About the University
Anna University was established on 4th September 1978 as a unitary type of University. This University was named after Late Dr. C. N. Annadurai, former Chief Minister of Tamil Nadu. It offers higher education in Engineering, Technology, Architecture and Applied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained therefrom, it fosters cooperation between the academic and industrial communities.

About the Department
College of Engineering Guindy (the oldest Technical Institution in India, started by British in 1794) was first to introduce B.E. course in Electrical Engineering (1932). The Department of EEE has been a pioneer in the field of Electrical and Electronics Engineering, with core Research and Development in Power Apparatus and Systems for many decades.

About Typhoon HIL
Typhoon HIL Inc. is the market and technology leader in the rapidly growing field of ultra-high-fidelity controller-Hardware-in-the-Loop (C-HIL) simulation for power electronics, microgrids, and distribution networks.

About the Workshop
This workshop is organized by Department of Electrical and Electronics Engineering in collaboration with Quarbz Info Systems, Kanpur Indian Partner of Typhoon HIL, Switzerland. This workshop is designed to address Controller Hardware-in-the-Loop Simulation in the area of smart electric grid and vehicle technologies related to renewable energy sources, charging stations, vehicle dynamics, control techniques, protection technologies. The program will offer a unique platform to the researchers, practicing engineers, academicians and research scholars working in the relevant areas to come closer through theoretical and practical sessions. This program is structured to give a wide exposure on Controller Hardware-in-the-Loop Simulation. Participants are requested to carry their laptop, Virtual HIL Device software from Typhoon will be installed on all the pc and laptops with original license and lifetime free updates.

Program Contents
- Digital Control of Power Electronics devices and pre-certification
- Electric Drives Modelling and Testing
- Integration of Renewable Energy sources e.g. solar, wind, etc.
- Power Quality Improvement Technologies
- Microgrid and Smart Grid development and testing
- Digital Electric Vehicle development and testing
- Solar Panel Design and Testing
- Hands – on Practicing using Virtual HIL Device Simulation Software

Development of Electric Vehicle and Renewable Energy Integration System using Typhoon HIL

Feb 11th – 12th, 2020

Registration Form

Full Name of the Participant: ____________________________________________________________

Category: Faculty / Industry Expert / Research Scholar [Please tick] ______________________

Institute Name and Address: ……………………………………………………………………………

Contact Information
Mobile: .................................................................................................................................
E-mail: .................................................................................................................................

Area of Interest: ......................................................................................................................

Registration Fee Payment Details: NIL

Transaction Reference No: NA Dated: NA
Amount INR : NA through NA bank NA
Date: ........................................... Place: ........................................................ Signature of the Participant

Forwarded by

Head of Institution/Department (With Seal)

NOTE: Registration form duly filled should be sent to
Dr. C. Sharmeela
Associate Professor, Department of Electrical & Electronics Engineering
Anna University, Chennai - 600 025. Tamil Nadu, India.
E-Mail: sharmeelac2019@gmail.com, Ph: 044 - 22357817