

## Sh. Joges Chandra Biswas

**Designation:** Chief Scientist  
**Department:** Apex Level Standards & Industrial Metrology  
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### Brief Biodata

- **DP/DU No.:** 2.05/02, AC Power & Energy Standard; Electrical & Electronic Standards

#### **Educational Qualifications:**

<b>Degree</b>	<b>Subject</b>	<b>University/Institute</b>	<b>Year</b>
M.E. in Electrical Engg.	Electrical Power Apparatus and Systems Engg.	Delhi College of Engineering	Continuing (4 semesters completed & project to be completed)
B.Tech (Hons) in Energy Engg. (Electrical)	Energy/Electrical Engg.	Indian Institute of Technology , Kharagpur	1991

- **Date of Joining NPL:** 16.04.1992
- **No. of Publications:**

<b>SCI Journals</b>	<b>Conference/ proceedings</b>	<b>Books</b>	<b>Total</b>
2	11	1	14

- **Current Activity:**

Engaged in Calibration and measurements and related R & D activity in the field of AC Power & Energy. Maintaining and updating the national standard of AC Power & Energy and providing traceability to power sectors, Electricity Boards, R & D institutes & calibration Labs throughout India . Testing high quality energy meters for performance based tests for power corporations and meter manufacturers. Also testing & analyzing energy meters received through court of law for energy theft.

- **Honours and Award:**

Received Outstanding R & D Team award for the year 2007-08

- **Any other Information:**

The PEER Review of the activity 'AC Power & Energy Std.' was successfully completed for 28 CMC entries in January 2004 & also in February 2009.As a pilot Laboratory, Proficiency testing in ac power & energy was carried out in 2004-2006 for 12 NABL accredited Labs. Participated APMP intercomparison in 1996, Bilateral comparison between NPLI-PTB in 2004 and EUROMET Key comparison CCEM-K5 in 2006 for ac power & energy for establishing degree of equivalence. Presently working for setting up of shock & vibration test facility for energy meters and establishing primary standard for ac power & energy.