



Prof. Bhisma Patel, IIT Guwahati

Title: Cascade and Multicomponent Strategies in the Construction Heterocyclic Scaffolds

Prof. Bhisma K. Patel obtained his B.Sc and M.Sc from Sambalpur University with 1st ranks and Ph.D from IIT Kanpur in 1994 securing highest CPI. He went to the Max-Planck Institute for Experimental Medicine for his post-doctoral research and started his independent carrier at IIT Guwahati as an Assistant Professor in April 1997. He was promoted to full Professor in August 2005 and become a HAG Professor in September 2011. Professor Patel has 140 research publications in peer reviewed journals and three patents. He has over 3700+ citations with “h” index 35 and “i10” index of 84. So far he has guided 20 Ph.D and 36 master students for their dissertation. He is the elected fellow of The National Academy of Science, India (NASI) and recipient of CRSI Bronze Medal-2014, Costal Chemical Research Society Award (CCRS-2016), R.C. Tripathy Young scientist, ITS grant from DST, Visiting Professor under JSPS and UKIERI.

His area of research include study of organic reaction mechanisms, synthesis of heterocycles, biosensors, green chemistry, metal catalyzed oxidative functionalization and hypervalent iodine mediated organic transformations. In last four years two of his publications in Organic Letters are selected as “Editors Choice Articles” and 16 other publications are “most read/hot articles” in journals such as Chem Commun., Org Lett., JOC, Eur JOC, Adv Synth & Catal., Tetrahedron.

He was the Dean of Student’s Affairs, Head of Central Instruments Facility, Chairman GATE, Chairman DRDO Scientist Entry Test. He was also the member of the Board of Governors at IIT Guwahati, NIT Nagaland, Visitors nominee to NIT Meghalaya, Visitors nominee to Aliah University. Member of Board of Studies of North Eastern Hill University, Central University Jharkhand, KIIT University.