

NITER



Prosenjit Sen

Textile Engineering

Bio

Prosenjit Sen, an esteemed lecturer in the Department of Textile Engineering of National Institute of textile Engineering and Research (NITER), holds a B. Sc degree in Textile Engineering (Specialized in Yarn Engineering) from Bangladesh University of Textiles. With a passion for inspiring the next generation of tech leaders, he actively collaborates with students on research projects and encourages a creative, problem-solving mindset. With a commitment to staying at the forefront of technological advancements, Mr. Sen is not only an educator but also a mentor guiding students toward excellence in the ever-evolving field of textiles. Prosenjit Sen's dedication to both research and education underscores his role as a key figure in shaping the next generation of thinkers in the field of Textile Engineering.

Education

Degree Name	Group/Major Subject	Board/Institute	Country	Passing Year
Bachelor of Science	Textile Engineering (Yarn Engineering)	Bangladesh University of Textiles (BUTEX)	Bangladesh	2022

Experience

Job Title	Organization	Location	From Date	To Date
Lecturer	National Institute of Textile Engineering and Research	Nayarhat, Savar, Dhaka	04 November, 2023	Present
Teaching Assistant (TA)	Bangladesh University of Textiles	Tejgaon, Dhaka-1208	20 August, 2023	02 November, 2023
Assistant Officer	Matin Spinning Mills PLC (A sister concern of DBL Group)	Sardaganj, Kashimpur, Gazipur	01 October, 2022	26 August, 2023

Research Activities

Research Interest

Subject	Description	Research Interest (Goal/ Target Indicator)
Sustainable Textiles	Uses of different textile waste to manufacture valuable product.	Circular Economy
Technical Textiles	Geotextiles, Medical Textiles, Agro Textiles, Textiles used in transport, automotive and aerospace.	Optimized to offer quality such as Strength, Durability and other functional properties.
Polymer and Composite	Natural textile fiber reinforced composite.	Increase strength, stiffness and reduce thermal expansion.

Project/Research Work

Subject	Project Name	Source of Fund	From Date	To Date	Collaboration
Project work	“Exploring the possibility of Hemp fiber to produce yarn in Ring Spinning.”	Personal	01 February, 2022	31 March, 2022	N/a

Award

Award Type	Title	Year	Country	Description
National	UGC Merit Scholarship	2022	Bangladesh	For obtaining the first place in the Faculty of Textile Engineering, I have been selected for the University Grants Commission (UGC) Merit Scholarship for 2022.
National	Board Scholarship	2008, 2011, 2016	Bangladesh	I have been awarded scholarship by Board of Intermediate and Secondary Education, Chittagong for outstanding result.
National	Science Olympiad	2016	Bangladesh	I have been selected for participate in National round of Science Olympiad held in Dhaka university.

Contact

Academic

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Institute – Faculty

Name of the Department: Textile Engineering

Position: Lecturer