

About the Author

Achintya Kumar Pramanick received his Bachelor of Mechanical Engineering degree in July 1993 from National Institute of Technology Durgapur, India, formerly known as Regional Engineering College Durgapur. He obtained his first Master of Mechanical Engineering degree with specialization in Heat Power from Jadavpur University, India in February 1996. He was a permanent faculty in Mechanical Engineering Department at North Eastern Regional Institute of Science and Technology, India from March 1996 to September 1997. He taught at the Department of Mechanical Engineering of Jalpaiguri Government College, India from September 1997 to July 1998 as a permanent faculty. He also served his Alma Mater, National Institute of Technology Durgapur as a permanent faculty from August 1998 to July 2000. He worked at Louisiana State University, Baton Rouge, USA as a teaching and research assistant while pursuing his second Master of Science degree in Mechanical Engineering with specialization in Thermofluid Science between August 2000 to August 2002. He was the recipient of Deutscher Akademischer Austausch Dienst (DAAD) fellowship from June 2005 to December 2006 from Germany to complete part of his doctoral studies at the Physics Department of Technical University of Chemnitz, Germany. He is also the recipient of a number of other national and international fellowships. He received his doctoral degree from Indian Institute of Technology Kharagpur, India in June 2007. His doctoral thesis was selected among the group of top five by the selection committee of Prigogine Prize 2009 towards the choice of best doctoral thesis in Thermodynamics. He taught at Indian School of Mines University Dhanbad, India from March to October 2007. He returned to National Institute of Technology Durgapur, India, again as a permanent faculty in October 2007, and professing till date at the level of Associate Professor in the Department of Mechanical Engineering. He was the panel topper of many faculty selection boards. He has established himself as a perfect pedagogue and fundamental researcher. His primary research interest lies in different areas of Thermodynamics. He conceived the idea of the law of motive force, which is a fundamental law of nature, in 1989 when he was an undergraduate student.