



Department of Industrial Engineering and Management
Khulna University of Engineering & Technology
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Dr. Mst. Nazma Sultana
Associate Professor
Research AreaManufacturing

Biography

I am Dr.Mst. Nazma Sultana, currently working as an Associate Professor in the department of Industrial Engineering and Management at Khulna University of Engineering and Technology. I graduated from Khulna University of Engineering and Technology with a Bachelor of Science degree in Industrial and Production Engineering (IPE) in 2012 and a Master of Science degree in Industrial and Engineering Management (IEM) in 2017. I have twenty-six publications in the technological field. Manufacturing, 3D printing, sustainability, optimization of manufacturing processes, and productivity enhancement are some of my interested research areas. During the year 2023, I was awarded a Doctor of Philosophy degree in IPE.

Education

BUET, Bangladesh(2018-2023)Achievement:Best Paper Award

Thesis Title: [Effect of high-pressure coolant on milling Ti-6Al-4V alloy with external rotary liquid applicator](#)

M.Sc in Industrial Engineering and Management

KUET, Bangladesh(2013-2017)

Thesis Title: [Optimization of Sand Casting Parameters for Reducing Casting Defects Using Taguchi Method and Casting Simulation Technique](#)

Bachelor of Science in Industrial & Production Engineering

Khulna University of Engineering & Technology, Bangladesh(2012)Group: IEM, Merit Position: First, Achievement: Gold Medalist

HSC

Cantonment Public School & College, Khulna, Bangladesh(2007)Group: Science, Merit Position: 19, Achievement: Got Talent pool Scholarship for merit position 19 in Jessore Board

SSC

Atra Sreenath High School, Bangladesh(2005)Group: Science,

Service Records

- **Associate Professor**
Department/Section: Industrial Engineering and Management
KUET From 03-12-2023 to 01-01-1970
- **Assistant Professor**
Department/Section: Industrial Engineering and Management
KUET From 29-11-2015 to 02-12-2023
Responsibility: Teaching and Research
- **Lecturer**
Department/Section: IEM
Khulna University of Engineering & Technology From 13-09-2012 to 28-11-2015
Working Area: Teaching & Research

Research Interest

Manufacturing

Simulation
Optimization

Publication

Books

Journals

Conference

- 4.
- 3.
- 2.
- 1.