

## PROF. ARUP KUMAR RAYCHAUDHURI



### **PERSONAL INFORMATION:**

**Distinguished Professor Emeritus and J. C. Bose Fellow (SERB)  
Ex-Director and Distinguished Professor  
S.N. Bose National Center for Basic Sciences.**

**Formerly  
Director, National Physical Laboratory (CSIR) , New Delhi  
Professor , Indian Institute of Science , Bangalore**

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### **Academic Qualification:**

Degree	Year	Institute/University	Class/rank
B.Sc	1973	M.S.University, Baroda, India	1st in 1st.Class
M.Sc	1975	Indian Inst. of Tech., Kanpur, India	1st in 1st Class
Ph.D	1980	Cornell University, Ithaca, USA	

**Thesis topic: “Search for the origin of the low temperature anomalies in glasses”**

### **Professional experience and positions held**

<b>Year</b>	<b>Position</b>	<b>University/Institute</b>
<b>1980-82</b>	<b>von Humboldt Fellow</b>	<b>Max Planck Institute Stuttgart, Germany</b>
<b>1982-1986</b>	<b>Lecturer</b>	<b>Indian Institute of Science, Bangalore</b>
<b>1986-1991</b>	<b>Assistant Professor</b>	<b>-do-</b>
<b>1991-1997</b>	<b>Associate Professor</b>	<b>-do-</b>
<b>1997-1997</b>	<b>Professor</b>	<b>-do-</b>
<b>1997-2000</b>	<b>Director</b>	<b>National Physical Laboratory, New Delhi.</b>
<b>2000-2004</b>	<b>Professor</b>	<b>Indian Institute of Science, Bangalore</b>
<b>2004-2006</b>	<b>Senior Professor</b>	<b>S.N.Bose National Center for Basic Sciences, Kolkata</b>
<b>2006-2013</b>	<b>Director and Senior Professor</b>	<b>-do-</b>
<b>2013-2015</b>	<b>Director and Distinguished Professor</b>	<b>-do-</b>
<b>2015-till date</b>	<b>Distinguished Professor-Emeritus</b>	

**Visiting Faculty Positions:** Cornell University , Ithaca, USA, Univ. of Maryland, College Park, USA , Univ. of Karlsruhe, Karlsruhe , Germany.

## **Important Fellowships and Awards:**

Alexander von Humboldt Foundation fellowship (1980), N.S.Satyamurthy Award (IPA) (1986), Fellow, Indian Academy of Sciences (1993), Shanti Swarup Bhatnagar Award in Physical Sciences (1994), Millennium Medal of the Indian Science Congress (2000), Fellow, Indian National Science Academy (2000), Fellow, Asia-Pacific Academy of Materials (2000), ICS Gold Medal of the Materials Research Society of India (2002), FICCI Award in materials science and applied science (2003), Meghnad Saha Medal (Asiatic Society of India) (2004), J.C. Bose Fellowship (2006), Homi Bhabha Medal (INSA) (2008), National Research Award in Nanoscience and Technology (Nanomission) (2012), Distinguished Materials Scientist of the Year (MRSI) (2015)

## **Students guided (for Ph.D degree)**

Ph.D thesis submitted and degree obtained till date - 33, Currently registered - 4

## **Publications**

Refereed Journal (till may 2015)- about 260., Important reviews 10

## **Membership of professional bodies**

(a) Elected international commissions

Commission on Low temperature physics (C 5) International Union of Pure and Applied Physics (IUPAP) Till 2003

(b) Member: American Physical Society, Materials Research Society (MRS, USA),

(c) Life Member : Indian Physics Association, Materials Research Society of India, Indian Association of Physics Teachers.

## **Membership of important boards and councils**

Member Board of Governors IISER, Pune (2006-2009), Member Board of Governor IIT, Kanpur (2011-2014), Council Indian Academy of Sciences, Bangalore (1998-2000), Council Indian National Academy of Sciences, New Delhi (2014), Member Science and Engineering Research Board (2014-till date).