



Hussain Rizvi

Lecturer

Biographical Sketch:

Dr. Rizvi is presently Lecturer in the Department of Mechanical Engineering at UT Tyler (Houston Engineering Center). He received his B.E. in biomedical engineering from NED University of Engineering & Technology and his M.S. and Ph.D. in mechanical engineering from University of North Texas (UNT). His interest includes the areas of Materials, Manufacturing, and Mechanics. He has 8 peer-review publications in the area of polymer composites and functional fibers. Prior to joining UT Tyler in January 2019, he served as an Adjunct Faculty at UNT and as a Lecturer in the University of Central Oklahoma where he taught courses in Mechanics, Material Sciences and System Control.

Research Interest:

Dr. Rizvi's research interests include the area of sustainable bio-products and bioinspired design for multifunctional applications. His recent projects include synthesis of corrosion resistant polymer coating reinforced with nano-plates stacked to decrease the permeation rate and improve durability. Development of carbon fibers from renewable and environmentally friendly sources. He is currently working on a hierarchical fiber design for smart textiles applications.

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