

Brief on Dr A.Senthil Kumar



Dr. Senthil Kumar is an Associate Professor at the Department of Mechanical Engineering at the National University of Singapore. His expertise is in manufacturing with focus on hybrid machining of micro/nano structures and fixture design. He has co-authored 2 books in the area of fixture design and has published over 160 technical papers in International Journals and conferences. He is a member of the editorial board of the Journal of Manufacturing Processes, USA, International Journal of Materials, Manufacturing and Optimization, Journal of the Nano Technology and Precision Engineering and has served as an associate editor of IEEE transactions of Automation Science and Engineering, USA. He is a recipient of several awards including the Outstanding Young Manufacturing Engineering Award from the Society of Manufacturing Engineering, USA and IES Prestigious Engineering Achievement Award from the Institute of Engineers, Singapore. He has 2 patents to his credit and has licensed the technology to start a spin-off company called Mikrotools Pte. Ltd., which specializes in the manufacturing of ultra-precision machine tools. He also serves in Mikrotools as a non executive director.