# A brief professional profile of Prof. Anil Kumar Singh

A former Professor in the Department of Chemistry, Indian Institute of Technology Bombay (IIT-B), Prof. Anil Kumar Singh embodies a great wealth of expertise and experience in chemical and allied sciences education and research, policy formulation and administration. During a career spanning over four decades, Prof. Singh has worked in several senior key capacities at IIT-B and participated in drawing up and developing academic policies and programs of education and research, as well as expansion of collaborations both in India and abroad. He has also been associated in multiple capacities with other national and international educational institutions, R&D organizations, government bodies, prestigious science academies and societies, and policy-making entities to drive organizational excellence. He has held the position of Director, CSIR-Regional Research Laboratory, Jorhat, India, and Vice-Chancellor of two major universities, the Bundelkhand University (Jhansi, India) and the University of Allahabad (a central university in Prayagraj, India). Recently, Prof. Singh has also shouldered the responsibility as Independent Director of the Rashtriya Chemicals and Fertilizers Ltd., Mumbai (a public sector undertaking of the Ministry of Chemicals and Fertilizers, Government of India).

Prof. Singh's research interests are multidisciplinary, broadly spanning the areas of organic and bioorganic chemistry, photochemistry and photobiology, with a focus on developing molecular understanding of the photocontrol of structure and functions of photoreceptor proteins involved in vision and biological energy transductions; excited state chemistry of linear polyenes; and transformative biomolecular and light-mediated sustainable chemical approaches toward design and development of novel molecules and speciality chemicals including fluorescent probes, new-age agrochemicals, retinoids-based anticancer compounds, radioprotectants, design and development of nanoparticles of low-molecular-weight organic molecules for optoelectronic and medical applications, and smart photoswitches and phototriggers for biomolecular caging and other chemical and biological applications.

Prof. Singh is widely traveled and delivered a large number of talks in prestigious gatherings of academicians and scientists in conferences, and in teaching and research centers of higher learning in India and abroad. His endeavors and contributions have been duly recognized by the academic and research organizations, government and corporate bodies, prestigious science academies, and professional societies with awards and honors.

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