



Indo-French Seminar on Catalysis for Sustainability

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Dr. Sudipta Roy obtained her Ph.D. in Organic Chemistry as a DAAD Scholar from the Institute of Organic Chemistry at University of Regensburg, Germany in 2012, working on *Development of Novel Methodologies for the Syntheses of Biologically Relevant Nitrogen-Heterocycles* in the group of Prof. Dr. Oliver Reiser. In February 2013, she moved to the Institute of Organic and Biomolecular Chemistry at Georg-August-Universität Göttingen, Germany as a Postdoctoral Fellow, where she worked with Prof. Dr. Lutz Ackermann on *C-H, and C-N bond Activation using Cyclic Alkyl(Amino) Carbene (cAAC)-Stabilized Low Valence Transition Metal Complexes*. In 2014, she moved to the Institute of Inorganic Chemistry at Georg-August-Universität Göttingen, Germany as the Postdoctoral Fellow to work with Prof. Dr. Herbert W. Roesky, where she explored the *Fascinating Chemistry of Low Valence, Low Coordinate Group 14/15 Elements*. Currently, she is an Assistant Professor at Indian Institute of Science Education Research (IISER) Tirupati. Her Research Group focuses on *Carbene-Phosphinidenide-Stabilized Main Group Materials and Organic Homogeneous Catalysis*.