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<b>Designation</b>		Assistant Professor		
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<b>Qualification</b>				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
	Post Doctorate			
	PhD	National Center of Excellence in Physical Chemistry, University of Peshawar	Physical Chemistry, Nanocomposites	
	MS/ Mphil	National Center of Excellence in Physical Chemistry, University of Peshawar	Physical Chemistry, polymer composites	
	Graduation	Institute of Chemical Sciences, University of Peshawar	Chemistry	
<b>Publications in HEC Recognized journals</b>				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	1. XRD study of binary polymer blend of PEO/PMMA/PVAc	Journal of Pakistan Material Society	National	2009
2	Structural Study of PVA Composites with Inorganic Salts by X Ray Diffraction	Journal of Pakistan Material Society	National	2009
3	A Study on Structural, Mechanical and Thermal Properties of Polymer Composites of Polyvinyl Alcohol with Inorganic Material	Macromolecular. Symposia	International	2010
4	Thermal and Structural Properties of Poly (vinyl alcohol) / Copper Nanocomposites	Journal of Science and Technology	National	2013
5	A Study of Structural and Thermal Behaviour of Composites of PMMA/PEO/ PVAc with Lithium Salt	Journal of Science and Technology	National	2013
6	Antibacterial activity of chemical constituents isolated from Asparagus racemosus	Bangladesh Journal of Pharmacology	International	2014

7	Structural, Electrical, Dielectric and Magnetic Behavior of $Gd_{1-x}Bi_xFe_{1-y}Zr_yO_3$ Nanoparticles for Advanced Technological Applications	Ceramics International	International	2015
8	Synthesis, characterization and study of magnetic, electrical and dielectric properties of $La_{1-x}Dy_xCo_{1-y}Fe_yO_3$ nanoparticles prepared by wet chemical route	<i>Journal of Magnetism and Magnetic Materials</i>	International	2015,
9	New Graphene-CoxZn1-xFe2O4-Nano-heterostructures: Magnetically separable visible light photocatalytic materials	<i>Ceramics International</i>	International	2016
10	Structural, magnetic and dielectric properties of terbium doped NiCoX strontium hexagonal nano-ferrites synthesized via micro emulsion-route	<i>Ceramics International</i>	International	2016
11	Structural and electromechanical behavior evaluation of polymer-copper nanocomposites	<i>Macromolecular Research</i>	International	2016
12	Magnesium ferrite/polyvinyl alcohol (PVA) nanocomposites: fabrication and characterization	<i>Ceramics International</i>	International	2017

#### Paper Presented

S. No	Title of Paper	Name of Conference	National/ International	Date
1	Synthesis and Characterization of High Performance Polymer Films Obtained by Polyvinyl Alcohol with Salts	18 <sup>th</sup> National Chemistry Conference University of the Punjab, Lahore - <b>Pakistan</b>	National	25-27 February 2008
2	Thermal, Mechanical and Structural Study of PVA/ lithium Sulphat/ Sodium Sulphate	International Workshop on Advanced Polymer Science and Turbulent Drag Reduction, ICTP, Trieste, <b>Italy</b>	International	10 - 20 March 2008
3	Thermal and Mechanical Properties of Polyvinyl Alcohol Composites	1 <sup>st</sup> Junior National Chemistry Symposium, Muzaffarabad, <b>AJK</b>	National	19-21 October 2008
4	Thermal, structural and mechanical analysis of polymeric composites of polyvinyl alcohol with inorganic salts	International Chemistry Conference, Taibah University, Madina, <b>Saudi Arabia.</b>	International	23-25 March 2009

5	A study on structural, mechanical and thermal properties of polymer composites of poly(vinyl alcohol) with inorganic material	International Polymer Conference Polychar18, Siegen University, Siegen, <b>Germany.</b>	International	7-10 April 2010
6	XRD analysis of ternary polymeric blend	Polychar 19, International Conference on Advanced Polymers, Kathmandu, <b>Nepal.</b>	International	20-24 March 2011
7	XRD and Thermal Studies of nanocomposites of Poly (vinyl alcohol) with Carbon Nanotubes	5th International Science Conference, Makkah, <b>Saudi Arabia.</b>	International	15-18 April 2012
8	XRD and Thermal Studies of PMMA/CNT nanocomposites	11 <sup>th</sup> International and 23 <sup>rd</sup> National Chemistry Conference, NCEPC, University of Peshawar, <b>Pakistan.</b>	International	15-17 October 2012
9	Preparation and characterization of Poly(vinyl alcohol) for drug delivery	12 <sup>th</sup> International Conference of Pakistan Society for Biochemistry and Molecular Biology, The Islamia University of Bahawalpur, <b>Pakistan.</b>	International	December 4-7, 2014
10	Electrical, mechanical and structural behavior evaluation of poly vinyl alcohol /copper nanocomposites	26 <sup>th</sup> National and 14 <sup>th</sup> International Conference of Pakistan Chemical Society of Pakistan, The Islamia University of Bahawalpur, <b>Pakistan</b>	International	October 5-8, 2015
11	Silver-polymer nanocomposites: structural and electromechanical elucidation	International Scientific Spring, National Centre for Physics, QAU Campus, Islamabad, <b>Pakistan.</b>	International	March 07 - 11, 2016.
<b>Books Authored/ Edited</b>				

S. No	Name of book		Publisher	ISBN
<b>Work Experience</b>				
S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	2002	2004	Northern University Nowshera	Lecturer
2	2005	2007	National Center of Excellence in Physical Chemistry University of Peshawar	Research Scholar
3	2008	2013	National Center of Excellence in Physical Chemistry University of Peshawar	Research Scholar/Research Associate
4	2013	2014	Department of Higher Education KPK	Lecturer
5	2014	2016	The Islamia University of Bahawalpur	Assistant Professor
<b>Area of specialization</b>			Physical Chemistry, Material Sciences	
<b>Expertise</b>			Synthesis and characterization of Nanocomposites, ferrites, polymers, magnetic and electrical materials	
<b>HEC Approved supervisor</b>			Yes	
<b>If Yes, provide HEC URL</b>			<i>e.g.</i> <a href="http://sc.hec.gov.pk/aphds/">http://sc.hec.gov.pk/aphds/</a>	
<b>Research grants/ Projects</b>				
<b>Additional Information</b>				