



**Dr. P. Jaisankar, IICB, Kolkata**

**Title: Fiaud's Acid: A Brønsted Acid Catalyst for Enantioselective Friedel-Crafts Alkylation of Indoles with 2-Alkene-1,4-diones**

Eminent scientist Dr. Parasuraman Jaisankar obtained his B.Sc. in Chemistry from A. A. Govt. Arts College, Cheyyar, Tamil Nadu, M.Sc. in Chemistry (first class) from Presidency College of Madras University and Ph.D. in Synthetic Organic Chemistry from Jadavpur University (1995). He pursued his post-doctoral research on Anti-sense oligonucleotides in association with Prof. Seliger of Ulm University, Germany and has achieved a rare accomplishment of having worked with the Nobel Laureate Prof. Ryoji Noyori of Japan in the field asymmetric catalysis. During the last 27 years at the CSIR-Indian Institute of Chemical Biology, Kolkata, he has been active in research areas of Chemical Biology and Medicinal Chemistry to understand the cellular function of various diseases and trying to understand their molecular targets by using new chemical tools and techniques and in the field of asymmetric catalysis and one of his research works in the field of catalysis has been published in leading ACS journal *Organic Letters* in 2017. By distinction, his work has been recognized both nationally and internationally as evidenced by his publications of more than 92 in high impact journals with more than 750 citations in the Science Citation Index and filed 6 international patents. He received several awards including the prestigious one "German Academic Exchange Service (DAAD) Fellowship and Raman Research Fellowship. Dr. Jaisankar has also been an active contributor in establishing the "CHEMICAL BIOLOGY SOCIETY (CBS)-India and he is the founder & Joint Secretary. Dr. Jaisankar has supervised

- ✚ **Ph.D. = 22 & M.Tech, M. Phil., M. Pharm and B.Tech = 14; Research Associate= 5**
- ✚ **Currently Guiding 7 Research Scholars for their Ph.D. degree**
- ✚ **SERB-National PDF = 1**

Not only has he been involved in research activities but he has also given his immense effort for teaching the students of NIPER, Kolkata about chirality and drug action, asymmetric synthesis and separation of chiral molecules and mass spectrometry. Dr. Jaisankar serves as several editorial and scientific advisory boards members (e.g. American Journal of Cancer Biology (AJCB), American Journal of Cancer Therapy and Pharmacology (AJCTP)etc.), recipient of Bharat Seva Ratan GOLD MEDAL awarded by Global Economic Progress & Research Association, New Delhi etc.) and Dr. B. Mukherjee Memorial Oration Award by PCI. He is an eminent speaker at major national and international conferences.