

NITER



Sayed Hasan Mahmud

Apparel Manufacturing

Bio

Sayed Hasan Mahmud is a Lecturer of Textile Engineering at the National Institute of Textile Engineering and Research (NITER) in Bangladesh since 2019. He worked as a factory merchandiser in Ha-Meem Group a leading RMG export industry in Bangladesh and also worked as a trainee merchandiser in Fashion Step Group. He got his M.Sc. in Textile Engineering from University of Dhaka at 2021 and B.Sc. in Textile Engineering from Mawlana Bhashani Science and Technology University (MBSTU) at 2016. His M.Sc. thesis was on the gamma irradiated composites. His current research looks at the fabrication of NFR composites. He also is doing research on apparel washing, industrial engineering, lean tools implementation and nano materials. He has training on Planning, administration & management from GTI, BAU. He has strong critical and analytical skills with reading, writing, and comprehension and has passion for connecting students to learning modalities that incite their interest in education.

Education

Degree Name	Group/Major Subject	Board/Institute	Country	Passing Year
M.Sc.	Textile Engineering	University of Dhaka	Bangladesh	2021
B.Sc. (Engineering)	Textile Engineering	Mawlana Bhashani Science and Technology University (MBSTU)	Bangladesh	2016

Experience

Job Title	Organization	Location	From Date	To Date
Asst. Prof.	NITER	Nayar, Savar, Dhaka	2023	Till now
Lecturer	National Institute of Textile Engineering and Research (NITER)	Nayarhat, Savar, Dhaka	2019	2023
Factory Merchandiser	Ha-Meem Group	Tejgaon I/A, Dhaka		
Trainee Merchandiser	Fashion Step Group	Tongi, Gazipur, Dhaka		
MTO	South East Textiles Pvt. Ltd.	Gorai, Mirzapur, Tangail		

Research Activities

Research Interest

Subject	Description	Research Interest (Goal/ Target Indicator)
Composite Materials	Bio-composites, Textile fiber-based composites	Fabrication of composite materials for industrial usage
Nano-Textiles and Nano-Fibers	Nano materials implementation	Developing nano materials based on textile fibers

Project/Research Supervision

Level of Study	Title	Supervisor	Co-Supervisor(s)	Name of Student(s)	Area of Research	Current Completion
B.Sc.	Implementation of JIT to increase productivity sewing section of garment industry	Sayed Hasan Mahmud	-	Mehedi Ahammed Md. Shakib Hossain Sajedul Kabir Emon Hajera Khanam Md. Amit Hasan Anik	Lean tool	Completed

Project/Research Work

Subject	Project Name	Source of Fund	From Date	To Date	Collaboration
Polymer Science	Composite Fabrication	-	2020	-	IRPT, AEC, Bangladesh

Membership

Collaboration & Membership Name	Type	Membership Year	Expire Year
TEAA, MBSTU	Life Member		

Publications

Journal Article

SL. No-	Article Name	Link
01	Recycling textile industry waste materials: fabrication, characterization, mechanical and thermal performance analysis of developed non-woven interlining	http://inpressco.com/category/ijaie/vol-10-no-4-dec-2022/
02	A novel approach to sustainable denim wash: study on effect of low water ratio bio-washing on denim fabric shade	http://inpressco.com/category/ijcet/vol-12-no-4-july-aug-2022/
03	Investigating the Influence of Yarn Density and Seam Construction on the Seam Performance of Woven Linen Fabric	https://www.austinpublishinggroup.com/textile-engineering/fulltext/arte-v7-id1067.php

Contact

Academic

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Institute – Faculty

Name of the Department: Textile Engineering

Position: Asst. Professor