


## Brief Bio-data

**Name:** Om Prakash

<b>Designation:</b>	<b>Principal Technical Officer</b>	
<b>DP No. and Name:</b>	<b>1.06, Pressure, vacuum &amp; ultrasonic Metrology Section</b>	
<b>DU No. and Name:</b>	<b>1.0, Physico-Mechanical Metrology</b>	
<b>Email:</b>	<b>om@nplindia.org</b>	
<b>Date of Joining CSIR-NPL:</b>	<b>08.09.1989</b>	
<b>Phone (office)</b>	<b>01147091687</b>	
<b>Mobile (optional)</b>		

### Research Area/ Interest

Design, development and fabrication of mechanical components used in day to day research and calibration work in the barometric pressure region activity.

Operation and maintenance of primary, secondary and working standards used in the laboratory.

To provide apex level calibration and testing services to govt., semi- govt., public and pvt. Sector, along with SAPRC laboratories.

To maintain quality system as per ISO/IEC 17025-2017

### Educational Qualifications

*(Please write latest qualification first)*

<b>Degree</b>	<b>Subject</b>	<b>University/ Institute</b>	<b>Year</b>
B.E. Mechanical	SOM, Engg. Drg., m/c design, production engg. etc	Jamia Millia Islamia (central university)	2000

### Academic / Research Experience

<b>Grade / Post</b>	<b>Institute</b>	<b>Duration</b>		<b>Research Field</b>
		<b>From</b>	<b>To</b>	
Principal Tech. Officer	CSIR-NPL	08.09.2017	Till dated	Pressure metrology
Sr. Tech. Officer-(3)	CSIR-NPL	08.09.2012	08.09.2017	
Sr. Tech. Officer (2)	CSIR-NPL	08.09.2007	08.09.2012	
Sr. Tech. Officer (1)	CSIR-NPL	08.09.2002	08.09.2007	
Tech. Officer	CSIR-NPL	08.09.1999	08.09.2002	Magnetic and material science
Sr. Tech. Assistant	CSIR-NPL	08.09.1994	08.09.1999	
Technical Assistant	CSIR-NPL	08.09.1989	08.09.1994	

### **No. of Publications**

<b>No. of Publications in SCI Journals</b>	<b>No. of Publications in non-SCI Journals</b>	<b>No. of Publications in Conference Proceedings</b>	<b>Books</b>	<b>Total</b>
11		6		17

### **Selected Publications**

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### **Patents**

“An automatic calibration setup for multiple blood pressure measuring instruments” October 2021; Patent : 202111048098

### **Current Activities**

*(Not more than 100 words)*

To provide apex level calibration and Testing of barometric pressure range pressure measuring instruments through using primary, secondary and working standards maintained in the laboratory.  
To provide consultancy especially design and development of pressure measuring instruments.  
To disseminate barometric pressure related knowledge through technical training programme.  
To design and development of mechanical working station for testing and verification of blood pressure measuring instruments.

### **Honour(s)/Award(s)/ Fellowship(s)**

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### **Contributions to AcSIR**

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### **Membership of Professional Societies/ Institutions**

Metrology society of India (Life member)  
Ultrasonic society of India(Life member)  
Instrument society of India(Life member)  
Swadeshi science movement(Life member)

### **Any other Information**

*(Not more than 100 words)*

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