

Biography

Salil Bose obtained his PhD from the University of Rochester, New York in 1975. His thesis was on energy transduction in photosynthetic processes. After completing post-doctoral training in Brookhaven National Laboratories in Long Island and University in Illinois at Urbana-Campaign he taught and conducted research on bioenergetics at two universities including Jawaharlal Nehru University where he served as professor and chairman of the Center for Biotechnology. Prof Bose worked for eleven years as a senior scientist in National Institutes of Health (NIH) in USA doing research on fast kinetics of proton (H^+) transduction in bacteriorhodopsin photocycle, fast kinetics of electron transfer in cytochrome oxidase, and regulation of oxidative phosphorylation in mitochondria by monitoring electron transfer kinetics and changes in transmembrane electrical potential. Prof Bose has published over 100 research papers.

Professor Bose served Nanyang Technological University (NTU) in Singapore for thirteen years, initially as visiting professor and later as Senior Education Consultant. He was involved in advising PhD students, and developing and teaching interdisciplinary courses at various levels—undergraduate to PhD. He initiated the development of online courses at NTU and conducted research in developing effective online assessment methodology. He also served the NTU School of Computer Science as an adjunct professor to teach systems biology to the Master's students in bioinformatics.

For many years Professor Bose has been working as the Editor-in-Chief of a Canadian journal, *International Journal of Biology* published by the Canadian Center of Science and Education (www.ccsenet.org) and as a member of the international advisory board of a British journal, *Journal of Biological Education* published by the Society of Biology (www.societyofbiology.org/).

Invited as a visiting scientist/professor, Professor Bose has contributed to research and teaching at many reputed institutions such as Kyungpook National University in South Korea, Washington University at St. Louis USA, Imperial College of Science & Technology London, Carnegie Institution of Washington at Stanford University, University of California at Berkeley, and Michigan State University at East Lansing, USA.

Professor Bose is an elected **Fellow of the Royal Society of Biology, UK.**