



Professor Abu Taleb Khan, IIT Guwahati

Title: Exploration of Amines for the synthesis of Nitrogenous Heterocycles

Professor Abu Taleb Khan obtained his Postgraduate degree in Chemistry (1985) as well as Ph.D. degree (1990) from the University of Kalyani, West Bengal. He completed his doctoral thesis work in Synthetic Organic Chemistry under supervision of Professor Krishna Chandra Majumdar.

He joined for his first postdoctoral research work with Prof. Goverdhan Mehta in School of Chemistry, University of Hyderabad on November 1989, and worked on total synthesis of natural products till June 1992. He was awarded the prestigious Alexander von Humboldt Fellowship in the March of 1992 to pursue his second postdoctoral research work with Prof. Richard R. Schmidt at the University of Konstanz, Germany. He worked mainly in carbohydrate chemistry. Subsequently he joined as Scientist Fellow in the Natural Product Chemistry Division at Regional Research Laboratory Jorhat (CSIR Laboratory), presently known as NEIST-Jorhat and served for a year.

Prof. Khan started his independent academic career as an Assistant Professor at Indian Institute of Technology Guwahati on the 23rd of December 1996 and currently serving as HAG Professor since April 2010. He has supervised twenty-five Ph.D. students as well as two B.Tech. and twenty-one M.Sc. students to complete their project works. He has published so far 130 research papers in various International Journals. His research interest includes the diversity-oriented synthesis of biologically important molecules, synthesis of heterocycles and carbohydrate chemistry, reaction mechanism, total synthesis of natural products, and newer synthetic methodologies.

He is an ace administrator serving as Chairman JEE (2004 & 2005), HoD of Department of Chemistry (April 2006-March 2009) and as Professor In-charge Faculty Affairs & Dean of Faculty Affairs at Indian Institute of Technology Patna for a period of three and half years (July 2009-December 2012). He also served as the Vice-Chancellor of Aliah University in Kolkata for four years (October 2013-September 2017). He is compassionate in his teaching and research as well as administration.