



CURRICULUM VITAE

Personal information																												
Name, surname	Md Reazuddin Repon																											
Date of birth	15.08.1988																											
Education																												
	<table><tr><th>Institution</th><th>Professional qualification, qualification degree, academic title</th><th>Year</th></tr><tr><td>Kaunas University of Technology</td><td>PhD in Materials Engineering</td><td>Jan 2023</td></tr><tr><td>Mawlana Bhashani Science and Technology University</td><td>M.Sc. (Engg.) in Textile Engineering</td><td>2016</td></tr><tr><td>Mawlana Bhashani Science and Technology University</td><td>B.Sc. (Engg.) in Textile Engineering</td><td>2012</td></tr><tr><td>Sherpur Government College</td><td>Higher Secondary Certificate</td><td>2006</td></tr><tr><td>Char sherpur Nur Mohammad Gono High School</td><td>Secondary School Certificate</td><td>2004</td></tr></table>	Institution	Professional qualification, qualification degree, academic title	Year	Kaunas University of Technology	PhD in Materials Engineering	Jan 2023	Mawlana Bhashani Science and Technology University	M.Sc. (Engg.) in Textile Engineering	2016	Mawlana Bhashani Science and Technology University	B.Sc. (Engg.) in Textile Engineering	2012	Sherpur Government College	Higher Secondary Certificate	2006	Char sherpur Nur Mohammad Gono High School	Secondary School Certificate	2004									
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Research publications																												
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	<p>2022</p> <p>Repon, M. R., & Mikučionienė, D. (2022). Influence of linear density of yarn on heat generation of composite knit fabric. In <i>Proceedings of the Advanced Materials and Technologies: 24th International Conference (AMT 2022)</i> (pp. 156–156). ISSN 2669-1930, Palanga, Lithuania. Retrieved from https://advancedmaterials.ktu.edu/</p> <p>Laureckienė, G., Repon, M. R., & Mikučionienė, D. (2022). Heat generation in electro-conductive textile composites. In <i>Proceedings of the 10th International Textile Clothing and Design Conference (ITCDC 2022)</i> (pp. 1–1). Dubrovni, Croatia. Retrieved from http://itcdc.ttf.unizg.hr/</p> <p>Laureckienė, G., Repon, M. R., & Mikučionienė, D. (2022). Electro-conductive weft-knitted structures for heat generation in compression supports. In <i>Proceedings of the 14th Joint International Conference (CLOTECH 2022)</i> (pp. 30–30). Gdynia, Poland. Retrieved from https://clotech.eu/conference/</p> <p>Repon, M. R., & Mikučionienė, D. (2022). Heating profile of electro-conductive weft-knitted composite fabrics during cyclic deformation. In <i>Proceedings of the 21st World Textile Conference (AUTEX2022)</i> (pp. 1–5). ISSN 978-83-66741-xx-x, Łódź, Poland. Retrieved from https://www.autex2022.com/</p>
	<p>2021</p> <p>Repon, M. R., & Mikučionienė, D. (2021). Heating durability of ag coated knitted fabric for orthopaedic compression supports. In <i>Proceedings of the 9th International Conference of Applied Research on Textile and Materials (CIRATM 2021)</i> (pp. 81–82). ISSN 2286-5659, Monastir, Tunisia. Retrieved from https://atctex.org/cirat/</p> <p>Repon, M. R., & Mikučionienė, D. (2021). Electro-conductive textiles for heat generation in compression supports during stretching. In <i>Proceedings of the 20th World Textile Conference (AUTEX2021)</i> (pp. 58–59). ISSN 9789895480869, Guimarães, Portugal. Retrieved from https://autex2021.org/</p> <p>Repon, M. R., & Mikučionienė, D. (2021). Effect of cyclic deformation on heating behaviour of electro-conductive compression fabrics. In <i>Proceedings of the International Conference on Textile and Apparel Innovation (ICTAI 2021)</i>, Vitebsk, Belarus. Retrieved from https://ictai.vstu.by/</p> <p>Repon, M. R., & Mikučionienė, D. (2021). The cyclic stress strain behaviour of electroconductive compression fabrics on heat generation. In <i>Proceedings of the Advanced Materials and Technologies: 23rd International Conference (AMT 2021)</i> (pp. 209–209). ISSN 2669-1930, Palanga, Lithuania. Retrieved from https://advancedmaterials.ktu.edu/</p>

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	<p>Quayum, M., & Repon, M. R. (2021). Improvement of flame retardancy and evaluation of physical properties of jute fabric using combined chemical. In Proceedings of the 64th International Conference for Students of Physics and Natural Sciences (Open readings 2021) (pp. 225–225). ISSN 9786090705902, Vilnius, Lithuania. Retrieved from http://www.openreadings.eu/</p>
	<p>Repon, M. R., & Mikučionienė, D. (2021). Ag/pa based electro-conductive heating fabrics in orthopedic compression support. In Proceedings of the 6th International Conference on Value Addition Innovation in Textiles (COVITEX 2021) (pp. 9–9). ISSN 9789697549078, Faisalabad, Pakistan. Retrieved from https://covitex.net/</p>
	<p>2020</p>
	<p>Repon, M. R., & Mikučionienė, D. (2020). Electro-conductive heating fabrics for orthopedic compression supports. In Proceedings of the 3rd European Industry and Research Exchange on Technical Textiles for Health, Medical and Sport Application (CONTEXT 2020), Frankfurt, Germany. Retrieved from https://www.context-cost.eu/</p>
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	<p>Repon, M. R., & Mikučionienė, D. (2020). Preparation and characterization of electro-conductive heating fabrics. In Proceedings of the Advanced Materials and Technologies: 22nd International Conference (AMT 2020) (pp. 168–168). ISSN 1822-7759, Palanga, Lithuania. Retrieved from https://advancedmaterials.ktu.edu/</p>
	<p>2019</p>
	<p>Repon, M. R., & Mikučionienė, D. (2019). Functional and advanced applications of electroconductive materials for smart textiles. In Proceedings of the Advanced Materials and Technologies: 21st International Conference (AMT 2019) (pp. 139–139). ISSN 1822-7759, Palanga, Lithuania. Retrieved from https://advancedmaterials.ktu.edu/</p>
	<p>Repon, M. R., & Mikučionienė, D. (2019b). Promising application areas of electro-conductive textiles. In Proceedings of the International Young Scientists Conference (Industrial Engineering 2019) (pp. 4–4). ISSN 2538-6727, Kaunas, Lithuania. Retrieved from https://jmk.ktu.edu/</p>
Project activity	
	<p>January, 2023-Present Title: Clean and innovative textiles strategy for circular economy CLEANTEX. Institute: Faculty of Mechanical Engineering and Design, Kaunas University of Technology, Lithuania.</p>
	<p>November, 2021- December 2022 Title: Development of textile airflow control system's prototype with combined protective properties (TORAS). Institute: Faculty of Mechanical Engineering and Design, Kaunas University of Technology, Lithuania.</p>
	<p>January, 2021- December 2022 Title: ERASMUS+ KA2 project "Textile digitalization based on digital education and innovative e-Tools (DigiTEX)". Institute: Faculty of Mechanical Engineering and Design, Kaunas University of Technology, Lithuania.</p>
	<p>April, 2020- December 2020 Title: Development of Smart Heated Orthopedic Supports (ORTOHEAD) Institute: Faculty of Mechanical Engineering and Design, Kaunas University of Technology, Lithuania.</p>
	<p>September, 2018-June 2020 Title: Development of wearable textiles for heat therapy. Institute: Faculty of Mechanical Engineering and Design, Kaunas University of Technology, Lithuania.</p>
	<p>January, 2018-August 2018 Title: Development Wearable Multi-Functional Electronic Textiles Using PEDOT:PSS. Institute: Khwaja Yunus Ali University, Bangladesh.</p>
	<p>May, 2017-June 2018 Title: Development of antimicrobial and UV protective textile materials using cynodon dactylon. Institute: Khwaja Yunus Ali University, Bangladesh.</p>

	<p>March, 2017-April 2018 Title: Development of biodegradable jute geo-textiles. Institute: Khwaja Yunus Ali University, Bangladesh.</p> <p>June, 2016-July 2017 Title: Preparation and characterization of natural fiber reinforced polymer composite. Institute: Khwaja Yunus Ali University, Bangladesh.</p> <p>March, 2014-April, 2016 Title: Development of a greener approach for cotton dyeing by Banana (<i>Musa Sapientum</i>) floral stem sap: An effective way for exploitation of banana plant bio-resources waste. Institute: Department of Textile Engineering, Mawlana Bhashani Science and Technology University, Bangladesh.</p> <p>March, 2010- July, 2011 Title: Surface modification of Cotton fiber by chitosan. Institute: Department of Textile Engineering, Mawlana Bhashani Science and Technology University, Bangladesh.</p>
Administrative responsibility	
01.2021-Present	Director , ZR Research Institute for Advanced Materials, Sherpur-2100, Bangladesh.
09.2016-09.2017	House Tutor , Jamuna Student Dormitory, Khwaja Yunus Ali University, Sirajganj, Bangladesh.
01.2015-05.2016	Academic Coordinator , Newcastle University College, Chattogram, Bangladesh.
11.2013-08.2014	Principal (Acting) , Akij Engineering Institute, Jashore, Bangladesh.
12.2012-09.2013	Teacher's Coordinator , Akij Engineering Institute, Jashore, Bangladesh.
Internships in science and study institutions	
02.2020-03.2020	Riga Technical University, Riga, Latvia. Advisor: Prof. Dr. Juris Blums and Prof. Dr. Ilze Baltina
11.2019-12.2019	Riga Technical University, Riga, Latvia. Advisor: Prof. Dr. Juris Blums and Prof. Dr. Ilze Baltina
Intensive Training Program	
10.2022-10.2022	Lecturer , Erasmus+ program of the European Union, Greece.
Awards and achievements	
2021	LMT Scholarship, Research Council of Lithuania, Lithuania.
2021	Most Active PhD Student Scholarship, Kaunas University of Technology, Kaunas, Lithuania.
2020	Most Active PhD Student Scholarship, Kaunas University of Technology, Kaunas, Lithuania.
2019	LMT Scholarship, Research Council of Lithuania, Lithuania.
2018	Lithuanian Government Scholarship, Lithuania.
Peer review activity	
2016-Present	Scientific Reports Journal of Natural Fibers Journal of Composites Science Polymers Colorants Materials Cellulose Sustainability Biomass Conversion and Biorefinery Coatings Environmental Science and Pollution Research Journal of Plastic Film and Sheeting Sensors Disability and Rehabilitation: Assistive Technology Journal of the Indian Chemical Society Tekstilec FIBRES and TEXTILES in Eastern Europe Journal of Textile Engineering and Fashion Technology Textile and Leather Review Vlákna a textil Heritage Science Journal of Chemistry ACS Applied Engineering Materials.
Professional membership	

	Association / Organisation				Dates	
	American Association of Textile Chemists and Colorists (AATCC) (0255789)				2021-present (Member)	
	Lithuanian Young Scientists Union (LJMS)				2021-present (Member)	
	KTU PhD Student Society (KTUDD)				2018-2023 (Member)	
	Mawlana Bhashani Science and Technology University Textile Engineering Alumni Association (MBSTUTEAA)				2018- present (Life member)	
	Mawlana Bhashani Science and Technology University Journalist Association (MBSTUJA)				2010- present (Life member)	
Languages						
	Mother tongue		Bangla			
	Language	Understanding		Speaking		Writing
		Listening	Reading	Spoken interaction	Spoken production	
	English	C1	C1	C1	C1	C1
	Lithuanian	A2	A2	A2	A2	A1
Additional information						
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