

*Professor S. Sivaram* www.swaminathansivaram.in

Swaminathan Sivaram is a polymer chemist, mentor and science manager of distinction. He is presently an INSA Senior Scientist and Honorary Professor at the Indian Institute of Science Education and Research, Pune, India. Prior to this he held the position of CSIR Bhatnagar Fellow (2010-15) and J.C. Bose National Fellow of the Department of Science and Technology (2007-15) at CSIR-NCL. He served as the eighth Director of National Chemical Laboratory (NCL), one of the largest publicly funded research and development laboratories devoted to chemical sciences from 2002-10. An alumnus of IIT-Kanpur, he received his PhD in Chemistry from Purdue University, USA. He was a Research Associate at the Institute of Polymer Science, University of Akron, USA before returning to India to pursue his professional career at the Research Centre of IndianPetrochemicals Corporation Ltd., at Vadodara in 1973. In 1988, he moved to NCL as Head of the Polymer Chemistry Division.

Dr. Sivaram has held leadership roles in R&D in, both, academia and industry. He has over forty years of experience in basic research, process/product R&D and S&T management, both, in industry and academia. He is widely recognized for his contributions to polymer science, technology development, institution building and management of innovation in publicly funded organizations.

The President of India honored Dr. Sivaram with the coveted civilian award, Padma Shri, in 2006. He was awarded the Doctor of Science (honoris causa) by Purdue University, USA in 2010 for his exceptional attainment and merit.

Dr. Sivaram is a recipient of numerous professional honors and recognitions in India. He is an elected Fellow of all the learned academies of science and engineering in India, namely, Indian National Science Academy, New Delhi, Indian Academy of Sciences, Bangalore, National Academy of Sciences, Allahabad and Indian National Academy of Engineering, New Delhi. He is also an elected Fellow of the Academy of Sciences for the Developing World, Trieste, Italy (TWAS), Fellow of the International Union of Pure and Applied Chemistry (IUPAC) and Royal Society of Chemistry, UK.

He has lectured widely around the world and has been Visiting Professor at the University of Bordeaux, France, Free University of Berlin, Germany and H.A. Morton Distinguished Professor of Polymer Science at the University of Akron, Ohio, USA

He has mentored the Ph.D. thesis of 36 students, over a dozen post-doctoral fellows and published over 210 papers in peer reviewed scientificjournals. He is cited as an inventor in 49 granted European and US as well as 52 Indian patents. Several of his patents have been licensed tocompanies worldwide. He has edited two books, authored one book and serves on the Editorial Board of several national and international journalsin chemistry and polymer science.

Dr. Sivaram serves as the Chairman of the Scientific Advisory Committee, Vyome Biosciences Ltd., New Delhi and a Member of the ScientificAdvisory Council of Indian Oil Corporation R&D, Faridabad, Apollo Tyres, Gurgaon, HLL Life Care Ltd, Thiruvananthapuram and Asian Paints Limited, Mumbai. He is a member of the Board of Directors of Asian Paints Limited, Mumbai, Apcotex Industries Limited, Taloja, GMM Pfaudler Limited, Anand, Deepak NitriteLimited, Vadodara, Supreme Petrochemicals Limited, Mumbai and Gharda Chemicals Limited, Mumbai. He was the founder-Chairman of the Board of Directors of Entrepreneurship Development Center, Pune (Venture Centre), a company set up to drive innovation and create wealth out of cutting edge science and technology which has grown onto one of India's finest technology business accelerator with a bouquet of services to translate science into market facing applications He is a much sought after consultant to many leading chemical industries in India and abroad.

Dr. Sivaram's research interest concerns polymer synthesis (cationic, anionic, GTP, Ziegler Natta, free radical and step growth polymerizations), highperformance polymers, surface chemistry of polymers, porous polymers for energy related applications, biodegradable polymers, polymers fromrenewable resources, organic-inorganic hybrids and nanocomposites and structure-property relationship in polymers.