



Prof. Vinod K. Singh, IISER Bhopal

Title: Enantioselective tandem approach to isoindolinone, lactone, and cyclohexane based synthetically useful moities

Professor Vinod Singh did M.Sc. in Chemistry from BHU (1980) and Ph.D. work at Multi-Chem Research Centre, Nandesari, Baroda (1980-1984). He did his postdoctoral work in Canada (1985-1987) at the University of Calgary and the University of British Columbia. He subsequently moved to the U.S.A. to do another postdoctoral work (1987-1990) at Harvard University with Professor E. J. Corey, a Nobel Laureate. After a brief stint as a Senior Scientist at Neurogen Corporation, USA, Vinod Singh joined IIT Kanpur in 1990 as an Assistant Professor and rose to the rank of Professor. He also held there the position of Umang Gupta Chair Professor. Since 12th June, 2008, he is the Founding Director of IISER Bhopal (on lien from IITK).

Professor Singh's research falls in the area of Synthetic Organic Chemistry, more specifically, asymmetric synthesis. His work has been recognized with several awards and honours such as Padma Shri (2014), Goyal Prize (2011), Shanti Swarup Bhatnagar Prize (2004), and Swarnajayanti Fellowship Award (1998), among others. In addition, he has been elected as a Fellow of the Indian National Science Academy (FNA), Indian Academy of Sciences (FASc), National Academy of Sciences (FNASc), and The World Academy of Sciences (FTWAS).

Professor Singh is an Editor of an Elsevier journal - Tetrahedron Lett. He was conferred upon D.Sc. (*honoris causa*) by Jabalpur University in 2012.

In the past, he served as the Founding Director of SPA Bhopal (additional charge) and the Chairman of BoG, NITTTTR Bhopal. He also held the additional charge of Directorship of MANIT Bhopal and IIIT Bhopal. He had been a Mentor Director of IISER Berhampur for 2 years.

He had been a Member of the Scientific Advisory Council to the Prime Minister (SAC to PM) during 2009-2014.