

**National Conference On Electrical & Electronics Measurements
19-20 September, 2018**

DAY 1 (19th September, 2018), Wednesday				
Venue: NPL Auditorium				
Time		Title		
08:30 Hrs – 09:30 Hrs		Registration		
Inaugural Session 09:30 – 11:30 Hrs				
09:30 – 09:35 Hrs		Welcome Address by Dr. V. N. Ojha		
09:35 – 09:50 Hrs		Address by Dr. D. K. Aswal		
09:50 – 10:00 Hrs		Felicitation to Dr. V. N. Ojha, Chief Scientist and Head TFEEM and ESBM, CSIR-NPL		
10:00 – 10:15 Hrs		Address by 'Guest of Honour'; Prof. S. K. Joshi'		
10:15 – 10:30 Hrs		Address by 'Guest of Honour'; Prof. K. Lal'		
10:30 – 10:40 Hrs		Vote of Thanks by Priyanka Jain		
10:40 – 11:30 Hrs		Group Photograph followed by High Tea		
Session 1 11:30 – 12:50 Hrs				
Chairman: Dr. V. N. Ojha, Chief Scientist and Head TFEEM and ESBM, CSIR-NPL				
11:30 – 12:00 Hrs	IT-1	Prof. Malay Ranjan Tripathy- Amity Noida		Galois Lattices and a New Exciting World of Physical Layer!
12:00 – 12:10 Hrs	OP 1	S. Sudha	CPRI Bangalore	Significance of AC Power and Energy Measurements in Portable Reference Standard Energy Meter and its Maintenance
12:10 – 12:20 Hrs	OP 2	NiravTaurank	ERDA, Vadodara	Measurement of Harmonics & Establishing Traceability of Power Analyzer as Per SI Units
12:20 – 12:30 Hrs	OP 19	K. Patel	UDSC, Delhi	Uncertainty in Electric field strength received by CPW-fed antennas using Spectrum Analyzer for RF Energy Harvesting
12:30 – 12:40 Hrs	OP 7	M. Sivarama krishna	IGCAR, Kalpakkam	Smart Sensor For Detection Of Adulteration Of Petrol/Milk
12:40 – 12:50 Hrs	OP 9	Kalpesh Parikh	ERDA, Vadodara	Measurement of Shielding Effectiveness of Shielded enclosure
13:00 -14:00 Hrs		Lunch		
Session 2 14:00 – 16:00 Hrs				
Chairman: Dr. J. S. Kamyotra, Former Member Secretary, Central Pollution Control Board				
14:00 – 14:30 Hrs	IT-2	Dr. V. N. Ojha, CSIR-NPL		Quantum, Electrical-Electronics and Magnetic Metrology at CSIR-NPL; A Review
14:30 – 15:00 Hrs	IT-3	Prof. Dharmendra Singh IIT Roorkee		Microwave Radiation Hazards and its Remedy
15:00-15:10 Hrs	OP 3	L. Sridhar	CSIR-NPL	AC High Voltage Facilities at CSIR-NPL
15:10-15:20 Hrs	OP 4	P Rajamani	CPRI, Hyderabad	Performance tests on 1200 kV AC voltage measuring system of CPRI, UHVRL, Hyderabad
15:20-15:30 Hrs	OP 5	PuranGajera	ERDA, Vadodara	Measurement of radiated emission for transformer under energized condition
15:30-15:40 Hrs	OP 6	K A Aravind	CPRI, Hyderabad	Performance tests on ±1200 kV DC voltage measuring system of CPRI, UHVRL, Hyderabad
15:40-15:50 Hrs	SP 1	MILLP		Presentation by Measurement International
15:50-16:00 Hrs	SP2	Pfeiffer Vacuum		Presentation by Pfeiffer Vacuum
16:00-16:20 Hrs		Tea		

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Session 3 16:20 – 17:20 Hrs Chairman: Prof. Malay Ranjan Tripathy- Dept. of Electrical & Electronics, Amity Noida				
16:20-16:30 Hrs	OP 8	Naina Narang	Manipal University Jaipur	Uncertainty Evaluation for E-field Strength Measurement in Miniaturized GTEM Cell
16:40-16:50 Hrs	OP 10	Anish M. Bhargav	CSIR-NPL	Development of a simulation model for photon detection at visible wavelength
16:50-17:20 Hrs	SP 3 – SP 8	Presentation by Sponsors (Advanced Technical System, Excel Instruments, Aimil Instruments and Technology, C & I Calibrations, ZERA and HPL)		
Poster Session 17:20 – 18:20 Hrs Chairman: Mr. Thomas John, Chief Scientist, TF and EE Metrology Division (Venue Library Corridor) Poster Presentation (PP-01 to PP-15)				

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DAY 2 (20th September, 2018), Thursday (NPL Auditorium)				
Time	Title			
08:30 – 9:30 Hrs	Registration			
Session 4 09:30 – 10:45 Hrs Chairman: Dr. Satya Ram Mishra, Head, Laser Physics Applications Section, RRCAT, Indore				
09:30 – 09:50 Hrs	IT-4	Dr. B. N. Dixit		
09:50 – 10:00 Hrs	OP 11	S. G. Aggarwal	CSIR-NPL	A Novel Method for the Calibration of Particle Counter: A Relation between Particle Electrical Mobility, Mass, Volume and Finally to Mole
10:00 – 10:10 Hrs	OP 12	R. S. Meena	CSIR-NPL	Establishment of Measurement Facility for Dielectric Constant of Solid Reference Materials
10:10 – 10:20 Hrs	OP 13	Sandhya M. Patel	CSIR-NPL	Analysis of the Zener based Reference DC Voltage Standards traceable to PJVS
10:20 – 10:30 Hrs	OP 14	S.De	CSIR-NPL	Calibrated Photodetector and Monitoring System
10:30 – 10:45 Hrs	SP 9	Presentation by KVTEK		
10:45 – 11:00 Hrs	Tea			
Session 5 11:00 – 12:10 Hrs Chairman: Dr. B. N. Dixit, Director; Department of Legal Metrology, Ministry of Consumer Affairs				
11:00 – 11:30 Hrs	IT-5	Dr. Satya Ram Mishra		
11:30 – 11:40 Hrs	OP 15	Umesh	CSIR-NPL	Precision Measurements on TPW Cell Using 0.02 PPM DC Resistance Thermometry Bridge
11:30 – 11:40 Hrs	OP 16	Satish	CSIR-NPL	Development of Digital Lock-in-Amplifier Using Data acquisition
11:40 – 11:50 Hrs	OP 17	Hetvi Gupta	SVIT, Vadodara	Solar DC Energy meter- Novel Concept for Measurement of off grid solar energy
11:50 – 12:00 Hrs	OP 18	AsokPatni	C & I, Jaipur	Measurement Science and Aspect of Laboratory Standardization
12:00 – 12:15 Hrs	SP 10	Presentation by FLUKE		
Poster Session 12:15 - 13:15 Hrs Chairman: Mr. Thomas John (Venue: Library Corridor) Poster Presentation (PP 16 onwards)				
13:15 – 14:00 Hrs	Lunch			
Industrial Meet 14:00 – 17:30 Hrs Present and Future Challenges of Electrical and Electronics Industries; A Roadmap Chairman: Dr. D. K. Aswal, Director, CSIR-NPL (Venue: NPL Auditorium)				
13:30-14:30 Hrs	Industrial Meet Registration			
14:30-15:00 Hrs	Address: Dr. D. K. Aswal			
15:00-16:00 Hrs	Address by Guests of Honour Dr. B. N. Dixit			
16:00-16:15 Hrs	Tea			
16:15-16:45 Hrs	Presentations			
16:45- 17:30 Hrs	Industrial talk / sponsor's/ presentation			
17:30-18:30 Hrs	Panel Discussion (Dr. D. K. Aswal, Dr. B. N.Dixit and Dr. V. N. Ojha) Vote of Thanks			
18:30 Hrs	Tea			

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