

REGISTRATION DETAILS:

Faculty : ₹ Nil
Students : ₹ Nil

REGISTRATION LINK :

<https://forms.gle/BboP1ipWVWbMy2ze6>

Registration charges include working lunch, snacks and high tea. Participants are requested to send their filled in registration form to the organizing secretaries on or before 14th December 2021 along with the Demand Draft drawn in favor of "VIT Chennai", payable at Chennai. **Registration is limited and on first come first serve basis. Confirmation will be sent through email communication only.**

DATES TO REMEMBER

Receipt of Applications : **13th December 2021**

Confirmation to participants : **14th December 2021**

ADDRESS FOR COMMUNICATION

Dr. R. Manimaran / Dr. D. Devaprakasam

Associate Professor / Professor
Thermal and Automotive Research Group,
School of Mechanical Engineering (SMEC),
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VELLORE INSTITUTE OF TECHNOLOGY

VIT has made a mark in the field of higher education in India by providing quality education on par with international standards, through its 35 years of existence in a cross-cultural ambience with extensive application oriented research. VIT was founded in 1984 by **Dr. G. Viswanathan**, a former parliamentarian and Minister in the Tamil Nadu Government, as a self-financing institution called *Vellore Engineering College*. Since then, the institution has grown from strength to strength. Conferred as Deemed to be university in 2001 by MHRD, VIT Currently offers UG, PG and Research programmes to over 43,000 students in its four campuses at Vellore, Chennai, Bhopal and Amaravati.

VIT CHENNAI

VIT Chennai is a globally engaged, competitive, comprehensive and research-enriched university campus strategically positioned in the capital city of Tamil Nadu, to respond to major industrial, social, economic and environmental demands and challenges. VIT Chennai is ably spearheaded by **Chancellor Dr. G. Viswanathan, Vice Presidents Mr. Sankar Viswanathan, Dr. Sekar Viswanathan and Mr. G.V. Selvam, Dr. Rambabu Kodali**, Vice Chancellor and **Dr. V.S Kanchana Bhaaskaran**, Pro Vice Chancellor of VIT Chennai. They share in the mission to make VIT a global center. The focus is to:

- Maximize the Industrial Connectivity.
- Create Centers of Excellence in niche areas of research
- Enrich Technological and Managerial Human Capital nurtured in a multicultural ambience
- Provide common platform for the agglomeration of ideas of personnel from various walks of life for learning enrichment
- Create opportunities and exploit the available resources to benefit industry/society
- Encourage participation in the National Agenda of knowledge building
- Foster International collaborations for mutual benefits in areas of research concerned



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)
CHENNAI

A National Workshop on Clean Water and Clean Energy 15th December 2021



Coordinators

Dr. R. Manimaran & Dr. D. Devaprakasam
School of Mechanical Engineering (SMEC)
VIT Chennai

Sponsored by



VIT-A Place to learn; A Chance to grow



ABOUT SMEC

School of Mechanical Engineering (SMEC) at VIT Chennai was established to impart state-of-the art education, training and research in the field of Mechanical and Civil Engineering. SMEC provides B.Tech. in Mechanical Engineering, B.Tech. in Mechatronics and Automation, B.Tech. Mechanical Engineering with specialization in Electric Vehicles. M. Tech. in CAD/CAM, M.Tech. in Mechatronics and Ph.D. / M.S. (Research). The school consists of various research groups like Design & Automation, Manufacturing and Thermal & Automotive. The school is headed by **Dr. Sivakumar R, Professor & Dean**. The school is fully equipped with teaching faculty having doctorate degree giving high emphasis for research along with innovative teaching methods which helps to involve students in research and project based learning in the school. The research outcomes in the form of publications and patents are the testament to the world class, global standard infrastructure and research laboratory facilities available in the school. The school has ongoing partnerships with many other overseas Universities which help the students to do their Semester Abroad Program (SAP). All the regular programs of the school follows the University Curriculum for Applied learning (CAL) and the curriculum & syllabi are benchmarked with renowned Universities like Rochester Institute of Technology, Denver, Georgia Tech. etc. The state of the art infrastructure includes research facilities for renewable energy using wind & solar, alternative fuels in internal combustion engine, CNC machines, Shimadzu universal testing machine, Stir Casting equipment, Rapid prototyping machine, stereoscopic zoom microscope, high end workstations with CAD/CAE, Robot Studio and Siemens PLC software's. The scientific publications of our professors in peer reviewed journals have increased manifold with many publications with TIF > 4 co-authored with students. School has an active industrial collaboration with initiatives Daimler India Pvt. Ltd., Ford and Valeo India Pvt. Ltd. The outreach programs of the school include organizing Value Added Programs and workshops for teachers, industry personnel and students for various organizations in relevant areas periodically.

ABOUT THE WORKSHOP

This workshop focuses on technologies for efficient generation of clean water and clean energy and utilization, aiming to meet the challenge of rising water and energy demands and prices, while simultaneously addressing the concomitant environmental impact. In this background, the basic objective of this workshop is to acquaint the participants with the latest technologies and advancement in producing clean water and clean energy. School faculty will be demonstrating the practical applications and equipments from SERB sponsored projects.

RESOURCE PERSONS

The sessions will be handled online as well as offline by academic experts from foreign and national universities.

Dr. Pennan Chinnasamy, IIT Bombay

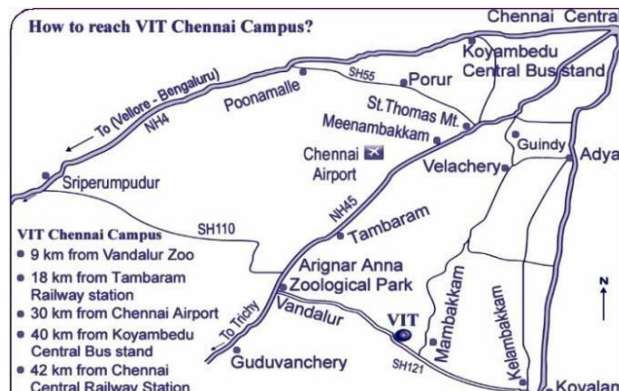
Dr. G. Venkatesan, NIOT, Chennai, India

Dr. Anand Krishnasamy, IIT Madras.

Dr. Chandramohan George, Royal Society Research Fellow, Imperial College London

WHO SHALL ATTEND?

The workshop is specifically focused to impart contemporary knowledge of clean water and clean energy to engineers working in industries and those from academic institutions, faculties, research scholars and students in all engineering branches, Renewable energy, Physics, Chemistry. This also benefit common people concerned about clean environment. **(Swachh Bharat)**



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CHENNAI

A National Workshop on Clean Water and Clean Energy

15th December 2021

REGISTRATION FORM

Name :
Designation :
Organization :
Address for Correspondence:

PIN code :
Phone :
E-mail ID :

Payment Details

Amount : ₹
DD No. :
Date :

(In favour of VIT Chennai payable at Chennai)

Name of Bank &:
Branch :

Date:

Signature