Professor Sudip Dey


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Department of Mechanical Engineering
National Institute of Technology, Silchar (NIT Silchar), India

Biography:
Dr. Sudip Dey is working as Assistant Professor in Mechanical Engineering Department of National Institute of Technology Silchar, India. Previously, He was a Post-doctoral Researcher at Leibniz-Institut für Polymerforschung Dresden e. V., Germany, worked with Prof. Gert Heinrich (TU Dresden, Germany). Prior to that he was a Post-doctoral Researcher at College of Engineering, Swansea University, United Kingdom, worked with Prof. Sondipon Adhikari. He obtained Bachelor in Mechanical Engineering Degree from Jadavpur University, India. He received Ph.D. (Engg.) degree from Jadavpur University, India. His field of specialization is Applied Mechanics and Design.
Dr. Sudip Dey has authored and co-authored multiple peer-reviewed scientific papers and presented works at many national and International conferences. Dr. Sudip Dey contributions have acclaimed recognition from honourable subject experts around the world. Dr. Sudip Dey is actively associated with different societies and academies. Dr. Sudip Dey academic career is decorated with several reputed awards and funding. Dr. Sudip Dey research interests include Core research interests - Design and Applied Mechanics in the domain of computational and structural analysis in the fields of Composites and functionally graded or meta-materials. Other areas of research interests include Stochastic Analysis, Bio-inspired Materials, Failure Analysis, Nano-composites, Multi-scale Analysis, Design Optimization and Reliability Analysis.

Research Interests:
Design and Applied Mechanics in the domain of computational and structural analysis in the fields of Composites and functionally graded or meta-materials. Other areas of research interests include Stochastic Analysis, Bio-inspired Materials, Failure Analysis, Nano-composites, Multi-scale Analysis, Design Optimization and Reliability Analysis arch Interests:

Selected Publications:
Sudip Dey and Amit Karmakar (Mechanical Engineering Department, Jadavpur University, Kolkata 700 032, India), “Free vibration analyses of multiple delaminated angle-ply composite conical shells – A finite element approach”, Composite Structures, Vol. 94, No. 7, pp 2188-2196, June 2012


