5. **Dealing with Privacy and Security**
6. **Trustworthy AI: From Principles to Practices**
7. **Digital Transformation**

