

Pradip Dutta

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Pradip Dutta is currently Professor in the Centre for Energy Research and Associate Faculty in the Department of Mechanical Engineering at the Indian Institute of Science, Bangalore. Currently, Prof. Dutta's research group focuses on thermal energy storage, advanced cooling technologies, and on technologies related to phase change and adsorption.

Prof. Dutta received his Bachelor's degree from IIT Kharagpur, Masters from IIT Madras and Ph.D. from Columbia University, New York, all in Mechanical Engineering. He has been with IISc as a faculty member since 1996. At IISc, he has been Chair of the Department of Mechanical Engineering (2015-20). Among other roles, he has served as 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). Currently, he is the PI of National Centre for Clean Coal Technologies (NCCR&D) and co-Director of SHELL-IISc Programme on Net-Zero Technologies at IISc.

He has been elected Fellow of ASME, ASTFE and Fellow of all the four National Academies of India in Science and Engineering. He has received Distinguished Alumnus Awards from both IIT Kharagpur and IIT Madras, J. C. Bose National Fellowship, and Outstanding Teacher Award from the Indian National Academy of Engineering. He is a former President of the Indian Society of Heat and Mass Transfer (ISHMT). Currently, he is serving as Subject Editor of Applied Thermal Engineering (Elsevier), and as Associate Editors of IEEE Transactions on Components and Packaging Technology, and of Thermal Science and Engineering Progress (Elsevier). Earlier, he was Associate Editor of ASME Journal of Electronic Packaging.