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<b>Faculty</b>		Engineering		
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<b>Qualification</b>				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2014	PhD	Technical University of Liberec Czech Rep.	Textile Engg.	
2010	MS/ Mphil	Technical University of Liberec Czech Rep.	Textile Engg.	
2003	Graduation	NCTE affiliated with UET Lahore	Textile Engg.	
<b>Publications in journals</b>				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	Polypyrrole nanoparticles prepared by planetary ball milling and its conductivity	Journal of Nanocomposites and Nanoceramics	International	2011
2	Ball milling of jute fibre wastes to prepare nanocellulose	World Journal of Engineering	International	2012
3	Barrier properties of poly lactic acid packaging films reinforced with jute micro/nano particles	Vlakna a Textil	International	2012
4	Comparison of wet milling action for fibour and solid materials	Vlakna a Textil	International	2012
5	Electrical and thermal properties of polypyrrole coated cotton fabric	Vlakna a Textil	International	2012
6	Polypyrrole coated cotton fabric: The thermal influence on conductivity	Vlakna a Textil	International	2012
7	Thermal properties of cotton fabric coated with polypyrrole	Journal of Fiber Bioengineering and Informatics	International	2012
8	Conductometry and Size Characterization of Polypyrrole Nanoparticles Produced by Ball Milling	Journal of Nanoparticles	International	2013

9	EMI Shielding Effectiveness of polypyrrole coated glass fabric	Journal of Chemistry and Chemical Engineering	International	2013
10	Cotton fabric coated by polypyrrole: effect of temperature on conductivity	Melliand International	International	2013
11	Heat generation by polypyrrole coated glass fabric	Journal of Textiles	International	2013
12	Optimisation of ball milling parameters for refinement of waste jute	Journal of Textile Engineering	International	2013
13	Electrothermal feedback in polypyrrole coated cotton fabric	Journal of Textile Engineering	International	2013
14	Preparation and characterization of conductive cellulosic fabric by polymerization of pyrrole	Materials Sciences and Applications	International	2013
15	Characterization of textile based strain sensor	International Journal of Applied Research On Textile	International	2013
16	Evaluation of change in colour of denim fabric after various industrial washing processes with different fibre composition	Pakistan Textile Journal	International	2013
17	Color difference formulae evaluation by method of adjustment	World Journal of Engineering	International	2014

#### **Paper Presented**

S. No	Title of Paper	Name of Conference	National/ International	Date
1	Production of nanoparticles of polypyrrole by ball milling	40th Textile Research Symposium	International	2011
2	Comparison of techniques to prepare nano crystalline cellulose from jute fibres	18th international conference STRUTEX	International	2011
3	Color difference formulae evaluation by method of adjustment	18th international conference STRUTEX	International	2011
4	Rheological and electrical properties of polypyrrole nanocomposites	18th international conference STRUTEX	International	2011
5	Optimization of milling conditions for the production of polypyrrole nanoparticles	18th international conference STRUTEX	International	2011
6	Production of nanoparticles of polypyrrole by ball milling	2nd Nanomaterials and Nanotechnology	International	2011

		Meeting		
7	Development of polypyrrole coated glass fabric composite as EMI shield	12th AUTEX World Textile Conference	International	2012
8	Optimisation of Ball Milling Parameters for Refinement of Jute Fibres to Nano/Micro Scale in Dry Conditions	41st Textile Research Symposium	International	2012
9	The influence of temperature on polypyrrole coated cotton fabric	41st Textile Research Symposium	International	2012
10	Thermal properties of cotton fabric coated with polypyrrole	5th Textile Bioengineering and Informatics Symposium	International	2012
11	EMI shielding effectiveness of polypyrrole coated glass fabric	International Technical Textile Conference	International	2012
12	Heat generation by polypyrrole coated glass fabric	19th International Conference STRUTEX	International	2012
13	Heat generation by polypyrrole coated glass fabric	21 <sup>st</sup> ICCE Proceedings	International	2013
14	Joule heating in polypyrrole coated glass fabric	8 <sup>th</sup> International Conference - TEXSCI	International	2013

#### Books Authored/ Edited

S. No	Name of book	Publisher	ISBN
1	Heat generating glass fabric in "Selected properties of functional materials"	OPS, Liberec Cz	978-80-87269-29-9

#### Work Experience

S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	May 2014	Till date	BUIITEMS	Associate Professor
2	Mar 2005	May 2014	BUIITEMS	Lecturer
3	Feb 2003	Mar 2005	Al-Rehmat Textile Mills	Assistant Manager

#### Area of specialization

Electrically conductive textile products

#### Expertise

Textile products and their evaluations

#### HEC Approved supervisor

No

#### If Yes, provide HEC URL

#### Research grants/ Projects

#### Additional Information

