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Faculty		Faculty of Engineering & Architecture		
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Qualification				
<i>Year</i>	<i>Degree/Certificate</i>	<i>Name of the Institute/ University</i>	<i>Field of study</i>	
2018	PhD	SungKyunKwan University South Korea	Chemical Engineering	
2015	MS/ Mphil	SungKyunKwan University South Korea	Chemical Engineering	
2004	Graduation	ICET Punjab University Lahore	Chemical Engineering	
Publications in HEC Recognized journals				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	The Pine-Needle inspired structure of Zinc Oxide nanorods grown on Electrospun Nanofibers for high-performance flexible supercapacitors.	Small	International	Oct 2017
2	Electrodeposited nickel–cobalt sulfide nanosheet on polyacrylonitrile nanofibers: a binder-free electrode for flexible supercapacitors.	Material Research Express	International	Nov 2017
3	Enhanced capacitive deionization performance by an rGO–SnO ₂ nanocomposite modified carbon felt electrode	RSC Advances	International	Jan 2018
4	Facile route to (NH ₄)AlF ₆ :Mn ⁴⁺ ; A novel red phosphor for white LED application	Journal of Alloys & Compounds	International	2018
5	Human Machine Interface Glove Using Piezoresistive Textile Based Sensors	IoP Material science & Engineering	International	Sep 2018
6	Process optimization of microwave assisted co-pyrolysis of coal and oil palm shell blend with carbon surfaces	IoP Material science & Engineering	International	Sep 2018

7	Extraction and Quantification of Chlorophyll from Microalgae Chlorella sp.	IoP Material science & Engineering	International	Sep 2018
8	Fluidized bed heat exchange capacity of Alumina, Coal-char and bio-char solids	IoP Material science & Engineering	International	Sep 2018
9	Extraction of Oil from algae for biodiesel production	IoP Material science & Engineering	International	Sep 2018
10	Potential effect of sugar mill waste water as substrate for bio-electricity generation using laboratory scale double chamber microbial fuel cell	IoP Material science & Engineering	International	Sep 2018
11	Effective use of Enzyme Zymase for enhancement of Ethanol production couple with parametric effect	IoP Material science & Engineering	International	Sep 2018
12	Development of Textile Based Strain Sensor from Polypyrrole	IoP Material science & Engineering	International	Sep 2018
Paper Presented				
S. No	Title of Paper	Name of Conference	National/ International	Date
1	rGO-SnO ₂ Efficient Electrode material for capacitive deionization	EMRS Spring 2017 Strasbourg France	International	May 2017
2	A Novel Concept of three electrode Battery	Korean Society of Chemical Engineering	International	Sep 2016
Books Authored/ Edited				
S. No	Name of book	Publisher	ISBN	
	Nil			
Work Experience				
S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	2018	Till date	BUIEMS Quetta	Assistant Professor
2	2008	2018	BUIEMS Quetta	Lecturer/Incharge Chairman
3	Jan 2008	Oct 2008	Ministry of Defense Production	Junior Engineer
4	Sep 2005	Jan 2008	Merck Private Limited	HSE & Utility Engineer
5	Mar 2005	Sep 2005	Sarela Shahbaz Cement Factory	Shift Engineer
Area of specialization			Energy Storage Materials & Devices	
Research Interest			Chemical Engineering , Energy Storage devices , Sensors etc	
Future Research Plans				
HEC Approved supervisor			Applied	

If Yes, provide HEC URL	
Research grants/ Projects	
Additional Information	