

Speakers

- **Dr. Sadeep Sasidharan**, Director Reliamotive Labs, Bangalore, India
- **Dr. Montri Luengchavanon**, Assistant Professor, Department of Electrical Engineering, Prince of Songkla University, Thailand

Registration Process

No Registration Fees

Important Dates

Last Date for Registration: 18th June 2023

Organizing Committee

Chief Patron

Dr. G. Viswanathan, *Chancellor*

Patrons

Shri. Sankar Viswanathan, *Vice President*

Dr. Sekar Viswanathan, *Vice President*

Dr. G. V. Selvam, *Vice President*

Dr. Rambabu Kodali, *Vice Chancellor*

Dr. Partha Sharathi Mallick, *Pro-Vice-Chancellor*

Dr. T. Jayabarathi, *Registrar*

Chairperson

Dr. D. Elangovan,
Deputy Director - TIFAC-CORE
Professor -School of Electrical Engineering,
Vellore Institute of Technology, Vellore, India

**Organizing Members from the
School of Engineering and Technology,
Walailak University, Thailand**

Dr. Suratsavadee K. Korkua, Associate Professor
Dr. Kamon Thinsurat, Assistant Professor
Dr. Siraporn Sakphrom, Assistant Professor
Dr. Srawouth Chandaket, Assistant Professor
Dr. Thunyawat Limpiti, Assistant Professor
Dr. Ajalawit Chanrerkiat Pochaiya, Assistant Professor

Convenor

Dr. Santanu Kumar Dash
Assistant professor Sr., TIFAC-CORE,
Vellore Institute of Technology, Vellore.
Email: santanukumar.dash@vit.ac.in

Registration Link

Registered participants are only eligible for the certificate.

<https://forms.gle/7xLiBmKgVjZQfmE56>



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

ONE DAY INTERNATIONAL WORKSHOP
(Online Mode)

On

**EV MOTOR DESIGN AND
CONTROL FOR SUSTAINABILITY**

19th June 2023

Organized by

**Technology Information Forecasting
and Assessment Council (TIFAC)**

**Vellore Institute of Technology
Vellore, Tamil Nadu, India**

&

**School of Engineering and
Technology, Walailak University,
Thailand**



มหาวิทยาลัยวลัยลักษณ์
Walailak University
Gateway to Achievement

About the Institution

VIT was founded in 1984 as Vellore Engineering College by the Chancellor, Dr. G. Viswanathan. From its humble beginnings, the institution has grown exponentially to that of more than 35,000 students. It was conferred University status in 2001 in recognition of its excellence in academics, research, and extracurricular initiatives. VIT has 4 campuses – in Vellore, Chennai, Amaravati (AP) and Bhopal (MP). VIT has been consistently ranked among the best institutions in the country and is aspiring to emerge as a global leader. The National Institutional Ranking Framework (NIRF) of the MHRD, Government of India, has identified VIT as the best Private Engineering Institution in India. With students from all the states of India and more than 50 countries, the cosmopolitan VIT provides an appropriate ambience for holistic learning and comfortable living. Sports, games and cultural activities are an integral part of student life on campus. VIT holds an exemplary placement record by consistently placing more than ninety percentage of the students in good companies. The VIT's international linkages provide ample opportunities for students and faculty to gain global exposure. VIT alumni, spread across the world, are serving the most advanced as well as the most deprived.

About TIFAC CORE

TIFAC CORE is a government-funded initiative that promotes collaboration between industry and academia. The center has made significant contributions to the development of sustainable transportation technologies, including fuel cell-powered electric bicycles, hydrogen vehicles, and renewable-powered smart charging infrastructure for electric vehicles. The center has completed numerous consultancy projects with industry partners and has filed more than 25 patents. It has strong research collaborations with scientists from leading research laboratories in India and around the world. TIFAC CORE is a valuable resource for industry and academia. Its work has the potential to make a real difference in the world by helping to reduce our reliance on fossil fuels and make transportation more sustainable.

About Walailak University, Thailand

Walailak University is a comprehensive and research-intensive university in Thailand. It was founded in 1992 and is located in Nakhon Si Thammarat Province. The university offers a wide range of undergraduate and postgraduate programs in health sciences, science and technology, and social sciences. Walailak University is known for its high-quality education and research and has been ranked among the top universities in

Asia. The university also has a beautiful campus and a variety of amenities, making it a great place to study.

About the Workshop

The workshop on e-motors design, intelligent controllers, and EV battery charging infrastructure provides insights into optimizing electric vehicle propulsion systems. Overall, the workshop provides valuable knowledge and networking opportunities to drive the future of electric mobility towards a cleaner and greener transportation ecosystem.

Topics to be Covered

- ***E-Motors Design with Simulation***
- ***Intelligent Controller for E-Motors***
- ***EV Batteries Charging Infrastructure***