



Department of Mechanical Engineering
Khulna University of Engineering & Technology
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Dr. Dipayan Mondal
Professor

Research Area 1. Heat Transfer and Fluid Flow, 2. HVAC & Ref. System, 3. Thermal & Thermo-Fluids, 4. Transport and Thermodynamics Properties, and 5. Environmental Impacts of Energy and Materials.

Biography

Welcome to visit my webpage. Hi, This is Prof. Dr. Dipayan Mondal from Khulna University of Engineering & Technology (KUET), Khulna, Bangladesh. I am very pleased to introduce myself as a Faculty of Mechanical Engineering of KUET with the help of Almighty GOD. Currently, I am serving as a Professor in the Department of Mechanical Engineering at Khulna University of Engineering and Technology (KUET). I completed my PhD degree from Saga University, Japan. I completed both of my B.Sc. Eng. (ME) and M.Sc. Eng.(ME) degree in Mechanical Engineering from KUET. After completing my B.Sc. Eng. (ME), I had joined as a Maintenance Engineer at Silkways Card & Printing Ltd, Dhaka, Bangladesh. After that I had joined as a Lecturer at the department of Mechanical Engineering of Khulna University of Engineering & Technology (KUET), Khulna, Bangladesh. My main goal is to secure a growth oriented and challenging career in a first-paced and a well establish position in research by utilizing technical knowledge, practical experience, interpersonal skills and teaching experience in a vow to convert thinking into an innovative creation because successful completion of research work is the missionary step of create new things, to implement new idea and finally to get a successful outcome. My Research Interests mainly belong to:- (1) Heat Transfer and Fluid Flow, (2) HVAC & Ref. System, (3) Thermal & Thermo-Fluids, (4) Transport and Thermodynamics Properties, and (5) Environmental Impacts of Energy and Materials.

Education

Doctor of Philosophy (Ph.D.)

Saga University, Japan (October, 2018-September, 2021-) Achievement: MEXT Scholarship, JAPAN

Thesis Title: [Transport Properties Measurements of Next-Generation Refrigerants and Mixture](#)

Master of Science in Mechanical Engineering [M. Sc. Eng. (ME)]

Khulna University of Engineering & Technology (KUET), BANGLADESH (July, 2012-2014) Achievement: Technical Scholarship in Postgraduate level

Thesis Title: [Experimental Investigation on an Intermittent ammonia Absorption Refrigeration System](#)

Bachelor of Science in Mechanical Engineering [B. Sc. Eng. (ME)]

Khulna University of Engineering & Technology (KUET), BANGLADESH (February, 2007-2011) Achievement: (1) Technical Scholarship in Undergraduate level, (2) Merit-based Scholarships awarded

Thesis Title- Design, Construction and Performance Test of a Bend Tube Water to Air Heat Exchanger; Supervisor- Professor Dr. Md. Nawser Ali Moral, Department of Mechanical Engineering, Khulna University of Engineering

Higher Secondary Certificate (H.S.C.)

Paikgacha College, BANGLADESH (2006) Group: Science, Student Type: Regular,

Secondary School Certificate (S.S.C.)

A. B. D. P. Lata M. M. High School, BANGLADESH (2004) Group: Science, Student Type: Regular,

Service Records

- **Professor**
Department/Section: Mechanical Engineering
Khulna University of Engineering & Technology (KUET) From 2023-08-01 00:00:00 to 1970-01-01 06:00:00
Working Area: Teaching and Research
- **Associate Professor**
Department/Section: Mechanical Engineering
Khulna University of Engineering & Technology (KUET) From 2022-05-08 00:00:00 to 2023-07-31 00:00:00
Working Area: Teaching and Research
- **Assistant Professor**
Department/Section: Mechanical Engineering
Khulna University of Engineering & Technology (KUET) From 2014-12-01 00:00:00 to 2022-05-07 00:00:00
Working Area: Teaching and Research
- **Lecturer**
Department/Section: Mechanical Engineering
Khulna University of Engineering & Technology (KUET) From 2012-06-10 00:00:00 to 2014-11-30 00:00:00
Working Area: Teaching and Research
- **Testing Officer and Consultant**
Department/Section: CRTS of the Department of Mechanical Engineering
Khulna University of Engineering & Technology (KUET) From 2012-06-10 00:00:00 to 1970-01-01 06:00:00
Working Area: As a Testing Officer and Consultant and
- **Maintenance Engineer**
Department/Section: Engineering Section
Silkways Card & Printing Ltd. From 2011-01-01 00:00:00 to 2012-06-05 00:00:00
Working Area: Maintenance Machine and Utilities

Research Interest

1. Heat Transfer and Fluid Flow, 2. HVAC & Ref. System, 3. Thermal & Thermo-Fluids, 4. Transport and Thermodynamics Properties, and 5. Environmental Impacts of Energy and Materials.

Thermal Engineering and HVAC & Ref. System