

## **Dr. Suvanjan Bhattacharyya**

Dr. Suvanjan Bhattacharyya is currently working as an Assistant Professor in the Department of Mechanical Engineering of BITS Pilani, Pilani Campus. Dr. Bhattacharyya completed his Post-Doctoral research at the Department of Mechanical and Aeronautical Engineering, University of Pretoria, South Africa.

His research interest is computational fluid dynamics in fluid flow and heat transfer, specializing in laminar, turbulent, steady, unsteady separated flows and convective heat transfer, experimental heat transfer enhancement, solar energy and renewable energy.

He is the author and co-author of 90 papers in high-ranked journals and prestigious conference proceedings. Dr. Suvanjan appears in the recent list of the World's top 2% of scientists published by faculty members of Stanford University. He has bagged best paper award in several International conferences as well. He is also in editorial boards of 11 Journals and is a reviewer of more than 60 prestigious Journals.

He is presently supervising 5 PhD students and has several research grants to his credit from DST, DRDO, ISHRAE etc. He has also implemented several international collaborative projects in recent times. His strong collaboration with Universities in South Africa has led to a Bilateral India-South Africa grant of DST, Govt. of India. Presently he is working in a project titled "Performance Improvement of Solar Thermal Systems using Magnetic Nanofluids" in collaboration with the Tshwane University of Technology, South Africa, supported by the DST, Gol.