

## **POBITRA KUMAR HALDER**

Email: [pobitra.halder@gmail.com](mailto:pobitra.halder@gmail.com)

[pk.halder@just.edu.bd](mailto:pk.halder@just.edu.bd)

Contact No. +88-01913597592

### **Corresponding Address**

Pobitra Kumar Halder

Assistant Professor, Department of Industrial and Production Engineering

Jessore University of Science and Technology

Jessore-7408, Bangladesh

### **Summary**

Currently, I am working as an assistant professor in the department of Industrial and Production Engineering (IPE) at Jessore University of Science and Technology (JUST), Bangladesh. After completing my graduation in Mechanical Engineering from Rajshahi University of Engineering and Technology (RUET), I joined as lecturer in September, 2012 in the same department. I have also some experience of working as head of the department.

### **Academic Credentials**

#### **Rajshahi University of Engineering and Technology, Bangladesh**

Bachelor of Science in Mechanical Engineering

Result: 3.82 (equivalent to 84.88%) in a scale of 4.00

Position: 1st class first

Passing Year: 2011

#### **Ullapara Science College, Sirajganj**

Higher Secondary School Certificate

Result: 5.00 in a scale of 5.00

Passing Year: 2006

#### **Dadpur Sahebganj Bl. Lateral High School, Sirajganj**

Secondary School Certificate

Result: 5.00 in a scale of 5.00

Passing Year: 2004

## Research Interest

My research interests include Energy management, Waste management, Human factor engineering, Multi-criteria decision making, Engine emission, Biofuel.

## List of publication(s)

Number of Peer Reviewed National/International Journal Articles: 15

Number of Peer Reviewed National/International Conference Articles: 06

### Links:

[https://www.researchgate.net/profile/Pobitra\\_Kumar\\_Halder](https://www.researchgate.net/profile/Pobitra_Kumar_Halder)

<https://scholar.google.com/citations?user=Elheu1IAAAAJ&hl=en>

<http://publicationslist.org/pobitra.kumar2>

## Awards/Scholarships

- University gold medal for outstanding performance (Department first) in undergraduate level of study in Mechanical department.
- Prime minister gold medal for outstanding result (Faculty first) during undergraduate level of study in Mechanical faculty (Nominated).
- Technical scholarship for outstanding result during undergraduate level of study.
- Sirajganj zilla parishad scholarship for outstanding result in HSC level.
- Sirajganj zilla parishad scholarship for outstanding result in SSC level.
- Board Scholarship for outstanding result in SSC level.
- Junior scholarship in class eight.

## Attended workshop and seminars

- A seminar on prospects of energy in Bangladesh.
- A seminar on scope of mechanical engineering.
- A seminar on production of alternative liquid fuel from solid waste (Tire) and saving the environment.
- Workshop on Programmable Logic Controller (PLC).

## Professional Training

- ◆ Industrial attachment training in Bangladesh Industrial Technical Assistance Centre (BITAC), Bangladesh.
- ◆ Training on “Teaching method, learning assessment & curriculum development” organized by Jessore University of Science and Technology (JUST), Bangladesh.
- ◆ Training on “Embedded system and development” organized by IICT, BUET, Dhaka, Bangladesh.

## Professional Membership/ Achievement

- ◆ Member (34419), Institution of Engineers, Bangladesh (IEB)
- ◆ Reviewer, International Journal of Renewable Energy Research (IJRER), Turkey

## Work Experiences and Responsibilities

Name of Institution	Years of Service		Position held and brief description
	From	To	
Jessore University of Science and Technology	02.09.2012	01.09.2014	Lecturer
Jessore University of Science and Technology	02.09.2014	Till now	Assistant Professor
Jessore University of Science and Technology	18.11.2013	20.06.2014	Chairman, Department of Physics
Jessore University of Science and Technology	20.04.2014	30.06.2015	Chairman, Department of Industrial and Production Engineering

### Undergraduate Teaching Courses:

- ✓ Engineering Mechanics (Theory and Sessional)
- ✓ Fluid Mechanics and Machinery (Theory and Sessional)
- ✓ Thermodynamics and Heat Transfer (Theory and Sessional)
- ✓ Mechanics of Solids (Theory and Sessional)
- ✓ Basic Mechanical Engineering (Theory and Sessional)
- ✓ Numerical Analysis (Theory)
- ✓ Engineering Materials I & II (Theory and Sessional)
- ✓ Workshop Practice I & II
- ✓ Engineering Drawing
- ✓ Manufacturing Process I & II (Sessional)
- ✓ Machine Tools (Sessional)

### Undergraduate Thesis Supervision:

- Ergonomic design of truck driver's seat in Bangladesh (2014)-Tamanna Mahmud and Shams-E-Ara Noor
- The implementation of different forecasting techniques for demand forecasting in jute product section in Bangladesh (2014)-Md. Tariqul Islam and Shariful Islam
- A privileged survey for assessment of energy demand and consumption pattern in rural area in Bangladesh (2014)- Goutom Sorkar and Md. Mamun Hossain