NITER



Mahbuba Zannat

Industrial and Production Engineering

Bio

I am Mahbuba Zannat, currently working as Lecturer in the Department of Industrial and Production Engineering (IPE), National Institute of Textile Engineering and Research (NITER). I have completed my graduation from Department of Industrial Engineering and Management (IEM), Khulna University of Engineering & Technology (KUET). Teaching is my goal and my passion. My career goal is to gain and spread new knowledge in the field of IPE. This website contains my academic and professional information where you can find my research work, supervision, publication and other activities. Thank you for visiting my website.

Education

Degree Name	Group/Major Subject	Board/Institute	Country	Passing Year
B.Sc.	Industrial and Production Engineering	Khulna University of Engineering & Technology	Bangladesh	2017

Experience

Job Title	Organization	Location	From Date	To Date
Lecturer	Bangladesh Army University of Science and Technology	Saidpur, Nilphamari, Bangladesh	January, 2020	February, 2022
Lecturer	European University of Bangladesh	Dhaka, Bangladesh	August, 2019	January, 2020

Research Activities

Research Interest

Subject	Description	Research Interest (Goal/ Target Indication)
Manufacturing Processes		
Composite Materials		

Project/Research Supervision

Level of Study	Title	Supervisor	Co-Supervisor(s)	Name of Student(s)	Area of Research	Current Completion
Undergraduate	A Study of Predictive Maintenance Strategy by Applying Pareto Chart And ABC Analysis	Mahbuba Zannat		Trijit Kumar Kundu Tanvir Adnan Ahmed Sajib Tamim Ahmed Abid Reza Simon		

Publications

Journal Article

SL. No-	Article Name	Link
1	An Experimental and Numerical Approach of Polymer Composites Based on Jute-Bamboo Natural Fiber	https://www.researchgate.net/publication/359897803_An_Experimental_and_Numerical_Approach_of_Polymer_Composites_Based_on_Jute-Bamboo_Natural_Fiber
2	Identification and Reduction of Waste in an Industry (Ventura Leatherware Mfy Bd Ltd.) Using VSM (Value Stream Mapping) – A Case Study	https://www.ajer.org/papers/Vol-10-issue-5/ZD1005224232.pdf
3	Manufacturing Lead Time Improvement by Reducing Changeover Time with The Application of SMED	https://www.ijser.org/researchpaper/Manufacturing-Lead-Time-Improvement-by-Reducing-Changeover-Time-with-The-Application-of-SMED.pdf
4	Jute-Glass Fiber Based Composite for Engineering Application	https://www.researchgate.net/publication/319242478_Jute-Glass_Fiber_Based_Composite_for_Engineering_Application

Award

Award Type	Title	Year	Country	Description
	Dean List Award	2014, 2015, 2016	Bangladesh	Awarded by Dean, Faculty of ME, KUET
	University Merit Scholarship	2013, 2014, 2015, 2016	Bangladesh	Academic Honor by KUET for achieving top 10% CGPA

Contact

Academic
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Institute – Faculty
Name of the Department: Industrial and Production Engineering (IPE)
Position: Lecturer