





# International Conference on "Sustainable Technologies for Energy, Environment, and Health" (IC-STEEH)

17-19 September 2025

Jointly Organized by : SAS, SBST, SCE, SCHEME and VAIAL

# RSC, Wiley, ACS

#### **About VIT**

VIT was established under Section 3 of the University Grants Commission (UGC) Act, 1956 and was founded in 1984 as a self-financing institution called the Vellore Engineering College. The Union Ministry of Human Resources Development conferred University status on Vellore Engineering College in 2001, in recognition of its excellence in academics, research and extracurricular initiatives. The University is headed by its founder and Chancellor, Dr. G. Viswanathan, a former Parliamentarian and Minister in the Tamil Nadu Government. In recognition of his service to India in offering world class education, he was conferred an honorary doctorate by the West Virginia University, USA. Currently, VIT has its 5 campus; Vellore, Chennai, Armavati, Bhopal, and Bangalore. NIRF of the MHRD, Government of India, has ranked VIT 10<sup>th</sup> best in University, 13<sup>th</sup> best in Research, 11<sup>th</sup> best in Engineering, 19<sup>th</sup> best in Overall category in 2024. VIT has gone for accreditation by NAAC [India], IET [UK], and ABET [USA] and follows world class academic processes. VIT is one of the top 2 institutions of Indianad within the top 501–600 Universities of the world as per Shanghai ARWU Ranking 2024. VIT is in the Top 500 of the QS World University Ranking by Subject 2024 viz; Chemical Engineering, Material Sciences, Biological Sciences, Agriculture, Physics, Chemistry, and Mathematics. VIT is also ranked by QS World University Ranking, Ilmes Higher Education (THE) World University Ranking, US NewsRanking, Round University Ranking, Russla and others. VIT is the first institute of India to receive QS 4-Star rating in overall category and QS 5-Star rating in teaching, employability, facilities, innovation and inclusiveness.

#### About the Conference

As VIT celebrates the 40 years of completion in its journey of transforming lives, the Schools of Advanced Sciences (SAS), BioSciences and Technology (SBST), Chemical Engineering (SCHEME), Civil Engineering (SCE), & Agricultural Innovations and Advanced Learning (VAIAL) jointly organizes the International Conference under the following themes;

### Theme(s) of the Conference

- Innovative Materials for Sustainable Development
- Advances in Agricultural Biotechnology for Achieving Zero Hunger (SDG 2)
- Products, Processes and Technologies for Better Health and Well-Being (SDG 3)
- Advances in Water Treatment and Solid Waste Management (SDG 6)
- Clean and Sustainable Energy (SDG 7)
- Industrial Green Growth (SDG 9)
- Smart and Sustainable Communities (SDG 11)
- Sustainable Production and Consumption (SDG 12)
- Application of Modelling Tools for Addressing Climate Change (SDG 13)
- Marine technologies and products for sustainable development (SDG 14)

## Scope of the Conference

intersection of science and technology to drive greener and sustainable solutions, and to enhance societal well-being

The participants are requested to submit the extended abstracts including manuscript title, author(s), affiliation(s) and contact details, with a clear indication of research work, methodology, major results and conclusion. The committee will evaluate the abstracts and will decide whether the paper will be presented as oral or poster, also considering the preference of the authors.

The registered and successfully presented papers in the conference will be considered for publication in the Scopus Indexed International journals after the peer review process.

# **Organizing Committee**

#### CHIFF PATRON Dr. G. Viswanathan

Mr. Sankar Viswanathan

Dr. Sekar Viswanathan

**Vice President** 

Dr. G. V. Selvam

Dr. Sandhya Pentareddy **Executive Director** 

Ms. Kadhambari S Viswanathan

#### PATRON

Dr. V.S. Kanchana Bhaaskaran

Dr. Partha Sharathi Mallick Pro Vice Chancellor

Dr. Jayabharathi T Registrar

#### Conference Chair

Dr. Karthikeyan K

Dr. Suneetha V

Dr. Saravana Kumar M P

Dr. Muruganandam L Dr. Rajendran R

## Co - Conveners

Conveners

Dr. Mary Saral A

Dr. Pragasam V

Dr. S. Shantha Kumar

Dr. Paul Mansingh J

Dr. Shishir Kumar Behera

Dr. Rajan Babu D Dr. Anand A Dr. A. Sofi

# International Advisory Board

Prof. John Warner, Distinguished Professor at Monash University

Prof. Lin, Chun-Cheng, National Tsing Hua University, Taiwan

Prof. Giorgia Pastorin, National University of Singapo Prof. Lamberto Rondoni, Politecnico di Torino, Italy

Prof. Giuseppe Maruccio, University of Salento, Italy
Prof. G.P. Rangaiah, National University of Singapore, Singap

van, Can

Prof. Meda Venkatesh, University of Saskatchewan, Car Prof. Foluso O. Agunbiade, University of Lagos, Nigeria

Prof. Krishna R. Reddy, Civil, Materials, and Environmental Engineering University of Illinois, USA Prof. Fang Yenn Teo, University of Nottingham, Malaysia

Prof. Boosik Kang, Dankook University, South Korea Prof. Fulvia Chiampo, Politecnico di Torino ,Italy Prof. Michitaka Notaguchi, Kyoto University, Japan

Prof. Michitaka Notaguchi, Kyoto University, Japan
Prof. Luigi Sanita di Toppi, University of Pisa, Italy
Prof. IFuko Kentaro, Kyoto University of Pisa, Italy
Prof. IFuko Kentaro, Kyoto University, Usa
Prof. K Siddiqui, Director, University of Western Australia
Prof. Ranjith Mehanderkar, Deputy Dean, Faculty of Medicine Quest International University, Malaysia
Prof. Sreenivasalu C Professor, School of Medicine Indiana University, Usa
Prof. Paul LivingstoneFaculty in Microbiology, Cardiff Metropolitan University, Usa

# **Registration Details**

Participants  Category	Early Registration Before 30 <sup>th</sup> August 2025		Last Registration (Up to 5 <sup>th</sup> September 2025)	
	National (In ₹)	International (In \$)	National (In ₹)	International (In \$)
Student	3500	100	4000	150
Academician	5000	400	6000	450
Industry	8000	600	9000	650
Accompanying person	2500	50	3000	75

Registration fee includes: Conference kit, Lunch - 3 days and Banquet dinner - 2 nights **No SPOT Registration** 

#### Important Dates

**Abstract Submission** : 30th June 2025 : 31st July 2025 Acceptance Early bird registration 30th August 2025 Last date for registration : 5th September 2025

Contact Details

For further details visit



# **National Advisory Board**

Dr. (Mrs.) N. Kalaiselvi, Director General, CSIR & Secretary DSIR, NewDelhi

Prof. V. Ravindran, Director IMSc, Chennal Dr. D. Srinivasa Reddy, Director, IICT, Hyde

Prof. Sunil S. Bhagwat, Director, IISER Pune Prof. Santanu Mukherjee, IISc, Bengaluru

Prof. Damodar Maity, President, ISTAM, IIT, Kharagpur

Prof K. Pakshirajan, IIT Guwahati Prof Vidyadhar V Gedam IIM Mumbai

Prof. Dr. D. Nagesh Kumar, IISc, Bangalore Prof. Dr. V. Jothiprakash, IIT Bombay, Mumbai

Prof. R. Jayavel, Anna University, Chennai Prof. Dr. Nafees Ahmad Khan, Aligrah Muslim University, Aligrah

Dr. Nasheeshma Ashraf, Principal Scientist, CSIR-Institute of Integrative Medicine, J&K, Srinaga

Prof. M. Prakash, Professor & Registrar I/C, Annamalai University, Chidmabo Prof. Dr. Karaba N Natraja, University of Agricultural Sciences, Bangalore.

Dr. Prabhakaran Soundaranjan, Scientists, National Institute of Plant Ge

nal structural Biology Unit, IISc, Banga

Dr. K. Sekar Professor Computational structural Biology Unit, Its
Dr. Anindya Sundar Ghosh IIT - Kharagpur
Dr. Vivekanandan Perumai III, Delhi Hauz Khas, New Delhi
Dr. Vivekanandan Perumai III, Delhi Hauz Khas, New Delhi Dr. Shankar Lal Garg Director and Fellow of World Researchers Associations



Authors are requested to send their papers to the corresponding discipline.

General query

icsteeh@vit.ac.in

Phy, Chem, Maths discipline icsteeh.sas@vit.ac.in

Chemical discipline

icsteeh.sas@vit.ac.in Agriculture discipline icsteeh.vaial@vit.ac.in

Biological Science discipline icsteeh.sbst@vit.ac.in | Civil discipline

icsteeh.sce@vit.ac.in