

PROF. VIRENDRA SINGH

Curriculum Vitae

Name : Professor Virendra Singh
Date & Place of Birth: June 8, 1938 at Bijnore (Uttar Pradesh)
India
Citizenship : Indian

Education

High School : D.N. Inter College, Meerut 1946-1951
Intermediate Science: Meerut College, Meerut 1951-1953
Degree : B.Sc. (Physics, Chemistry
Mathematics)
Meerut College, Meerut
(Agra University) 1955
M.Sc. (Physics),
Meerut College, Meerut
(Agra University) 1957
Ph.D. Univ. of California
Berkeley, USA 1962

Positons held

- i) Tata Institute of Fundamental Research, Mumbai, India
Research Assistant (1957-64),
Reader (1964-66),
Associate Professor (1966-70),
Full Professor (1970-81),
Senior Professor (1981-90),
Director (1987-97)
Professor of Eminence (1990-2003)

After my retirement from TIFR, I also held there,
INSA-C.V. Raman Research Professorship (2003-2008)

- ii) Lawrence Radiation Laboratory, Berkeley;
Graduate Student (1959-62)
- iii) California Institute of Technology, Pasadena;
Research Fellow (1962-63)
- iv) Institute for Advanced Study, Princeton;
Member (1963-64)

- v) The Rockefeller University, New York;
Visiting Associate Professor (1966-67) and
Visiting Full Professor (1971-72)

Academic Fellowships

- i) Elected Fellow of the Indian Academy of Sciences, Bangalore, India (1970);
- ii) Elected Fellow of the Indian National Science Academy, Delhi, India (1975);
- iii) Member of the Council of the Indian Academy of Sciences, Bangalore, India (1977-1982);
- iv) Elected Fellow of the National Academy of Science, Allahabad, India (1989);
- v) Elected Fellow, Third World Academy of Sciences (TWAS), Trieste, Italy (1999);
- vi) Elected Fellow and Chartered Physicist, The Institute of Physics, U.K. (2000),
- vii) Chairman, Mumbai Chapter, National Academy of Sciences, Allahabad, India (2001-2007).

Prizes and awards

- i) Shanti Swaroop Bhatnagar Prize for Physical Sciences, CSIR, 1973;
- ii) Meghnad Saha Award for Research in Theoretical Sciences, UGC, 1979
- iii) Goyal Prize for Physical Sciences, Goyal Foundation, 1995;
- iv) Meghnad Saha Lecture Award, National Academy of Sciences, 1996;
- v) C.V. Raman Birth Centenary Gold Medal, ISCA, 1996;
- vi) K.R. Ramanathan Memorial Lecture, PRL, Ahmedabad, 1995;
- vii) Bicentennial Lecture, Indian Institute of Astrophysics, Bangalore, 1995;
- viii) Sixth S.N. Bose Memorial Lecture, S.N. Bose Centre for Basic Sciences (SNBCBS), Kolkata, 1995;
- ix) S.N. Bose Memorial Lecture, Kolkata Mathematical Society, 1995;
- x) Bhabha Memorial Lecture of the Institution of Electronic & Telecommunication Engineers (IETE), Delhi, 1997;
- xi) First Homi Bhabha Visiting Lecturer to U.K., under the Joint Indian Physics Association-Institute of Physics (U.K.), 2000.

Memberships of Scientific and Administrative Committees

- i) Council Member (1986-88)
Indian Statistical Institute, Calcutta, India.
- ii) Council Member (1987-92)
Saha Institute of Nuclear Physics, Calcutta, India;

- iii) Council Member (1994-2001)
Indian Science News Association, Calcutta, India;
- iv) Member (1994-98) Governing Body,
National Council of Science Museums, Delhi;
- v) Vice President (1983-94)/President (1985-86)
Indian Physics Association
- vi) Member (1987-93) Commission of Particles & Fields,
International Union of Pure and Applied Physics
- vii) Chairman (1986-93)
Board of Research in Nuclear Sciences,
Department of Atomic Energy, Mumbai, India;
- viii) Chairman (1993-97) Governing Council
Society for Applied Microwave Electronics Engineering &
Research (SAMEER) Mumbai, India;
- ix) Chairman (1994-96) Executive Committee,
Nehru Science Centre, Mumbai, India.
- x) Member, Board of Advisors, Centre for Philosophy &
Foundation of Science, Delhi (1998 -

N.B. The Membership of numerous advisory committees of national and international Conferences are not listed.

Membership of Editorial Boards

- i) Member (1974-76 & 1989-91) Editorial Board
Indian Journal of Pure & Applied Physics;
- ii) Member (1975-77) Editorial Board,
Indian Journal of Pure & Applied Mathematics
- iii) Member (1982-89) Editorial Board,
PRAMANA;
- iv) Member (1985-92) Editorial Board,
Comments on Nuclear & Particle Physics (Gordon & Breach
Publication);
- v) Member (1990) Editorial Board,
Asia-Pacific Physics News, Vol.5

vi) Member (1991 till todote) Editorial Board,
AAPPS Bulletin.

Main areas of research

Theoretical Physics, High Energy Physics, Quantum Physics,
Foundations of Quantum Mechanics, History and Philosophy of Science.