



Department of Mechanical Engineering
Khulna University of Engineering & Technology
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Rubiat Mustak

Assistant Professor

Research Area Mechanical Engineering

Biography

Rubiat Mustak is currently working as an Assistant Professor at the Department of Mechanical Engineering at Khulna University of Engineering and Technology (KUET). After finishing his Bachelor's from Mechanical Engineering, KUET in June, 2014, he joined at the Department of Mechanical Engineering at Khulna University of Engineering & Technology (KUET) as a lecturer in April, 2015 and later he got promoted to Assistant Professor post on May, 2018. His research interest is Renewable energy, Flow separation control and Drag reduction".

Education

Bachelor of Science in Mechanical Engineering

Khulna University of Engineering & Technology (KUET), Bangladesh () Group: Mechanical Engineering, Merit Position: 1st,

Higher Secondary Certificate (H.S.C)

Shahid Syod Nazrul Islam Collage, Mymensingh, Bangladesh (2009) Group: Science, Merit Position: 241 (Dhaka board),

Secondary School Certificate (S.S.C)

Mymensingh Zilla School, Mymensingh, Bangladesh (2007) Group: Science,

Service Records

- **Assistant Professor**
Department/Section: Mechanical Engineering
Khulna University of Engineering & Technology (KUET) From 01-01-1970 to 01-01-1970
Working Area: Teaching
Responsibility: Course Teacher, Script Examiner, Paper Setter
- **Lecturer**
Department/Section: Mechanical Engineering
Khulna University of Engineering & Technology (KUET) From 01-01-1970 to 01-01-1970
Working Area: Teaching
Responsibility: Course Teacher, Script Examiner, Paper Setter
- **Member (Testing Officer)**
Department/Section: ME CRTS
ME CRTS From 01-01-1970 to 01-01-1970
Working Area: Consultancy, Testing, Research
Responsibility: Consultant, Testing officer, researcher

Research Interest

Mechanical Engineering

- # Manufacturing Process
- # Mechanical Design
- # Fuels and Combustion
- # I.C. Engines
- # Aerodynamics
- # Computational Fluid Dynamics (CFD)
- # Numerical Analysis
- # Composite Materials

Publication

Books

Journals

6. (2018) , " Modification of Airfoils Using Gurney Flaps:A Review," **International Journal of Research**, EduPedia Publications (P) Ltd, vol5, no.7, pp.245-249
5. Mustak,R. and Ahmed,T. (2018) , " Investigating the Effect of Blending Kerosene and Palm Oil with Diesel Fuel," **International Journal of Scientific & Engineering Research**, IJSER, vol9, no.2, pp.1271-1276
4. (2018) , " Effect of Blending Various Biodiesels with Diesel on Performance and Emissions of Diesel Engine: A Review," **World Scientific News (WSN)**, International Scientific Publishing House "DARWIN", West Pomerania, Poland, vol94, no.2, pp.287-297
3. Mustak,R. and Ahmed,T. (2017) , " A Review on Surface Modification of Airfoils Using Dimples," **International Journal of Research**, EduPedia Publications (P) Ltd, vol4, no.5, pp.842-846
1. Mustak,R. ,Khan,M. U. and Rahman,M. (2017) , " Investigation of Slipstreaming Effect between a Semi trailer-truck and a Sedan Car," **International Journal of Scientific & Engineering Research**, IJSER, vol8, no.2, pp.676-678

Conference