**Dr. Harpreet Singh | Biography**

**Dr. Singh is** Professor at IIT Ropar. He earned a PhD in 2005 from Indian Institute of Technology Roorkee, India. His broad area is Manufacturing and specialized in Surface Engineering.

Dr. Singh joins IIT Ropar as an Assistant Professor of Mechanical Engineering back in 2009. Before joining IIT Ropar, he taught at Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib. He has received Young Scientist Award, Career Award for Young Teachers, and Maharashtra Award for Outstanding Research Work by Teachers of Engineering Colleges. To his credit, he has completed several CSIR, DST and AICTE sponsored projects. He has authored more than 60 papers in international and national journals and conference proceedings, and has attended conferences in USA, Canada, Netherlands, and South Korea.

**Research Areas:** Surface Engineering-Degradation of Materials, High Temperature Corrosion and its Prevention, Slurry Erosion of Hydraulic Turbines and its Control, Biomedical Coatings; Friction-Stir Processing/Welding; Sustainable Manufacturing Technology-Modulation Assisted Machining, Additive Manufacturing.