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Designation	Associate Professor			
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Qualification				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2013	Post Doctorate	FJIRSM, CAS, Fuzhou, PR China	Organic Synthesis	
2009	Post Doctorate	Department of Pharmacy and Pharmacology, University of Bath, Claverton Down, Bath, England	Organic Synthesis	
2008	Post Doctorate	Department of Chemistry, Faculty of Science, University of Malaya, Malaysia	Organic Synthesis	
2007	Post Doctorate	H.E.J. Research Institute of Chemistry, University of Karachi	Organic Synthesis	
2006	PhD	HEJRIC, University of Karachi	Natural Product Chemistry	
1999	MSc	University of Karachi	Organic Chemistry	
1995	Graduation	University of Karachi	Chemistry	
Publications in HEC Recognized journals				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	Isolation and structure determination of a benzofuran and A Bis-Nor-Isoprenoid from <i>Aspergillus niger</i> grown on the water soluble fraction of <i>Morinda citrifolia</i> Linn. Leaves.	<i>Natural Product Research</i>	International	2003

2	Two New Insecticidal Amides and a New Alcoholic Amide from <i>Piper nigrum</i> Linn.	<i>Helvetica Chimica Acta</i>	International	2003
3	Two New Insecticidal Amide Dimers from Fruits of <i>Piper nigrum</i> Linn.	<i>Helvetica Chimica Acta</i>	International	2004
4	Insecticidal amides from fruits of <i>Piper nigrum</i> Linn.	<i>Natural Product Research</i>	International	2005
5	Daturacin, A new withanolid from <i>Datura innoxia</i> .	<i>Natural Product Research</i>	International	2005
6	New Anthraquinones from the Stem of <i>Morinda citrifolia</i> Linn.	<i>Natural Product Research</i>	International	2006
7	Chemical Constituents from the Stems of <i>Morinda citrifolia</i> Linn.	<i>Archives of Pharmacal Research</i>	International	2007
8	Isolation and Structure Elucidation of Chemical Constituents from the Fruits of <i>Morinda citrifolia</i> Linn	<i>Archives of Pharmacal Research</i>	International	2007
9	Chemical constituents from the Aerial Parts of <i>Lippia nodiflora</i> Linn.	<i>Archives of Pharmacal Research</i>	International	2007
10	Isolation and structure determination of two new constituents from the fruits of <i>Morinda citrifolia</i> Linn.	<i>Natural Product Research</i>	International	2008
11	Unexpected stereo selective exchange of Straight-Chain Fatty Acyl-CoA α -Protons by Human α -Methylacyl-CoA Racemase 1A (P504S) (AMACR)	<i>Chemical Communications</i>	International	2010
12	The Effects of Different Concentrations and Combinations of Growth Regulators on the Callus Formation of Potato (<i>Solanum tuberosum</i>) Explants	<i>Current Research Journal of Biological Sciences</i>	International	2011
13	Comparative Analysis of Essential oil Contents of <i>Juniperus Excelsa</i> M. Beib from Balochistan	<i>FUUAST Journal of Biology</i>	National	2011
14	The use of Medicinal Plants among Different Communities of Balochistan against Hepatitis	<i>Current Research Journal of Biological Sciences</i>	International	2012
15	A Double-blind, Randomized, Clinical	<i>Natural Product</i>	International	2012

	Trial on the Antileishmanial Activity of a <i>Morinda citrifolia</i> (Noni) Stem Extract and its Major Constituents	<i>communication</i>		
16	Antiviral Potential of Medicinal Plants of Balochistan: Studies Based on the Local Investigations.	<i>Pak. Jou. Chem.</i>	International	2013
17	An Efficient Construction of C-S Bond through Cross Dehydrogenative Coupling Reaction using Visible Light	<i>Arabian J. Chem.</i>	International	(2014) In Press
18	Visible Light Promoted Cross-Dehydrogenative Coupling Reaction of N-aryl Tetrahydroisoquinoline: Access to Rapid Construction of C-S bond	<i>J. Sulfur Chem.</i>	International	(2014) In Press
19	Phytochemical Investigations of <i>Aristolochia indica</i>	<i>Planta medica</i>	International	In process
20	Synthesis and Anti-tumor activity of Derivatives of Oleanolic acid and Ursolic acid against Human Cancer Cell lines.	<i>Bioorganic and Medicinal Chemistry letters</i>	International	In process
21	Phytochemical Studies on <i>Catharanthus roseus</i> through Supercritical Carbon dioxide Extraction	<i>Archives of Pharmacal Research</i>	International	In process

Paper Presented

S. No	Title of Paper	Name of Conference	National/ International	Date
1	"Studies on the Chemical Constituents of <i>Morinda citrifolia</i> Linn."	2 nd International & 12 th National Chemistry Conference held in University of Sindh, Jamshoro, Pakistan.	International	4 th -6 th February, 2002.
2	"Studies on the bioactive Constituents of <i>Morinda citrifolia</i> Linn."	3 rd International & 13 th National Chemistry Conference held in Karachi, Pakistan.	International	28 th -31 st December, 2002.
3	Phytochemical Constituents of <i>Morinda citrifolia</i> Linn."	4 th International & 14 th National Chemistry Conference held in P. C. S. I. R. Laboratories	International	16 th -18 th May, 2004.

		Complex. Lahore, Pakistan		
4	"Triterpenoidal Constituents from the leaves of <i>Azadirachta indica</i> "	4 th International & 14 th National Chemistry Conference held in P. C. S. I. R. Laboratories Complex. Lahore, Pakistan	International	16 th -18 th May 2004.
5	Proximate analysis and Characterization of <i>Caesalpinia bonducella</i> seed oil"	4 th International & 14 th National Chemistry Conference held in P. C. S. I. R. Laboratories Complex. Lahore, Pakistan	International	16 th -18 th May 2004.
6	"Novel Insecticidal Amide Dimers from <i>Piper nigrum</i> Fruits.	"4 th International & 14 th National Chemistry Conference held in P. C. S. I. R. Laboratories Complex. Lahore, Pakistan	International	16 th -18 th May 2004.
7	Two New Insecticidal Amides from Petroleum Ether Extracts of <i>Piper nigrum</i> Linn Seeds.	4 th International & 14 th National Chemistry Conference held in P. C. S. I. R. Laboratories Complex. Lahore, Pakistan	International	16 th -18 th May 2004.
8	Sulphonation studies of Piperine and determination of pesticidal activities of Sulphonated analogues	4 th International & 14 th National Chemistry Conference held in P. C. S. I. R. Laboratories Complex. Lahore, Pakistan	International	16 th -18 th May 2004.
9	"Phytochemical analysis of Black pepper fractions by GC/GC-MS using NIST, kovat's RI & their pesticidal activities	4 th International & 14 th National Chemistry Conference held in	International	16 th -18 th May 2004.

		P. C. S. I. R. Laboratories Complex. Lahore, Pakistan		
10	Chemical Constituents from the stem of <i>Morinda citrifolia</i> Linn".	9 th International Symposium on Natural Product Chemistry held in Karachi, Pakistan	International	10 th -13 th January, 2004
11	"Studies on the Insecticidal Amide of Seed Extracts of <i>Piper nigrum</i> Linn	of 9 th International Symposium on Natural Product Chemistry held in Karachi, Pakistan	International	10 th -13 th January, 2004
12	Blood Pressure Lowering and Gut Stimulatory Effects of the Crude Extracts of <i>Morinda citrifolia</i> (Noni) Leaves are Mediated through Muscarinic Receptor Activation".	10 th International Symposium on Natural Product Chemistry held in Karachi, Pakistan.	International	6 th -9 th January, 2006.
13	"Supercritical carbon dioxide extraction of <i>Catharanthus roseus</i>	2 nd USM Penang International Postgraduate Convention held in Penang, Malaysia	International	18 th -20 th June 2008
14	Chemical Constituents of <i>Lippia nodiflora</i> Linn	11 th International Symposium on Natural Product Chemistry held in International center for Chemical and Biological Sciences, H.E.J. Research Institute of Chemistry, Dr. Panjwani Center for Molecular Medicine and Drug Research, University of Karachi, Pakistan	International	29 th Oct. 1 st Nov. 2008
15	Acyl-CoA \rightleftharpoons proton exchange by \rightleftharpoons methylacyl-CoA racemase	18 th European Conference of Gp2A (Group of Medicinal Chemists of the Atlantic Arc	International	3 rd -4 th Sept. 2009

		held in School of Pharmacy and Pharmaceutical Sciences, Trinity College Dublin, Ireland.		
16	Phytochemical Studies on <i>Catharanthus roseus</i> through Supercritical Carbon dioxide Extraction	1 st International Conference of Chemistry and Its Role In Science (ICCRS-1) held in Department of Chemistry , Jinnah University For Women, Karachi, Pakistan	International	3 rd - 5 th Jan., 2011
17	Antiviral Potential of Medicinal Plants of Balochistan: Studies Based on the Local Investigations	1 st International Conference of Chemistry and Its Role In Science (ICCRS-1) held in Department of Chemistry , Jinnah University For Women, Karachi, Pakistan	International	3 rd - 5 th Jan., 2011
18	Reproductive biotechnologies in dairy industry in Pakistan	1 st International Conference of Chemistry and Its Role In Science (ICCRS-1) held in Department of Chemistry , Jinnah University For Women, Karachi, Pakistan	International	3 rd - 5 th January, 2011.
19	Isolation of Secondary Metabolite from <i>Catharanthus roseus</i> through Supercritical Carbon dioxide Extraction.	9 th International and 21 st National Chemistry Conference held in the Department of Chemistry and International center for Chemical and Biological Sciences. University		14 th -16 th March 2011

		of Karachi		
20	Dairy and milk processing and their future prospects in Balochistan, Pakistan	International Workshop on Dairy Science Park, Agricultural University of Peshawar,	International	21 st -23 rd Nov. 2011
21	Unexpected Stereoselective exchange of straight-chain fatty acyl-CoA α -protons by human α -methylacyl-CoA racemase 1A (P504S)	<i>Annual Symposium - Frontiers in biological catalysis</i> Robinson College Cambridge, UK	International	10 th -12 th Jan.2012
22	Visible Light Promoted Cross Dehydrogenative Coupling Reaction of N-aryl tetrahydroisoquinoline: Access to Rapid Construction of C-S bond	14 th Asian Symposium on Medicinal Plants, Spices and other Natural Products, HEJRIC, University of Karachi	International	Dec. 09 th - 12 th , 2013,
23	An Efficient Construction of C-S Bond through Cross Dehydrogenative Coupling Reaction using Visible Light	2 nd International Conference on Environmental Horizon Greening the Blue Department of Chemistry University of Karachi	International	Jan 1 st -3 rd 2014

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
	2010	To date	BUIITEMS, Quetta	Associate Professor

Area of specialization

Natural Product and Structural Organic Chemistry

Expertise

Synthetic and Medicinal Chemistry

HEC Approved supervisor

Yes

If Yes, provide HEC URL

<http://sc.hec.gov.pk/aphds/submit.asp?supid=3326>

Research grants/ Projects

Evaluation of the Phytochemicals and Leishmanicidal Activity from the Medicinal Plants of Balochistan. (Approved, PSF)

	Investigation on the Antiviral potential of the Medicinal Plants of Balochistan. ISESCO-COMSTECH, Joint Research Grants Program(Submitted)
Additional Information	