

## PROF. ARUP KUMAR RAYCHAUDHURI



### A. PERSONAL INFORMATION:

**Director and Distinguished Professor :**  
**S.N.Bose National Center for Basic Sciences.**

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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 , India</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. India</b>
<b>2000-2004</b>	<b>Professor</b>	<b>Indian Institute of Science Bangalore , India</b>
<b>2004-2006</b>	<b>Senior Professor</b>	<b>S.N.Bose National Center for Basic Sciences</b>
<b>2006-2013</b>	<b>Director and Senior Professor</b>	<b>-do-</b>
<b>2013-</b>	<b>Director and Distinguished Professor</b>	<b>-do-</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 Bhaba Medal (INSA) (2008), 6<sup>th</sup> National Research Award in Nanoscience and Technology (Nanomission) (2012).

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

PH.D THESIS COMPLETED AND DEGREE OBTAINED 30 (IISC-24, S.B.BOSE NATIONAL CENTRE-6), CURRENTLY REGISTERED 7

### **Publications**

REFEREED JOURNALS 236 (TILL JUNE 2013) , IMPORTANT REVIEWS : 10

### **Editorial Boards/Referee**

Member Editorial Board-J of Low Temperature Physics,

Referee :Physical Review and Physical Review Letters, AIP Journals and IOP Journals.

### **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, Biophysical Society, Materials Research Society (MRS, USA), Indian Physics Association, Instrumentation Society of India, Materials Research Society of India. Indian Association of Physics Teachers.**