



APA-Prize for Young Scientists 3 November 4 (Thu.), 2021 / 16:20-16:40 [Pre-recorded]



Dr. Ekambaram Balaraman

(IISER-Tirupati, India)

○ Biography

Dr. Ekambaram Balaraman obtained his M.Sc. in Chemistry from the University of Madras, India and his Ph.D. degree in Chemistry from the University of Hyderabad, India in 2008. Subsequently, he has been an FGS-Post Doctoral Fellow at the Weizmann Institute of Science, Israel. In July 2013, he started his independent career at the CSIR-National Chemical Laboratory, India and in Dec'2018 he has moved to the IISER-Tirupati as a faculty in chemistry. Dr. Balaraman's research primarily focuses on generating resources for green energy and recycling atmospheric waste. Specifically, he works on the design and development of catalytic materials for hydrogen generation from feedstocks, sustainable chemical synthesis, and conversion of CO₂ to value-added products. He is also interested in the visible-light mediated photoredox catalytic strategies for circular catalysis.