

9th National Power Electronics Conference (NPEC 2019)

SCHEDULE - DAY – 1 // 13.12.2019

08:30 am to 09:30 am	REGISTRATION (Venue : Department of Electrical and Electronics Engineering)	
09:30 am to 10:30 am	INAUGURAL FUNCTION (Venue: BARN Hall) Chief Guest : Dr.-Ing. MAGYAR Péter, LF IEEE IEEE IAS Director of Chapter Development 2019 & IAS Chapters and Membership Department (CMD) Chair 2009-2018	
10:30 am to 11:00 am	TEA	
11:00 am to 12:30 pm	TUTORIAL 1 (Venue:A13 Hall)	" Gallium Nitride (GaN) Transistors" Prof. Srinivasan Raghavan & Prof. G. Narayanan, IISc Bangalore Sri. V Chandrasekar Associate Director, Power Electronics Group, CDAC, Thiruvananthapuram
12:30 pm to 01:30 pm	LUNCH	
01:30 pm to 02:45 pm	TUTORIAL 2 (Venue:A13 Hall)	"Design and implementation of an Off-grid microgrid – A case study" Mr. Aby Joseph Associate Director, Power Electronics Group, CDAC, Thiruvananthapuram
02:45 pm to 04:00 pm	TUTORIAL 3 (Venue:A13 Hall)	" Real Time Simulations as Key Technology Enabler in Power electronics and Systems Control Design Test and Validation " Mr. Shravana Kumar Musunuri OPAL – RT Technologies
	TUTORIAL 4 (Venue:A11 Hall)	"Developing and Implementing Digital Control for Power Converters" Mr. Ramanuja Jagannathan Application Engineer, MathWorks India
04:00 pm to 04:15 pm	TEA	
04:15 pm to 05:30 pm	TUTORIAL 5 (Venue:A13 Hall)	" Flexible, Reliable and Smart Power Conversion using Solid State Transformers " Dr. Harish Sarma Krishnamoorthy, Dept. of Electronics and Computer Engineering, University of Houston, USA
05:30 pm to 06:15 pm	KEYNOTE ADDRESS I (Venue : BARN Hall)	"Electric Vehicle and Charging Systems" Dr. Bhim Singh CEA Chair Professor, Department of EE, IIT Delhi
06:15 pm	High Tea <i>at BARN Hall</i>	

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SCHEDULE - DAY – 2 // 14.12.2019

08:30 am onwards	REGISTRATION (Venue : Department of Electrical and Electronics Engineering)	
09:00 am to 09:45 am	KEYNOTE ADDRESS II (Venue : BARN Hall)	HVDC technology – Connecting Renewables Mr. Abhay Kumar Technical Director, RP800 HVDC Project, ABB India Ltd, Gurgaon India
09:45 am to 11:00 am	PAPER PRESENTATION ORAL SESSION I	Five Parallel Tracks (Venue : A11, A12, A13, EEE Seminar Hall and BARN Hall)
11:00 am to 11:15 am	TEA BREAK	
11:15 am to 12:00 pm	INVITED PEDAGOGY TALK I (Venue : BARN Hall)	“Power Converters for surface heat treatment applications” Dr. Mainak Sengupta Professor, Dept. of Electrical Engineering, IEST, Shibpur
12:00 pm to 12:45 pm	INVITED PEDAGOGY TALK II (Venue : BARN Hall)	“Laws to Lab Table: A pedagogy experiment with undergraduates” Dr V. S. S. Pavan Kumar Hari Asst. Prof., Department of Energy Science and Engineering, IIT Bombay
12:45 pm to 01:45 pm	LUNCH	
01:45 pm to 02:15 pm	INDUSTRY PRESENTATION (Venue : BARN Hall)	“Grid Synchronization for Wind Energy Conversion Systems” Ms. Varsha Kondabattula Entuple Technologies Pvt. Ltd. Bangalore, India
02:15 pm to 02:30 pm	(Venue : BARN Hall)	NaMPET presentation
02:30 pm to 03:45 pm	‘R&D Challenges and opportunities for industry-academia collaboration’ <i>A Panel discussion : Moderator : Dr. G. Narayanan, Professor, IISc, Bangalore</i>	
03:45 pm to 04:00 pm	TEA BREAK	
04:00 pm to 05:30 pm	PAPER PRESENTATION ORAL SESSION II	Four Parallel Tracks (Venue : A11, A12, A13 and EEE Seminar Hall)
05:30 pm onwards	Poster by researchers	<i>Display from 05:00 pm onwards</i> (Venue : BARN Hall)
07:00 pm onwards	CULTURAL PROGRAMME followed by CONFERENCE DINNER	

9th National Power Electronics Conference (NPEC 2019)
SCHEDULE - DAY – 3 // 15.12.2019

08:30 am onwards	REGISTRATION (Venue : Department of Electrical and Electronics Engineering)	
09:00 am to 09:45 am	KEYNOTE ADDRESS III (Venue : BARN Hall)	“Reconfigurable Grid Tied Inverter (RGTI) for Photovoltaic Systems Integration” Dr. Vinod John Asso. Prof., Dept. of Electrical Engineering, IISc Bangalore
09:45 am to 11:00 am	PAPER PRESENTATION ORAL SESSION III	Four Parallel Tracks (Venue : A11, A12, A13 and EEE Seminar Hall)
11:00 am to 11:15 am	TEA BREAK	
11:15 am to 12:00 pm	INVITED PEDAGOGY TALK III (Venue : BARN Hall)	“Pedagogy in Teaching Digital Controllers” Dr. Mukul Chandorkar Professor, EE, IIT Bombay
12:00 pm to 12:45 pm	KEYNOTE ADDRESS IV (Venue : BARN Hall)	“Sponsoring and executing wind energy projects in India” Dr. K. Balaraman Director General, National Institute of Wind Energy, Chennai
12:45 pm to 01:45 pm	LUNCH	
01:45 pm to 03:15 pm	PAPER PRESENTATION ORAL SESSION IV	Five Parallel Tracks (Venue : A11, A12, A13, EEE Seminar Hall and BARN Hall)
03:15 pm to 03:45 pm	TEA	
03:45 pm onwards	VALEDICTORY FUNCTION	