



**Prof. Debasish Bandyopadhyay, University of Texas, USA**

**Title: Nexus of Extraction, Chemical Modification, and Synthesis: Natural Products in Drug Development**

Debasish Bandyopadhyay received his Ph.D. in 2004 from the University of Calcutta under the supervision of Prof. Avijit Banerji. Since submission of his PhD thesis in December (2002), Bandyopadhyay pursued his first postdoctoral research at the Centre of Advanced Studies on Natural Products including Organic Synthesis (University of Calcutta) under the joint supervision of Prof. (Mrs.) Asima Chatterjee and Prof. (Mrs.) Julie Banerji. In 2007, he joined as a postdoctoral fellow with Prof. Bimal K. Banik at the University of Texas. In 2011, he appointed as Assistant Professor of Research in the same University. His research foci include, but are not limited to, development of greener methodologies aiming to the synthesis of novel pharmacophores; design, *in silico* validation and synthesis of anticancer compounds; extraction, purification, structure elucidation and chemical modification of plant natural products targeted to pharmacologically active molecules. He has authored more than 150 international presentations/book chapters/journal articles. He is Associate Editor of 2 internationally reputed journals, Editorial Board Member of 8, and reviewer of 16 international journals.