

Brief Biodata

Name: Ashok Kumar

Designation:	Senior Technician (II)	
DP No. and Name:	1.06 and Pressure, Vacuum & Ultrasonic Metrology Section	
DU No. and Name:	1.0 and Physico-Mechanical Metrology Division	
Email:	Ashok3695@gmail.com	
Date of Joining CSIR-NPL:	14.06.1990	
Phone (office)	011-47091668	
Mobile (optional)		

Research Area/ Interest

Calibration of pneumatic pressure gauges viz. dead weight tester, digital pressure gauges, pressure transducers, pressure dial gauges etc. Maintenance of pneumatic pressure standards

Educational Qualifications

(Please write latest qualification first)

Degree	Subject	University/ Institute	Year
Certificate course in Electrical	Electrical	I.T.I. Sabzi Mandi, Delhi Govt. New Delhi	1985
Xth	Eng., Hindi, Maths, Science, S.Science	CBSE Delhi	1983

Academic / Research Experience

Grade / Post	Institute	Duration		Research Field
		From	To	
Senior Technician (II)	CSIR-NPL	2011	Till date	Calibration of pressure equipment, maintenance of pressure standards
Tech. VIII	CSIR-NPL	2004	2011	To assist to prepare experimental setup for raman spectroscopy instrument.
Tech. VII	CSIR-NPL	1997	2004	
Tech. II	CSIR-NPL	1990	1997	To assist in the experimentation of Low Temperature Physics

No. of Publications

No. of Publications in SCI Journals	No. of Publications in non-SCI Journals	No. of Publications in Conference Proceedings	Books	Total
3	1	1	-	5

Selected Publications

- 1) “Estimation of uncertainty of effective area of a pneumatic pressure reference standard using Monte Carlo method”, Jasveer Singh, L A Kumaraswamidhas, Aditi Vijay, Ashok Kumar & Nita Dilawar Sharma, IJPAP, Vol. 54, December 2016, pp. 755-764.
- 2) “Reliability and long term stability of digital pressure gauge (DPG) used as a standard-A case study”, Jasveer Singh, Ashok kumar, Nita Dilawar Sharma and A.K. Bandyopadhyay, MAPAN, Vol. 26, Issue 2, pages 115-124, June 2011.
- 3) “Establishing a Continous Chain of Traceability for Pressure Measurements up to 40 MPa”, Nita Dilawar Sharma, D. Arun Vijayakumar, Jasveer Singh, Ashok kumar, D.R. Sharma and A.K. Bandyopadhyay, NCSLI Measure J. Meas. Sci. Vol. 8 No. 1,page 56-65, March 2013.
- 4) “Report of the Proficiency Testing in the Pneumatic Pressure Region up to 5 MPa”, J. Singh, N.D. Sharma, A. Kumar and A.K. Bandyopadhyay, MAPAN-Journal of Metrology Society of India, 29(3), 213-222, (2014).

Patents

Nil

Current Activities

(Not more than 100 words)

Testing & Calibration of pneumatic pressure equipment, maintenance of pressure standards

Honour(s)/Award(s)/ Fellowship(s)

Nil

Contributions to AcSIR

Technical assistance to the Research students, PMQC students in the experimental work.

Membership of Professional Societies/ Institutions

NIL

Any other Information

(Not more than 100 words)

NIL