



Department of Mechanical Engineering
Khulna University of Engineering & Technology
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Dr. Mohammad Mashud
Professor

Research Area Aerodynamics

Biography

I am a distinguished aerospace and mechanical engineering professional. With an impressive career, I have been a professor in the Department of Mechanical Engineering at Khulna University of Engineering & Technology (KUET) for over 25 years, showcasing exceptional expertise and dedication. I also served as a research fellow at the NASA-Supported Aerospace Center, UTEP, USA. During my tenure at KUET, I excelled in teaching undergraduate and graduate courses; I conducted courses at the USA university as well, conducting courses independently with a strong commitment to academic excellence. I supervised over 110 students in their research projects, fostering research and academic growth in mechanical engineering. Passionate about research, I have been involved in multiple research projects and gained extensive knowledge in Aerodynamics, Fluid Mechanics (especially flow separation control), Renewable energy & energy harvesting, and Heat transfer, which I share through teaching and research. My proficiency in developing mathematical models and solving real-world challenges using simulation platforms makes me valuable in consultancy and testing services. As an accomplished researcher, I authored five books/chapters and published 143 numbers peer-reviewed articles in renowned journals & proceedings, earning six nationally and internationally competitive research grants. My contributions extend to serving as Editor-in-Chief of a Peer-reviewed International Journal and actively participating as a reviewer for top-quality journals. Beyond academia, I displayed leadership qualities as Chairman and Secretary of CRTS at KUET, collaborating with industrial partners. Demonstrating administrative prowess as the Chairman of the Department and Provost in the student residence of KUET. Driven by an unwavering dedication to advancing Mechanical and Aerospace Engineering, I continue to inspire and shape the future of the engineering community through my vast knowledge and research prowess.

Education

Doctor of Engineering

Nagoya University, Japan (2006)

Master of Engineering

Nagoya University, Japan (2003)

B. Sc. in Mechanical Engineering

Khulna University of Engineering & Technology, Bangladesh (1998) Group: Mechanical Engineering,

Service Records

- **Lecturer**
Department/Section: Mechanical Engineering
Khulna University of Engineering & Technology From 1999-05-09 15:30:40 to 2003-06-14 15:30:40
- **Assistant Professor**
Department/Section: Mechanical Engineering
Khulna University of Engineering & Technology From 2003-06-15 15:31:50 to 2009-07-11 15:31:50
- **Associate Professor**
Department/Section: Mechanical Engineering
Khulna University of Engineering & Technology From 2009-07-12 15:25:06 to 2011-07-27 15:25:06
- **Professor**
Department/Section: Mechanical Engineering
Khulna University of Engineering & Technology From 2011-07-28 15:22:20 to 1970-01-01 06:00:00

Research Interest

Aerodynamics

Fluid Mechanics; specially Flow Separation Control - Aerodynamics

Inflatable Wings

Unmanned Aerial Vehicles

Renewable Energy

Energy Conver

Publication

Books

1Rahman,M. M. ,Mashud,M. and Rahman,M. M. (June 2023) , " Advanced Technology in Textiles: Fibre to Apparel", **Advanced Technology in Textiles: Fibre to Apparel** , ISBN:978-981-99-2141-6, Springer Nature