

## Brief Resume



B V Sreekantan, PhD (TIFR, Mumbai), Visiting Professor, NIAS

Dr Sreekantan is currently Visiting Professor at this Institute and also Chairman, Gandhi Centre of Science and Human Values of the Bharatiya Vidya Bhavan, Bangalore. He was Dr Radhakrishnan Visiting Professor in 1992. He was the Director of the Tata Institute of Fundamental Research during 1975-87 and the Indian National Science Academy Srinivasa Ramanujan Professor during 1987-92. He has specialised in cosmic rays, high-energy physics and high-energy astronomies and has published over 200 research papers. He has received a number of professional awards including the RD Birla Award of the Indian Physics Association and the Padma Bhushan. He has held a number of Visiting positions including in the US and Japan. After moving to NIAS, Prof Sreekantan shifted his interests from pure science to studies on scientific and philosophical studies on consciousness and exploration of commonalities and similarities in holistic approaches in modern science and ancient philosophies. Through two seminars organized by him at NIAS, the historical epistemological, mathematical, experimental and technological factors that laid the foundations of sciences and led to the growth of modern science over the last few decades were analyzed and these have been incorporated in a volume that is under publication by ICPR. Joined NIAS on 6th August 1992

**Badanaval Venkata Sreekantan** received the PhD (1954) from the University of Bombay. He was Director, Tata Institute of Fundamental Research, Mumbai (1975-87) and INSA Srinivasa Ramanujan Research Professor (1987-92).

**Academic and Research Achievements:** Sreekantan's research encompasses three distinct but related areas of fundamental science, viz. cosmic rays, elementary particles, and high energy X-ray and  $\gamma$ -ray astronomies. He carried out deep underground experiments in Kolar Gold Field (KGF), cloud chamber studies of cosmic ray interactions at Ooty; X-ray, gamma-ray astronomy experiment: with balloons from Hyderabad and rockets from TERLS and SHAR. He also made extensive air shower experiments at Ooty and KGF. He has

published over 200 research papers. His current interests are in Philosophy of Science and Scientific and Philosophical studies on Consciousness.

Prof B V Sreekantan is currently Visiting Professor at NIAS; Chairman, Gandhi Centre of Science and Human Values of the Bhavan, Bangalore. He was an Editorial Fellow of the Project of History of Indian Science, Philosophy and Culture (PHISPC) and the Indian National Science Academy Srinivasa Ramanujan Professor during 1987-92. He was Visiting Scientists/Visiting Professor at several universities in the US and Japan.

**Other Contributions:** Sreekantan was Vice-Chairman, IUPAP Cosmic Ray Commission (1987-93), and Chairman, Governing councils of SAMEER, Indian Institute of Astrophysics and Research Council, National Physical Laboratory, and others.

**Awards and Honours:** Professor Sreekantan was conferred Homi Jahangir Bhabha Medal of INSA (1978), CV Raman Award by UGC (1977), RD Birla Award by Indian Physics Association (1982), Ramanujan Award, Indian Science Congress (1989), Padma Bhushan (1988), UGC National Lecturer and PMS Blackett Memorial Lecture Award by INSA-the Royal Society (1978). He was elected Fellow of the Indian Academy of Sciences, Bangalore; Indian National Science Academy, Delhi and Maharashtra Academy of Sciences. He is also the recipient of Sir M. Visveswaraya Senior Scientist State Award and also Rajyotsava Award, Government of Karnataka.