



Department of Textile Engineering
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Md. Shohan Parvez
Assistant Professor
Research Area Textile Engineering

Biography

Md. Shohan Parvez is currently serving as an assistant professor in the Department of Textile Engineering at Khulna University of Engineering & Technology, Khulna, Bangladesh. He completed his masters from Universiti Malaysia Pahang Al-Sultan Abdullah, Malaysia. Previously, he completed his undergraduate in Textile Engineering from Mawlana Bhashani Science and Technology University, Tangail, Bangladesh, achieving a prestigious Deans Certificate. He worked in the industrial arena for more than 5 years in merchandising and production planning. While at UMPSA and KUET, Mr. Parvez worked on different research projects and gained the contemporary skills to become an independent researcher. He is currently pursuing his doctoral degree at UMPSA, collaborating with individual researchers from national and international experts, and forming a research team within his subject area. Mr. Parvez is passionate about quality academic education and research. His dedication and sense of responsibility towards his research work have produced 19 research outcomes in the WoS (8), Scopus (5) indexed, refereed (6) journals and proceedings, one book chapter, and one book. His research interests lie in material synthesis, characterization, and multifunctional wearable electronics applications.

Education

Master of Science (Research Mode)

Universiti Malaysia Pahang Al-Sultan Abdullah, Malaysia()

Thesis Title: [Electro-Thermal Performance of Polyaniline: Poly \(3,4-Ethylenedioxy Thiophene Polystyrene Sulphonate incorporated Hybrid Cotton fabric](#)

B.Sc. in Textile Engineering

Mawlana Bhashani Science and Technology University, () Achievement: Deans Award

Service Records

- **Assistant Professor**
Khulna University of Engineering & Technology From 17-12-2020 to 01-01-1970
- **Lecturer**
Khulna University of Engineering & Technology From 05-02-2017 to 16-12-2020
- **Lecturer (Part time)**
The Peoples University of Bangladesh From 10-12-2012 to 31-12-2016
- **Merchandiser**
Department/Section: Merchandising
Tex-Ebo International Pte Ltd. From 01-06-2013 to 04-02-2017
- **Assistant Production Planner**
M & J Group From 08-04-2012 to 31-12-2012

Research Interest

Textile Engineering

Clothing Manufacturing
Surface Modification Using Nano Materials
Conductive Textiles
Natural Fiber

Publication

Books

Journals

4. Parvez, M. S. , Rahman, M. M. , Samykano, M. and Ali, M. Y. (2024) , " Surface Morphology and Thermo-Electrical Energy Analysis of Polyaniline (PANI) Incorporated Cotton Fabric," **Energy Engineering**, Computers, Materials and Continua (Tech Science Press), vol121, DOI:<https://doi.org/10.32604/ee.2023.027472>
3. Paul, T. K. , Parvez*, M. S. and Ahmed, a. C. M. (2023) , " Recent Progress and Prospects of MXene/Cellulose-Based Composite Electrodes: A Sustainable Pathway towards Supercapacitor Application," **ChemElectroChem**, Wiley, DOI:<https://doi.org/10.1002/celec.202300435>
2. Hossain, I. , Parvez, M. S. , Mahmud, T. , Rahman, T. and Moniruzzaman, M. (2023) , " Investigation of antimicrobial and physical properties of polyester/cotton blended knitted fabric treated with AgNO₃ and aloe vera," **Cleaner Engineering and Technology**, Elsevier BV, vol16, DOI:<https://doi.org/10.1016/j.clet.2023.100676>
1. Parvez, M. S. , Rahman, M. M. , Samykano, M. and Ali, M. Y. (2023) , " Electrochemical characterization and joule heating performance of polyaniline incorporated cotton fabric," **Physics and Chemistry of the Earth, Parts A/B/C**, Elsevier BV, vol129, DOI:<https://doi.org/10.1016/j.pce.2022.103323>

Conference