

Detailed Bio-data

Dr. Ravindra Jilte is enlisted in Stanford University USA's world's top 2% of scientists Year 2022 and Year 2023. He received a Ph.D. from IIT Bombay (2014) and an M.Tech. from IIT Madras (2000), India. He has been in academics for the past 23+ years and has carried out collaborative research with several international universities. His broad area of research is applications of Computational Fluid Dynamics (CFD) in thermal systems and he has worked on CFD simulation on an innovative battery thermal management system for Electric vehicles. He has conducted CFD with nanofluid, and phase change materials for energy storage and cooling applications. He has conducted a CFD study on solar thermal applications like the characterization of heat losses from Compact Fresnel Linear Reflectors used in the solar thermal power plant; and paraboloid dish cavity receivers used in process heat applications. He has published 60+ research papers in highly referred international journals with a cumulative SCI impact factor of more than 200+. He is also a reviewer in several highly referred journals of Elsevier, Willey, MDPI, Springer, Nature, Taylor & Francis, Sage, etc.