

## 20<sup>th</sup> National Power Systems Conference (NPSC 2018)

### **SCHEDULE - DAY – 1 // 14.12.2018**

08:30 am to 09:30 am	REGISTRATION (Venue : Department of Electrical and Electronics Engineering)	
09:30 am to 12:30 pm (BREAK 11:15 am to 11:30 am)	<b>TUTORIAL 1</b> <i>Theme 1: Protection in Modern Power Systems</i> (Venue:A11 Hall)	<b>"Modern Power System Protection Practices and Applications for Smart Grids and Microgrids"</b> Dr. Ramakrishna Gokaraju, <i>University of Saskatchewan</i> Dr. Ashok Kumar Pradhan, <i>IIT Kharagpur</i>
		<b>"IEC600255 Functional Testing Standards of Numerical Relays"</b> Dr. Sachin Srivastava <i>Principal Engineer and Line Manager</i> <i>Applications, Grid Automation Products, ABB Bangalore</i>
	<b>TUTORIAL 2</b> <i>Theme 2: Synchro-phasor Technology in Power Systems</i> (Venue: A13 Hall)	<b>"Application of WAMS Analytics in the Indian Grid"</b> Dr. Anil Kulkarni & Dr. Soman, <i>IIT Bombay</i>
12:30 pm to 01:30 pm	LUNCH	
01:30 pm to 04:30 pm (BREAK 02:15 pm to 02:30 pm)	<b>TUTORIAL 3</b> <i>Theme 3: HVDC &amp; FACTS</i> (Venue: Computer Center/EEE)	<b>"FACTS Devices and Applications"</b> Dr. Aniruddha M. Gole , <i>HVDC Manitoba &amp;</i> Dr. Om Nayak, <i>Nayak Power Systems</i>
		<b>"Solution to the future power distribution: Microgrids"</b> Dr. N.P. Padhy, <i>IIT, Roorkee</i>
	<b>TUTORIAL 4</b> <i>Theme 4: Micro-grids</i> (Venue: A13 Hall)	<b>"Islanded Operation of Micro-grids – Issues and possible solutions"</b> Dr. Jayashri Ravishankar, <i>UNSW, Australia</i>
04:30 pm to 04:45 pm	TEA	
04:45 pm to 06.30 pm	<b>INAUGURAL FUNCTION</b> (Venue: BARN Hall)	
06:30 pm to 07:15 pm	<b>INAUGURAL KEYNOTE ADDRESS</b> (Venue : BARN Hall)	<b>"A Smart City &amp; Its Attributes"</b> Prof. Saifur Rahman <i>President, IEEE Power &amp; Energy Society (PES)</i>
07:15 pm	INAUGURAL DINNER <i>at BARN Hall</i>	

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### **SCHEDULE - DAY – 2 // 15.12.2018**

08:30 am onwards	REGISTRATION (Venue : Department of Electrical and Electronics Engineering)	
09:00 am to 10:15 am	PAPER PRESENTATION ORAL SESSION I	Five Parallel Tracks (Venue : A11, A12, A13, EEE Seminar Hall and BARN Hall)
10:15 am to 11:00 am	KEYNOTE ADDRESS II (Venue : BARN Hall)	“Indian Power System Continuum” Shri S K Soonee, <i>POSOCO Advisor</i>
11:00 am to 11:15 am	TEA BREAK	
11:15 am to 01:00 pm	‘R&D Challenges and opportunities for industry-academia collaboration’ <i>A Panel discussion</i>	
01:00 pm to 02:00 pm	LUNCH	
02:00 pm to 03:15 pm	PAPER PRESENTATION ORAL SESSION II	Four Parallel Tracks (Venue : A11, A12, A13 and EEE Seminar Hall)
03:15 pm to 04:00 pm	KEYNOTE ADDRESS III (Venue : BARN Hall)	“4 <sup>th</sup> Generation Power System” Dr. Subir Sen, <i>PGCIL</i>
04:00 pm to 04:15 pm	TEA BREAK	
04:15 pm to 05:00 pm	KEYNOTE ADDRESS IV (Venue : BARN Hall)	“Navigating the Modern Grid” Dr Vahid Madani, <i>PG&amp;E, San Francisco, California</i>
05:00 pm to 07:30 pm	Poster Presentation SESSION	Display from 02:30 pm onwards (Venue : BARN Hall)
07:30 pm onwards	CULTURAL PROGRAMME followed by CONFERENCE DINNER	

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### **SCHEDULE - DAY – 3 // 16.12.2018**

08:30 am onwards	REGISTRATION (Venue : Department of Electrical and Electronics Engineering)	
09:00 am to 10:15 am	PAPER PRESENTATION ORAL SESSION III	Four Parallel Tracks (Venue : A11, A12, A13 and EEE Seminar Hall)
10:15 am to 11:00 am	KEYNOTE ADDRESS V (Venue : BARN Hall)	“Recent Advances in Voltage Stability Assessment, Monitoring and Control in the New Environment” Dr. Venkataramana Ajjarapu, <i>Iowa State University</i>
11:00 am to 11:15 am	TEA BREAK	
11:15 am to 12.00 noon	KEYNOTE ADDRESS VI (Venue : BARN Hall)	“Dynamic Modeling for Analysis of Wind Farm and Grid Interaction” Dr. Bikash Pal, <i>Imperial college London</i>
12.00 noon to 1:15 pm	PAPER PRESENTATION ORAL SESSION IV	Five Parallel Tracks (Venue : A11, A12, A13, EEE Seminar Hall and BARN Hall)
1:15 pm to 2:00 pm	LUNCH	
2.00 pm to 02:45 pm	KEYNOTE ADDRESS VII (Venue : BARN Hall)	" Enabling Electric Grid Resiliency: Can Data Analytics help?" Dr. Anurag K Srivastava, <i>Washington State University</i>
02:45 pm to 03:00 pm	TEA	
3.00 pm to 04:15 pm	PAPER PRESENTATION ORAL SESSION 6	Four Parallel Tracks (Venue : A11, A12, A13 and EEE Seminar Hall)
04:15 pm	VALEDICTORY FUNCTION	
04:45 pm	HIGH TEA	