Department of Mechanical Engineering
Khulna University of Engineering & Technology
Khulna - 9203,Tel:041-769471 (191);Fax :041-774403

Dr. Dipayan Mondal
Professor
Research Area1. 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 Engineerin
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 01-08-2023 to 01-01-1970*
  Working Area:Teaching and Research
- **Associate Professor**
  Department/Section: Mechanical Engineering
  Khulna University of Engineering & Technology (KUET) *From 08-05-2022 to 31-07-2023*
  Working Area:Teaching and Research
- **Assistant Professor**
  Department/Section: Mechanical Engineering
  Khulna University of Engineering & Technology (KUET) *From 01-12-2014 to 07-05-2022*
  Working Area:Teaching and Research
- **Lecturer**
  Department/Section: Mechanical Engineering
  Khulna University of Engineering & Technology (KUET) *From 10-06-2012 to 30-11-2014*
  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 10-06-2012 to 01-01-1970*
  Working Area:As a Testing Officer and Consultant and
- **Maintenance Engineer**
  Department/Section: Engineering Section
  Silkways Card & Printing Ltd. *From 01-01-2011 to 05-06-2012*
  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

Publication

Books

Journals

Conference