

Salman Enayet Chowdhury

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EDUCATION

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| Master of Science , Consumer and Design Science, <i>Auburn University</i> | 2024-Ongoing |
| Bachelor of Science , Textile Engineering, Department of Apparel Engineering, <i>Bangladesh University of Textiles</i> | 2016- 2019 |

EMPLOYMENT HISTORY

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| Graduate Teaching Assistant , Consumer and Design Science, <i>Auburn University</i> <u>Course</u> : CADS 1600 (Textile Industrial Complex) | Aug, 24 - present |
| Lecturer , Textile Engineering, <i>Northern University Bangladesh</i> | Feb, 24 – Aug, 24 |
| Textile Engineering, <i>Primeasia University</i> | Jun, 22 – Feb, 24 |
| Textile, Fashion & Management, <i>Institute of Science Trade & Technology</i> | Dec, 21- May, 22 |
| Trainee Executive , <i>Esquire Knit Composite Ltd. (EKCL), Dhaka, Bangladesh.</i> <u>Brand</u> : C&A (Lingerie Dept.) <ul style="list-style-type: none">Assisted in certification processes for organic cotton compliance.Ensured product fit and quality in alignment with buyer standards.Managed sample development, production tracking, and vendor communication. | Mar, 21 – Oct, 21 |
| Intern , <i>Fakir Apparels Ltd., Dhaka, Bangladesh.</i> <ul style="list-style-type: none">Monitored the knitting floor and sewing line to maintain quality standards.Collaborated with cross-functional teams to improve garment fit. | Feb, 20 – Apr, 20 |

TECHNICAL SKILLS

- MS Excell
- Adobe Illustrator
- MS Office
- Python
- SPSS

PUBLICATIONS | [Google Scholar Profile](#)

- Syduzzaman, M., **Chowdhury, S. E.**, Pritha, N. M., Hassan, A., & Hossain, S. (2024). Natural fiber reinforced polymer composites for ballistic protection: Design, performance, and challenges. *Results in Materials*, (24). <https://doi.org/10.1016/j.rinma.2024.100639>.
- Alam, M. F. B., Hosen, M. I., Mridha, J. H., **Chowdhury, S. E.**, & Rahman, M. A. (2023). Assessing the barriers of integrating technological innovations in textiles sector: Implications towards sustainable production. *Green Technologies and Sustainability*, 1(3). <https://doi.org/10.1016/j.grets.2023.100039>
- Ferdous, A., Pritha, N. M., & **Chowdhury, S. E.** (2023). Antimicrobial finish on cotton fabric with food wastes. *1st International Conference on Textile Science and Engineering, Bangladesh University of Textiles.*
- Uddin, M., **Chowdhury, S. E.**, & Elahi, S. (2022). Developing a water treatment filter by integrating slow sand filtration technology with polypropylene nonwoven and activated carbon and testing its performance. *Water Conservation Science and Engineering*, 7(3), 351-361. <https://doi.org/10.1007/s41101-022-00146-z>

ACHIEVEMENTS & CERTIFICATIONS

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| 1st Runners Up , <i>Morrison Texbiz 2019</i> , Intra University Business Case Competition | 2019 |
| Training , <i>Practical Sustainable Chemicals & Environmental Management, GIZ</i> | 2019 |
| Runners Up , <i>Aux & Hue Texpress 2018</i> , Intra University Business Case Competition | 2018 |
| Winner , <i>ISCEA PTAK Prize 2018</i> , Global Supply Chain Case Competition | 2018 |