

Biography

Prof. Boopathy Gnanaprakasam

Department of Chemistry, Indian Institute of Science Education and Research (IISER), Pune. E-mail: gnanaprakasam@iiserpune.ac.in

Dr. Gnanaprakasam Boopathy was born (1979) and raised in Kanchipuram (near Chennai), India. He graduated in chemistry (2001) from the University of Madras. Subsequently, he spent 2 years in Dr Reddys Laboratories as a senior chemist. Then, he moved to CSIR-CSMCRI, Bhavnagar, Gujarat for his Ph. D (2003-2008) and obtained a degree in 2008 on “Synthetic methods towards terpenoids, steroids and macrocycles”. Subsequently, he has completed a couple of Post-Doctoral programs from Weizmann Institute of Science, Israel (September 2008-August 2011) under Professor David Milstein and an AVH fellow from Gottingen University, Germany (September 2012- February 2014) under Professor Lutz. F Tietze. Prior to the AVH post-doctoral fellowship, he worked as a scientist at ICES-ASTAR, Singapore (December 2012-July 2013). After the Post-Doctoral program, he began his independent career as an Associate Professor at SRM Research Institute (March 2014-June 2014). In July 2014, he moved to IISER-Pune in the department of chemistry, where he currently holds the rank of Professor. He was Deputy Chair Chemistry during 2022-2025. He has been awarded the PC Ray Flow Chemistry award (2021), SSHN visiting fellowship (2025), Humboldt Award for a Post doctoral fellowship (2012) and CSIR-Senior Research Fellowship (2005). He has published 65 publications and 11 patents granted/filed. He has graduated 10 Ph. D and several Master thesis/semester projects. Currently 10 students are working for the Ph. D. The Gnanaprakasam group’s research focuses sustainable/green synthetic methods for natural products/API/Drugs, Rearrangement reactions, Continuous flow process for bioactive molecules and hazardous chemistry and Process for Fluorination chemistry.