

**Pradip Dutta**  
**Professor**  
**Department of Mechanical Engineering, IISc Bengaluru**



Prof. Dutta received his B.Tech from IIT Kharagpur in 1983, M. Tech from IIT Madras in 1987, and Ph.D. from Columbia University in 1992, all in Mechanical Engineering. He held faculty positions at Columbia University and at the Tennessee Tech. University, before joining the Indian Institute of Science (IISc) as a faculty member in 1996. Currently, he is a Professor of Mechanical Engineering at IISc.

Prof. Dutta's research group focuses on the development of advanced energy technologies related to solar energy, cooling of electronics, spacecraft thermal management, and on thermal technologies related to phase change.

Prof. Dutta has been elected Fellow of the ASME, ASTFE and Fellow of all the four National Academies of India in science and engineering. Among his several awards, he has received Distinguished Alumnus Awards both from IIT Kharagpur and IIT Madras, Outstanding Teacher Award from the Indian National Academy of Engineering, VASVIK Award for Industrial Research, IISc Alumni Award for Excellence in Engineering Research, and INAE Chair Professorship Award. He is a J.C. Bose National Fellow, awarded by the Department of Science and Technology. Currently, he is the President of the Indian Society for Heat and Mass Transfer (ISHMT). He has served as an Associate Editor of ASME Journal of Electronic Packaging, and is currently serving as Associate Editors of IEEE Transactions on Components and Packaging Technology, and of Thermal Science and Engineering Progress (Elsevier). At IISc, he has been a co-founder of the National Facility for Semisolid Forming, co-Director of the General-Motors-IISc Collaborative Research Lab, and co-Lead of the India-US Consortium called Solar Energy Research Institute for India and the United States (SERIUS).