

Session II

Process Development

Session Chair



Prof. P. M. Bhate

Prakash Bhate completed his B.Sc. from Ruia College, Mumbai in 1974 and B.Sc. (Tech.) in Dyestuff Technology from UDCT in 1977. After a two-year stint as a bench chemist in industrial R&D he proceeded to The Ohio State University where he earned his Ph.D. in Synthetic Organic Chemistry in 1984. He returned to India in 1985 as a Scientist at Alchemie Research Centre, ICI India's corporate R&D laboratories at Thane where he did exploratory work on polysaccharides. In 1987 he was transferred to ICI's Explosive Division at Gomia, Bihar where he developed emulsion explosives. In 1991 he joined the R&D laboratories of Atul Products Limited and became Vice President – Research in 2000. During his 16 year tenure with Atul, Dr Bhate and his team developed several safe, sound and environmentally friendly processes for making a variety of dyestuff intermediates, specialty chemicals, phosgenated products and fine chemicals; many of which have since been commercialized. He moved to TechNova Imaging Systems (P) Ltd in 2007 where he was responsible for developing and improving processes for photo sensitive products used for making pre sensitized printing plates. He joined as Professor in Dyestuff Technology at Institute of Chemical Technology, Matunga in 2008. He has uncovered a totally new reactive dye system based on diazonium salts. He retired from ICT in October 2018.