

Profile of Professor (Dr.) Goutam Sutradhar, Director NIT Jamshedpur



Prof. (Dr.) Goutam Sutradhar currently the Director at the National Institute of Technology, Jamshedpur, since 12th May 2023. Before this, he served as the Director of NIT Manipur for a full term of five years. He completed his Bachelor's degree in Mechanical Engineering from Jalpaiguri Government Engineering College, West Bengal in 1984. He subsequently earned his Master's degree in Mechanical Engineering with a specialization in Foundry Technology from IIT Kharagpur in 1986. He completed his Ph.D. in Engineering from Birla Institute of Technology (BIT) Mesra, Ranchi. After working for five years in Hindustan Motors Limited and Indian Railways, he joined as a faculty member at the National Institute of Foundry & Forge Technology, Ranchi, Jharkhand in 1991. He later served at Serampore Textile College, West Bengal and Kalyani Government Engineering College, West Bengal for about ten years before joining Jadavpur University, Kolkata, as a Professor in the Department of Mechanical Engineering in 2005. He has supervised more than 20 M.Tech thesis and 21 Ph.D. students in the field of Metal Matrix Composites, Polymer Matrix Composites, Development of Environment-friendly Materials, Synthesis of Forged Powder Metallurgy Components, and Metal Casting Processes. He has supervised many research projects sponsored by AICTE, New Delhi; CSIR, New Delhi; UGC, New Delhi; DST, New Delhi. He has authored two books, namely "Design and Manufacturing: An Integrated Approach" published by Oxford & IBH, and "Foundry Process Design" published by New Age Publishers, New Delhi. He has published over 125 technical papers in referred journals of national and international importance and presented more than 50 technical papers at national and international conferences.

Prof. Sutradhar is actively involved in the Foundry Cluster Development Program initiated by TIFAC, New Delhi, MSME, West Bengal, and the Government of India. He is a Fellow of The Institution of Engineers (India) and a member of many professional bodies. He is the Chairman of the Eastern Region of The Indian Institute of Foundrymen. He visited Japan Foundries in 2013 as an IIF Delegate, presented his paper at the 53rd International Foundry Congress in Slovenia in 2013, and visited the University of Wisconsin-Milwaukee, US, as an International Fellow in 2014. He has been awarded two Best Paper Awards by The Institution of Engineers (India) and one by The Institute of Indian Foundrymen. He was also awarded the SERC Visiting fellowship sponsored by DST, New Delhi, in 1996 and the EMINTE fellowship by Europe Union in 2014. Recently, he was awarded as dedicated Foundry Professor from IIF Eastern Region in 2017. He is one of the significant contributors to the Nationally Coordinated Project under the "Make in India" initiative in Manufacturing Technology, i.e., SMART FOUNDRY: 2020 [Sustainable Metal Casting Advance Research & Technology VISION 2020] sponsored by DST, New Delhi. He was also a member of the Board of Governors of IIIT Manipur, Manipur Technical University Manipur, and continuing at IISWBM, Kolkata as an AICTE nominee. Apart from his academic contributions, he has also made a significant contribution to the industry in the field of Foundry Technology. He has developed many components in Indian Railway, Earthmoving, Textile, and Automotive throughout the country. He has continuously supported new entrepreneurs interested in starting a business in Foundry and its allied fields.