

Prof. Bikash Sinha



Dr. Bikash Sinha was born in 1945. He is a first class Science Graduate from the University of Calcutta. He obtained his TRIPOS from Cambridge University in Natural Science in 1967 and obtained his Ph.D. from London University in 1970 and D.Sc. in 1981. Dr. Sinha lived in England for about 12 years, teaching and researching in Rutherford High Energy Physics Laboratory and Kings College, London.

Internationally known, he has travelled extensively and is known to most of the peers of Physics for Europe, USA, former USSR, Japan, China and Latin America.

He has published more than 250 papers and delivered talks in international scientific conferences extensively. **The pioneering work on Quark Gluon Plasma is already well recognized internationally.** A series of invited talks in international conferences and membership of the significant advisory committees substantiate that reputation and credibility.

Dr. Sinha is the recipient of **S.N. Bose Birth Centenary Award** of the Indian Science Congress Association in 1994.

Dr. Sinha joined Bhabha Atomic Research Centre in 1976 after coming back from England and was Director of Variable Energy Cyclotron Centre. He is a **Fellow of the prestigious Indian National Science Academy as recognition of his outstanding research in Physics (1989). He is also a Fellow of National Academy of Sciences, Allahabad (1993) and Indian Academy of Sciences, Bangalore (2004).** Dr. Sinha has taken a keen interest in the application of nuclear medicine for diagnostics, and treatment of various diseases especially for Cancer patients. The recently established Radiation Medicine Centre in Kolkata is a part of the Cyclotron Centre.

Dr. Sinha held the concurrent charge as Director, Saha Institute of Nuclear Physics, Kolkata, from November 1992 – till June 2009.

During his tenure as Director, the Variable Energy Cyclotron Centre as well as the Saha Institute of Nuclear Physics, the two premier Institutions of the Department of Atomic Energy, flourished tremendously and have become acclaimed as centres of excellence internationally. Saha Institute expanded its activities including participation at CERN with a new chip called MANAS, an immediate world success.

VECC on the other hand built the Photon Multiplicity Detector for CERN, LHC, another landmark success under Dr. Sinha's leadership.

Rather more recently, the Superconducting Cyclotron at VECC was commissioned, a remarkable feat even in international standard and a tribute to Dr. Sinha's talent both as a technologist, leader of men and a scientist.

Dr. Sinha has been a **Member of the Scientific Advisory Committee to the Cabinet, Government of India from June 14, 1997** for two years and **Chairman of the International Radiation Physics since February, 1997 and the Chairman of the National Committee for International Union for Pure & Applied Physics, since 1998.**

Dr. Sinha was the Chairman of the executive Committee of National Council of Science Museum, Kolkata and also a Member of the Governing Council of National Council of Science Museums.

He was also the Chairman of the Executive Committee of the Birla Industrial and Technological Museum, Kolkata.

Dr. Sinha has been conferred Padmashri Award by the Government of India in 2001 for his significant contribution in Science & Technology.

Dr. Bikash Sinha has been awarded **D.A.E. – Dr. Raja Ramanna Prize'2001** and delivered the Pandya Endowment lecture Award, IPA, 2001 and Rais Ahmed Memorial Lecture Award, Aligarh, 2001.

He is a **member of the VISVABHARATI Academic Council** since 2002 and a **member of the Senate of Indian Institute of Technology, Kharagpur.**

Dr. Bikash Sinha has become the **Fellow of the 3rd World Academy of Sciences, Italy, 2002 and Indian Academy of Sciences, Bangalore, 2004.**

Recently he was elected to the fellowship of the Institute of Physics, U.K.

Dr. Bikash Sinha was the Vice-chancellor of West Bengal University of Technology since February 2003 to December 18, 2003 in addition to his regular responsibilities and also a member of the Scientific Advisory Committee to the Cabinet, Govt. of India. Dr. Sinha has been awarded **R.D. Birla Award for Excellence in Physics – 2002.**

Dr. Sinha has been nominated by Department of Science & Technology, Govt. of India, as a **member on the Council of Management of the Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, from March 2004.**

President of India in his capacity as Visitor of the University of Hyderabad has been pleased to appoint Dr. Sinha as his nominee on the Executive Council of the University of

Hyderabad from June 2004 and he is also nominated as a member of the Executive Council of VISVA-BHARATI from 2004.

Hon'ble Prime Minister of India has nominated Dr. Sinha as a Member of the Scientific Advisory Council to the Prime Minister from January 27, 2005.

He has been reelected for the second time as a Member of the Scientific Advisory Council to the Prime Minister from December, 2009.

Recently Dr. Sinha has been awarded Honorius Doctorate in Physics from National Academy of Sciences of Ukraine (2005).

Ministry of Human Resource Development appointed Dr. Sinha as the Chairman of the Local Committee of the Indian Institute of Science Education and Research (IISER), Kolkata, in June 2005 and the **Chairman of the Board of Governors of National Institute of Technology (NIT), Durgapur in June 2005.**

Dr. Sinha was awarded Humboldt Research Award by the Alexander von Humboldt Foundation, Germany, in November 2005. He was awarded Prof. Meghnad Saha Memorial Lecture Award (2007) from The National Academy of Sciences, India, in August 28, 2007 and he was elected as President of the Indian Physics Association in November, 2007.

He was awarded prestigious "Bidhan Memorial Honor" on 1st July 2008 from Bidhan Memorial Trust, Kolkata.

Recently Dr. Sinha was appointed as Distinguished Visiting Scholar by the Christ's College, Cambridge on March 09, 2009 and also elected as Fellow of the Institute of Physics, London, UK, in March 2009.

He retired from service as Director, Variable Energy Cyclotron Centre and Saha Institute of Nuclear Physics in June 2009.

He is now the Homi Bhabha Professor, the distinguished Chair of the Department of Atomic Energy, Government of India.

Prof. Bikash Sinha has been conferred Padma Bhushan Award by the President of India in 2010 for his significant contribution in Science & Technology.