



Research Interests

- Design and advanced manufacturing.
- Polymer-based nanocomposites
- Renewable energy Environmental systems
- Biomaterials

Md Nizam Uddin, Ph.D.

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Assistant Professor of Mechanical Engineering; Fall 2021–Present
Texas A&M University-Texarkana

Recently Taught Courses

- MEEN 368: Solid Mechanics in Mech Design
 - MEEN 360: Manufacturing and Materials Selection in Design
 - MEEN 361: Manufacturing and Materials in Design Lab
 - MEEN 363: Dynamics and Vibrations
 - MEEN 343: Mechanics of Materials
 - MEEN 357: Engr Analysis Mech Engineers
 - MEEN 305: Materials Science and Engineering
 - MEEN 305L: Materials Science and Engineering Lab
 - MEEN 490: Senior Design I
 - MEEN 491: Senior Design II
 - ENGR 1201: Introduction to Engineering
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Education

Wichita State University, Wichita, KS
Ph.D. in Mechanical Engineering, 2020

Hong Kong University of Science and Technology, Hong Kong
MPhil in Mechanical Engineering (nanotechnology concentration), 2013

Khulna University of Engineering & Technology, Khulna, Bangladesh
BSc. in Mechanical Engineering, 2007

Academic Experience

Texas A & M University-Texarkana; Texas

Assistant Professor of Mechanical Engineering, Fall 2021- Present

Georgia Southern University, Statesboro, Georgia

Visiting Instructor of Mechanical Engineering, Fall 2020-Spring 2021

Wichita State University, Wichita, KS

Instructor, Summer 2018 & 2017

Hong Kong University of Science and Technology, Hong Kong

Instructor of Mechanical engineering, 2011-2013

Khulna University of Engineering & Technology, Khulna, Bangladesh

Assistant Professor of Mechanical Engineering, 2010-2016

Khulna University of Engineering & Technology, Khulna, Bangladesh

Lecturer of Mechanical Engineering, 2007-2010

Significant Professional Publications

Journal Articles

1. Paranjpe, N., Uddin, M.N., Rahman, S., AKM., and Asmatulu, R. Effects of Surface Treatment on Adhesive Performance of Composite-to-Composite and Composite-to-Metal Joints, Processes, 12(12), 2623, 2024

Book

1. Khan, W. S., Asmatulu, E., Uddin, M. N., and Asmatulu, R. Recycling and Reusing of Engineering Materials, Recycling for Sustainable Developments, Elsevier, Paperback ISBN: 9780128224618, eBook ISBN: 9780128224625, 2022.