



**Prof. Masilamani Jeganmohan, IIT Madras**

**Ruthenium(II)-Catalyzed Redox-Neutral C-H Bond Functionalization of Aromatics and Heteroaromatics**

**Masilmani Jeganmohan** was received his master's degree in organic chemistry from the University of Madras in 2001. He earned his PhD from the National Tsing Hua University, Taiwan, under the guidance of Prof. Chien-Hong Cheng in 2005 and pursued postdoctoral work in the same laboratory (2005–2009). Then, he moved to the Ludwig-Maximilians-Universitat, Munich, Germany, for a postdoctoral study with Prof. Paul Knochel supported by Alexander von Humboldt foundation (2009 to 2010). He started his independent research carrier in November 2010 at IISER Pune as an assistant professor. In April 2016, he was promoted to associate professor at IISER Pune. At present, he is working as an associate professor at Indian Institute of Technology Madras (October 2016–till now). He is the recipient of DAE Young Scientist Research Award (2011), Science Academy Medal for a young associate, Indian Academy of Sciences (2012–2015), Science Academy Medal for Young Scientists, Indian National Science Academy (2013), Alkyl Amines – ICT Young Scientist Award by Institute of Chemical Technology Mumbai (2013) and ISCB Award of Appreciation for Chemical Science, CSIR-CDRI (2014), India. His research interest includes the development of new synthetic methods using metal complexes as catalysts, asymmetric synthesis and natural product synthesis.