

B. V. Manoj Kumar

Dr B. Venkata Manoj Kumar is currently working as Associate Professor at Department of Metallurgical and Materials Engineering, Indian Institute of Technology (IIT), Roorkee. Dr Manoj obtained PhD degree from IIT Kanpur in November 2007. Subsequently, he worked as a post-doctoral researcher at Seoul National University from January 2008 to January 2009, Research Assistant Professor at the University of Seoul from February 2009 to February 2011, and Assistant Professor at IIT Roorkee from March 2011 to April 2016. With the primary theme of understanding microstructure-property relations, Dr. Kumar has been actively involved in processing advanced ceramic systems and studying the influence of microstructural characteristics on their material removal mechanisms when subjected to sliding, fretting, erosion or machining conditions. His research work is being supported by both government agencies and private industries in India. His research ideas are also supported by foreign funding agencies through bilateral projects. He has so far supervised 4 PhD theses. He is the co-inventor of the filed 2 Indian patents and published around 55 peer-reviewed research articles with 1200 citations and h-index of 20. He has co-authored a book and published 2 book chapters. He has delivered more than 40 lectures in conferences.