



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 2023-12-03 00:00:00 to 1970-01-01 06:00:00
- **Assistant Professor**
Department/Section: Industrial Engineering and Management
KUET From 2015-11-29 00:00:00 to 2023-12-02 00:00:00
Responsibility: Teaching and Research
- **Lecturer**
Department/Section: IEM
Khulna University of Engineering & Technology From 2012-09-13 00:00:00 to 2015-11-28 00:00:00
Working Area: Teaching & Research

Research Interest

Manufacturing

Simulation
Optimization