

Ashoke De

IIT Kanpur, India

+91-512-2597863

ashoke@iitk.ac.in



Dr. Ashoke De is currently working as Associate Professor in the Department of Aerospace Engineering at Indian Institute of Technology Kanpur. He is the recipient of IET-Young Engineer's Award-2014, DST Young Scientist award-2015, and P K Kelkar Research Fellowship from IIT Kanpur. He is a member of ASME, SIAM, FMFP, ISHMT and Combustion Institute. Dr. De received his Masters' degree in Aerospace Engineering from IIT Kanpur in 2004, and PhD degree in Mechanical Engineering from Louisiana State University, USA in 2009. Before joining IIT Kanpur, he has worked as post-doctoral scholar at Technical University of Delft (TU-Delft), Netherlands and as Research Engineer in GE Global research at Bangalore. Dr. De leads large scale initiatives in the modeling of turbulent reacting and non-reacting flows at IIT Kanpur. So far, he has authored more than 90 peer reviewed articles in journals and conferences. His current research interests include combustion modeling, hybrid RANS/LES model development, supersonic flows and Fluid-Structure interactions (FSI). He is actively pursuing research projects from various organizations like ISRO, ARDB, DST and PWC. His primary research focus is the emerging field of computational mechanics with particular interest in combustion and turbulent flows.