



One Day Brain-Storming Session on “Electrical and Electronic Measurements”

(20th September, 2017)

(CSIR-National Physical Laboratory,
Industries and Accredited Laboratories)



Organized By:

**CSIR-National Physical Laboratory
Dr. K. S. Krishnan Marg
New Delhi- 110012**

Registration Form

One Day Brain-Storming Session on
“Electrical and Electronic Measurements”
(20th September, 2017)

Name (Block Letters): Dr. /Prof./Mr./ Ms.

Designation:

Affiliation:

Expertise:

Working in the area:

Address for correspondence:

Phone (Office):

Phone (Residence):

Mobile:

Email:

Are you interested for 5-10 min. presentation? (YES/NO)

Mode of Payment: Electronic (RTGS/ NEFT) Only
Beneficiary Name: Director, National Physical Laboratory
Bank: Syndicate Bank, NPL, PUSA, New Delhi
Account No.: 91002010030018
IFSC Code SYNB0009100.
Kindly confirm the fund transfer details through e-mail.

(Goods & Services Tax (IGST)@18% & (CGST@9% + SGST@9%),
GSTINNo.: 07AAATC2716R2ZG

Date:

Signature

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CSIR-National Physical Laboratory is the National Measurement Institute of India and its mission is to establish, maintain and upgrade the national standards of measurement compatible to international standards through continuous research and development for basic SI units as well as derived units. It provides the apex level calibration and dissemination of standards for maintaining the traceability of measurement following quality system IS/ISO/IEC 17025:2005 consciously and effectively. CSIR-NPL is providing calibrations services to a large number of calibration & testing laboratories, industries, manufactures and to regulatory bodies responsible for formulation and enforcement of standards.

CSIR-National Physical Laboratory is organizing a "One-Day Brain-Storming Session on Electrical and Electronic Measurements" on 20th September, 2017. One participant from each organization will be given an opportunity to speak for 5 -10 minutes about their

- i. future calibration requirements,
- ii. specific problem related to electrical and electronic measurements and
- iii. support they seek from CSIR-NPL.

The program will be divided into lectures, discussion and laboratory visit as per the request/ interest from participants. Participants will also get an opportunity to visit various primary standards of electrical metrology at NPL and learn about them. The following parameters in electrical and electronic measurement will be covered:

- LF and HF Impedance Metrology
- DC Metrology
- LF Voltage and Current Metrology
- Microwave Metrology
- AC High Voltage and Current Metrology
- AC Power and Energy Metrology

Interested participants may fill up the attached registration form and email it to the Convener till **12th September, 2017**.

Registration fee for the brain-storming session is ₹ 1500/- (plus GST as applicable) per participant, which includes kit, lunch and tea/coffee. For any queries and more information please feel free to contact at:

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Co-Convener
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Organizing Committee:

Mentor	Dr. D. K. Aswal	Director, CSIR-National Physical Laboratory
Chairman	Dr. V. N. Ojha	Chief Scientist and Head, Time & Frequency and Electrical & Electronic Metrology
Members	Thomas John	J. C. Biswas
	Dr. R. P. Pant	Saood Ahmad
	M. A. Ansari,	Priyanka Jain

Schedule

Time	Title
8:45 - 9:30 hrs	Registration
9:30 - 9:40 hrs	Welcome Address : Director, NPL
9:40 - 9:45 hrs	About One Day Brain-Storming Session: Dr. V. N. Ojha
9:45 - 10:00 hrs	Introduction of Participants
10:00 - 10:20 hrs	Group Photograph / Tea Break
10:20 - 10:40 hrs	Introduction to Uncertainty in Measurement: Dr. V. N. Ojha
10:40 - 10:50 hrs	LF, HF Impedance and DC Metrology <i>Calibration Services Offered and Future Plans</i>
10:50 - 11:00 hrs	AC Power & Energy Metrology <i>Calibration Services Offered and Future Plans</i>
11:00 - 11:10 hrs	AC High Voltage & Current Metrology <i>Calibration Services Offered and Future Plans</i>
11:10 - 11:20 hrs	LF, HF Voltage, Current & Microwave Metrology <i>Calibration Services Offered and Future Plans</i>
11:20 - 13:00 hrs	10 Minutes Presentation / Talk from Industries & Accredited Laboratories
13:00 - 14:00 hrs	Lunch
14:00 - 15:20 hrs	10 Minutes Presentation / Talk from Industries & Accredited Laboratories
15:20 – 15:30 hrs	Tea Break.
15:30 – 17:00 hrs	Visit to Electrical Metrology Laboratories
17:00 - 17:50 hrs	Discussion and Summary
17:50-18:00 hrs	Valedictory Function
18:00 hrs	Tea / Coffee

Venue

2nd Floor, Conference Room, Apex Metrology Laboratory
CSIR-National Physical Laboratory

Please Note: The number of participants for the program will be limited to 50 only on first come first serve basis.