



Online Symposium

on

Power electronics Challenges and Solutions for the Integration of Electric vehicle Charging network

24th – 26th March , 2021



Organized by: Department of Electrical Engineering

Symposium

This symposium aims to address the key issues associated with the Power electronics aspect of Electric vehicle charging network. This symposium includes expert lectures and discussions related to topics on - Specific challenges in India to adapt EV charging network, Conductive Battery Charging Systems, Wireless Battery Charging Systems, DC Fast charging, Power control strategies, and Vehicle to everything (V2X). This is an excellent opportunity for researchers, faculty members, students and industry persons to update with the recent trends in Power converters and their control, specifically for EV charging network. This online symposium will provide a convenient platform to interact with the renowned speakers to gain knowledge and information.

SPARC

The Scheme for Promotion of Academic and Research Collaboration (SPARC) aims at improving the research ecosystem of India's Higher Educational Institutions by facilitating academic and research collaborations between Indian Institutions and the best institutions in the world from 28 selected nations to jointly solve problems of national and/or international relevance. The scheme proposes to enable productive academic co-operation by supporting the critical components that can catalyze impact making research. The expected outcomes include tangible results for improved world reputation and ranking of Indian Institutions.

IIT (BHU) Varanasi

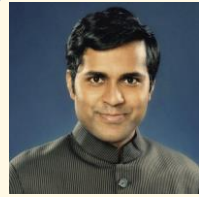
The Indian Institute of Technology (Banaras Hindu University), Varanasi owes its existence to the farsighted vision and relentless efforts of the founder Mahamana Pandit Madan Mohan Malaviyaji, who created the first comprehensive residential university of India. Three engineering and technological institutions were established viz. the Benaras Engineering College (BENCO) in 1919, the College of Mining and Metallurgy (MINMET) in 1923 and the College of Technology (TECHNO) in 1932, as the constituent units of Banaras Hindu University. The first ever Bachelor degree course in Electrical, Mechanical, Metallurgy, Mining, Ceramics and Pharmaceuticals in India were pioneered at BHU while Pharmaceuticals also being the first in Asia. After country's independence in 1947, post graduate and doctoral research programmes were also introduced here. These colleges produced outstanding engineers who led various indigenous industries, academic institutions and R&D laboratories both within and outside the country. The three engineering colleges were merged to form the Institute of Technology (IT, BHU) in 1968. The erstwhile IT, BHU has been converted into IIT (BHU), Varanasi w.e.f. 29 th June, 2012. Since then IIT (BHU) is witnessing realization of several significant academics, research and developmental programmes and new initiatives in all spheres of the Institute. This year IIT(BHU) has been placed at 11th position in NIRF Ranking-2020, among the top engineering Institutions.

Speakers



Prof. Richard McMahon
Professor of Power Electronics
WMG, University of Warwick
United Kingdom

Speakers



Dr. Akshay Rathore
Electrical and Computer Engg.
Concordia University
Canada

Speakers



Prof. Sheldon Williamson
Electrical, Comp. & Soft. Engg.
Ontario Tech. University
Canada

Dr. Teng Long
Electrical Engg. Division
University of Cambridge
United Kingdom



Dr. Sanjeet Dwivedi
Danfoss Power Electronics A/S
Global R&D Grasten
Denmark



Prof. Carlo Ceccati
Department of Engineering
University of L'Aquila
Italy



Dr. Santosh K Singh
Department Of Electrical Engg.
IIT (BHU) Varanasi
India

Dr. Haoyu Wang
School of Inf. Science and Tech.
ShanghaiTech University
China



Dr. N K Swami Naidu
Department Of Electrical Engg.
IIT (BHU) Varanasi
India



Registration

Certificate will be given to the Registered Participants

For Registration click on the link below:
<https://forms.gle/38u9uWkwxhDUS3qB9>

Please Register on or before **23rd March, 2021**

For any Queries Contact :

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Under the aegis of



Scheme for Promotion of Academic and Research Collaboration



Ministry of Education
Government of India

सत्यमेव जयते