



# DIRECTORATE OF ORIC

BACHA KHAN UNIVERSITY CHARSADE

## Research Publications-2017

S.No	Name of Faculty Member	Designation	Title of Research/Review Article/Book Chapter	Journal	Volume	Issue	HJRS Category	Publication date	Impact Factor
1	<b>Department of Agriculture</b>								
1	Dr. Syed Majid Rasheed	AP	Stability comparison of parental and modified double cross maize hybrids	Pure and Applied Biology	6	1	Y	2017	-
2	Dr. Roohul Amin	Assistant Professor	Growth and yield attributes of canola varieties under different seed rates	Pure Appl. Biol.			X	2017	0
3	Dr.Saad jan	Assistant Professor	Isolation and functional identification of three cuticle protein genes during etamorphosis of the beet armyworm, Spodoptera exigua	Scientific report		1	W	43052	4.997
4	Dr.Saad jan	Assistant Professor	Expression and functional analysis of the lysine decarboxylase and copper amine oxidase genes from the endophytic fungus Colletotrichum gloeosporioides ES026	Scientific report		4	W	42844	4.997

5	Dr.Saad jan	AP	Microscopic cuticle structure comparison of pupal melanic and wild strain of Spodoptera exigua and their gene expression profiles in three time points	Microbial Pathogenesis		4	W	Accepted 27 November 2017	3.848
6	Dr. Rahamdad Khan	AP	Evaluation of different techniques for economical control of weeds associated to chickpea	Tunisian Journal of Plant Protection	12	2	X	2017	
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2	<b>Department of Botany</b>								
1	Dr. Fayaz Asad	Assitant Professor	Are Karakoram temperatures out of phase compared to hemispheric trends ?	Climate Dynamics	48	9	W Category in HJRS-HEC	2017	4.901
2	Dr. Fayaz Asad	Assitant Professor	Climate-signal in tree-ring width chronologies of Pinus wallichiana from the Karakoram Mountains in northern Pakistan	Pakistan Journal of Botany	49	6	W Category in 2017 HEC listed Journals / JCR listed	2017	1.1

3	Dr. Fayaz Asad	Assitant Professor	Influence of bio-fertilizer containing beneficial fungi and rhizospheric bacteria on health promoting compounds and antioxidant activity of Spinacia oleracea L	Botanical Studies	58		W Category in HJRS-HEC	2017	2.787
4	Dr. Imtiaz Ahmad	Lecturer	Antimicrobial potential of Viola canescens Wall.	International journal of biosciences.	11	6	NA	2017	NA
5	Dr. Imtiaz Ahmad	Lecturer	Antifungal, antibacterial and insecticidal potential of Charaschweinitzii (A. Braun) Kützing in Charsadda, Pakistan	Pure and Applied Biology	6	1	Y	2017	NA
6	Dr. Tabassum Yaseen	Associate Professor	Morphological Study of some Mushroom species distributed in District Charsadda, Khyber Pakhtunkhwa Province Pakistan.	Sindh Univ. Res. Jour. (Sci. Ser.) <a href="http://doi.org/10.26692/sujo/2017.12.0052">http://doi.org/10.26692/sujo/2017.12.0052</a>			Y	2017	0
7	Dr. Tabassum Yaseen	Associate Professor	Comparing the association of arbuscular mycorrhizal fungi with wheat crop from District Mardan and Charsadda.	Pak. J. Phytopathology,			Y	2017	0.32 0.88
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<b>3</b>	<b>Department of Chemistry</b>								

1	Dr. Muhammad Iqbal	Associate Professor	1. Dihydroxo-bridged dimeric Cu(II) system containing sandwiched non-coordinating phenylacetate anion: Crystal structure, spectroscopic, anti-bacterial, anti-fungal and DNA-binding studies of  [(phen)(H <sub>2</sub> O)Cu(OH) <sub>2</sub> Cu(H <sub>2</sub> O)(phen)] <sub>2</sub> L.6H <sub>2</sub> O: (HL = phenylacetic acid; phen = 1,10-phenanthroline),	Journal of Molecular Structure	1143	NA	X	2017	3.84
2	Dr. Muhammad Iqbal	Associate Professor	2. Therapeutic properties of organotin complexes with reference to their structural and environmental features,.	Reviews in Inorganic Chemistry	37	2	X	2017	2.91
3	Dr. Muhammad Iqbal	Associate Professor	3. New Bioactive Heteroleptic Copper(II) Carboxylates: Structure, Enzymatic and DNA-Binding Studies,	acta chimica slovenica	64	NA	X	2017	1.52
4	Dr. Muhammad Iqbal	Associate Professor	4. Synthesis of a New Heteroleptic Copper(II) Complex: Structural Elucidation, DNA Binding and In-vitro Alpha Glucosidase Inhibition Studies	J. Chem. Soc. Pak.	39	3	Y	2017	0.7

5	Dr. Zarbad Shah	Associate Professor	1. Cerium based photocatalysts for the degradation of acridine orange in visible light	Journal of Molecular Liquids	241	4	W	2017	6.633
6	Dr. Zarbad Shah	Associate Professor	2. Derivatives of 6-Nitrobenzimidazole Inhibit Fructose-Mediated Protein Glycation and Intracellular Reactive Oxygen Species Production						
7	Dr. Zarbad Shah	Associate Professor	3. Development and Validation of an Ecofriendly Chemiluminescence Method for the Determination of Citalopram in Pharmaceutical Preparations using Cu <sup>2+</sup> -grafted Oxidized Multiwall Carbon Nanotubes	Medicinal Chemistry	13	12	W	2017	2.33
8	Dr. Hussain Gulab	Associate Professor	1. Analysis and Human Health Risk From Selected Heavy Metals in Water, Sediments and Freshwater Fish (Labeo Rohita, Cyprinus Carpio, Glyptothorax Punjabensis) Collected From Three Rivers in District Charsadda, Khyber-Pakhtunkhwa, Pakistan	Carpathian Journal of Earth and Environmental Sciences	12	12	W	2017	1.307

9	Dr. Hussain Gulab	Associate Professor	2. Pd/ZrO <sub>2</sub> : An efficient catalyst for liquid phase oxidation of toluene in solvent free conditions	International Journal of Chemical Reactor Engineering	15	15	W	2017	1.152
10	Dr. Hussain Gulab	Associate Professor	3. Multivariate Analysis of the Heavy Metal Concentration in Vegetable and Soil Samples- A Case Study from District Charsadda and District Mardan.	Pakistan Journal of Botany.	49	49	W	2017	0.8
11	Dr. Hussain Gulab	Associate Professor	4. Multivariate and Univariate Analysis of Heavy Metals Concentration in Edible Oils.	Pakistan Journal of Botany.	49	49	W	2017	0.75
12	Dr. Azhar Iqbal	Assistant Professor	1. Efficient Sulfur Host Based On NiCo <sub>2</sub> O <sub>4</sub> Hollow Microtubes For Advanced Li-S Batteries	Journal of Solid State Chemistry	256	-	W	2017	3.656
13	Dr. Azhar Iqbal	Assistant Professor	2. Low Content Ni And Cr Co-Doped LiMn <sub>2</sub> O <sub>4</sub> With Enhanced Capacity Retention	Ionics	23	-	X	2017	2.961
14	Dr. Azhar Iqbal	Assistant Professor	3. MoS <sub>2</sub> /Celgard Separator As Efficient Polysulfide Barrier For Long-Life Lithium-Sulfur Batteries	Advanced Materials	29	21	W	2017	32.086
15	Dr. Azhar Iqbal	Assistant Professor	4. Synthesis and Electrochemical Performance of Urea Assisted Pristine LiMn <sub>2</sub> O <sub>4</sub> Cathode For Li-Ion Batteries	Russian Journal of Physical Chemistry A	91	-	Y	2017	0.791

16	Dr. Azhar Iqbal	Assistant Professor	5. A Comparative Study Of The Removal Of Cr(Vi) From Synthetic Solution Using Natural Biosorbents	New journal of chemistry	41	-	W	2017	3.925
17	Dr. Fazal Akbar Jan	Assistant Professor	1. Analysis and Human Health Risk From Selected Heavy Metals in Water, Sediments and Freshwater Fish (Labeo Rohita, Cyprinus Carpio, Glyptothorax Punjabensis) Collected from Three Rivers in District Charsadda, Khyber-Pakhtunkhwa, Pakistan	Carpathian Journal of Earth & Environmental Sciences	12	2	X	2017	1.49
18	Dr. Sajid Ali	Assistant Professor	1. Synthesis, Characterization and antibacterial activity of a new calcium complex using sodium 2-mercaptopbenzothiazole and 1, 10-phenanthroline as a ligand.	Journal of Molecular Structure	1154	NA	X	2017	3.841
19	Dr. Sajid Ali	Assistant Professor	2.Evaluation of the cytotoxic potential of a new pentacyclic triterpene from Rhododendron arboreum stem bark	Pharmaceutical Biology	55	1	W	2017	3.503
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<b>4</b>	<b>Department of Computer Science</b>								
1	Dr Izaz Ahmad Khan	Assistant Professor/HoD	Magnetic Resonance Images (MRI) Classification through Support Vector Machine	J. Appl. Environ. Biol. Sci	7	4	ISI index	2017	-

2	Dr Izaz Ahmad Khan	Assistant Professor/HoD	Investigating the Pakistan's Offshore Software Industry Infrastructure	J. Appl. Environ. Biol. Sci	7	3	ISI index	2017	-
3	Dr. Mohammad Abrar	Assistant Professor	CDBFIP: Common database forensic investigation processes for Internet of Things	IEEE Access		5	W	2017	3.244
4	Dr. Mohammad Abrar	Assistant Professor	Effects of Pruning on Accuracy in Associative Classification	Journal of Informatics and Mathematical Sciences		9	4	2017	
5	Dilawar Shah	Assistant Professor	Partition-based Face Recognition Using LDP and SVM	Journal of Information and Communication Technologies and Robotic Applications	08	01	Y	2017	
6	Dilawar Shah	Assistant Professor	A Novel Approach for Human Face Detection in Color Images Using Skin Color and Golden Ratio	Journal of Applied Environmental and Biological Sciences	7	10	Y	August 2, 2017	



7	Sabir Shah	Lecturer	Partition-based Face Recognition Using LDP and SVM	Journal of Information and Communication Technologies and Robotic Applications	08	01	Y	2017	
8	Sabir Shah	Lecturer	Partition-based Face Recognition Using LDP and SVM	Journal of Information and Communication Technologies and Robotic Applications	08	01	Y	2017	
9	Sabir Shah	Lecturer	A Novel Approach for Human Face Detection in Color Images Using Skin Color and Golden Ratio	Journal of Applied Environmental and Biological Sciences	7	10	Y	August 2, 2017	
10	Faizan Ullah	Lecturer	Partition-based Face Recognition Using LDP and SVM	Journal of Information and Communication Technologies and Robotic Applications	08	01	Y	2017	

11	Faizan Ullah	Lecturer	A Novel Approach for Human Face Detection in Color Images Using Skin Color and Golden Ratio	Journal of Applied Environmental and Biological Sciences	7	10	Y	August 2, 2017	
<b>5</b>	<b>Department of Economics</b>								
	Muhammad Sohail	HoD/ Lecturer	Relationship between stock prices and Macroeconomic Variables; A case study of Karachi Stock Exchange	NUML International Journal of Management and Business (NIJBM)	12	2			
<b>6</b>	<b>Department of Education</b>								
1	Dr. Muhammad Kaleem	Assistant Prof	Maize productivity enhancement through credit program of Zari Tarqiati Bank Limited in rural areas of District Mardan	Sarhad Journal of Agriculture	No. 1	139-143	X	2017	
2	Dr. Muhammad Kaleem	Assistant Prof	The perspective of Deobandi Ulema regarding the economic empowerment of women	Journal of Religious Studies	No. 1.	26-42	Y	2017	
<b>7</b>	<b>Department of English</b>								

8 Department of Geology									
1	Dr. Irfan Ullah	AP	Single-station ellipticity retrieval and its joint inversion with dispersion curve, for a borehole test site	Arabian Journal of Geosciences	10		X	2017/7	0.5
2	Dr. Irfan Ullah	AP	Soft sediment thickness and shear-wave velocity estimation from the H/V technique up to the bedrock at meteorite impact crater site, Sao Paulo city, Brazil	Soil Dynamics and Earthquake Engineering	94		W	3/1/2017	4.25
3	Dr. Irfan Ullah	AP	Near-surface characterization from the H/V spectral curves along with the joint inversion of the ellipticity and dispersion curves	SÃO PAULO	195		NIL	2017	N/A
4	Rafique Ahmad	Lecturer	Timing of metamorphism and deformation in the Swat valley, northern Pakistan: Insight into garnet-monazite HREE partitioning	Geoscience Frontiers	10	3	W	2019	8.9
9 Institute of Biotechnology and Microbiology									

1	Dr Sajjad Ali Shah	Director IBM	Association between the COMT Gene and Obsessive Compulsive Disorder: A Case-Control Study. Pakistan	Pakistan Journal of Zoology			YES, (JCR updated 2019 pp # 284)	2017	0.924
2	Dr Muhammad Ali	AP	Prevalence of Diabetes Type 2 in Hepatitis C Infected Patients in Kpk-Pakistan.	BioMed Research International	doi.org/10.1155/2017/2416281		Yes	2017	2.197
3	Dr Muhammad Ali	AP	Attenuation of Drought Stress in Brassica Seedlings with Exogenous Application of Ca <sup>2+</sup> and H <sub>2</sub> O <sub>2</sub>	Plants	doi:10.3390/plants6020020		Yes	2017	2.632
4	Dr Muhammad Ali	AP	Plant Density and Nitrogen Doses can Affect Growth of Sweet Corn	Fresenius Environmental Bulletin	26	6	YES	2017	0.673
5	Dr Muhammad Ali	AP	Nitrogen Doses and Plant Density Affect Phenology and Yield of Sweet Corn	Fresenius Environmental Bulletin	26	6	YES	2017	0.673
<b>10 Department of Islamic Studies</b>									
1	Dr. Muhammad Kamran	HoD	A Research Overview of The Role Of 'Urf and 'adah in Social Reforms,	Jihat ul Islam, SZIC, The Punjab University	11	2	Y	12/31/2017	
2	Dr. Muhammad Adil	Lecturer	The Punishment of Disrespect to Religious Emblems in Semitic Religions: A Research Evaluation	Fikr o Nazar IIUI	54	4	Y	5/31/2017	

3	Dr. Muhammad Adil	Lecturer	A Comparative Study of the Punishments and related Teachings about adultery in World Religions	Journal of Islamic & Religious Studies(JIRS) UOH	2	1 Y	5/31/2017	
4	Dr. Muhammad Adil	Lecturer	A Critical and Legal Analysis of Honor Killing	Tahdib ul Afkar AWKUM	4	1 Y	6/30/2017	
5	Dr. Muhammad Adil	Lecturer	The Census and its contemporary inevitability: A research evaluation in light of Islamic teachings	Tahdib ul Afkar AWKUM	4	2 Y	12/31/2017	
<b>11</b>	<b>Department of Mathematics and Statistics</b>							
	No data provided							
<b>12</b>	<b>Department of Management Sciences and Commerce</b>							
1	Dr. Muhammad Yasir	Assistant Professor	Outcomes of Personal Social Media Usage in the Workplace	Journal of Managerial Sciences	11	3 Y	7/9/1905	
2	Dr. Muhammad Yasir	Assistant Professor	The impact of Transformational leadership on turnover intentions directly and through talent engagement in the banking sector of twin cities of Pakistan	Journal of Managerial Sciences	11	3 SE Y	7/9/1905	

3	Dr. Muhammad Yasir	Assistant Professor	University Incubators and Entrepreneurial Ecosystem	Journal of Managerial Sciences	11	3 SE	Y	7/9/1905	
4	Dr.Hamayun	Assistant Professor	Direct and Indirect Effects of Transformational Leadership on Workplace Deviance: Evidence from Non-Profit Organizations of Pakistan	Journal of Managerial Sciences	11	4	Y	7/9/1905	
5	Dr.Hamayun	Assistant Professor	Direct and Indirect Effects of Transformational Leadership on Workplace Deviance: Evidence from Non- Profit Organizations of Pakistan	Journal of Managerial Sciences	11	4	Y	7/9/1905	
6	Dr.Hamayun	Assistant Professor	Female Labor Market Participation And Economic Growth: The Case Of Pakistan	Journal Of Social Science Studies	4	2		7/9/1905	
7	Dr.Hamayun	Assistant Professor	Cognitive Determinants Of Chinese Entrepreneurs' Intention To Adopt Marketing Approach In SMEs: A Case From Anhui, China	European Journal Of Business And Management	9	2		7/9/1905	
<b>13</b>	<b>Pakhtunkhwa Study Center</b>								
1	Dr. Kiran Seeneen	(Assistant Professor)( Director PSC)	روبڻان فكري له اروپا تر پير روڻانه	Takattoo	Vol: 09, Pages 98-110	ISSUE: No 2075-5929		July, Dec 2017	

2	Dr. Asal Marjan	Assistant Professor	توپیر و رسالہ روبنان فکری لہ اروپا	Takattoo	Vol: 09, Pages 98-110	, ISSN: No 2075-5929	July, December 2017	
3	Dr. Asal Marjan	Assistant Professor	فارسی سے پ ش تو م ف غن ال فاظ, د مجذوب پہ شاعری کنبی یونانی تلمیحات	Pegham-e-ashna	, Vol: 19, Pages 29-35	ISSN: No 2079-4568	July, December 2017	
4	Dr. Faqir Muhammad	Lecturer		Takattoo	, Vol: 09	ISSUe 17: No 2075-5929 Pages 112,123	June, January 2017	
5	Dr. Faqir Muhammad	Lecturer	د حمید بابا پہ شاعری کنبی ترکیبہ	Takattoo	, Vol: 09, , Pages 125,135	ISSN: No 2075-5929 issue: 17	July, December 2017	
6	Dr. Faqir Muhammad	Lecturer	مفغن الفاظ فارسی سے پشتو	Pegham-e-ashna	Vol:19 Pages: 29-35	ISSUE: No 2079-4568,	July, December 2017,	
14	<b>Department of Pharmacy</b>							
	Nil							

<b>15</b>	<b>Department of Physics</b>								
	Nil								
<b>16</b>	<b>Department of Political Science</b>								
	Nil								
<b>17</b>	<b>Department of Sociology</b>								
1	Dr. Nizar Ahmad	Assistant Professor	Community Based Peace Building In A Fragile Context	New Horizons	11	2	Y	2017	
2	Dr. Arshad Khan Bangash	Associate Professor	Development of Speaking Skills through Activity Based Learning at the Elementary Level	Eurasian Journal of Educational Research		69	X	2017	
3	Dr. Arshad Khan Bangash	Associate Professor	An overview of the religious perspective of Honour Killing in Federally Administered Tribal Areas (FATA) of Pakistan	Al-Idah	34	1	X	2017	
4	Dr. Arshad Khan Bangash	Associate Professor	Honour killing in Federally Administered Tribal Areas (FATA) of Pakistan: A perceptual study in Kurram Agency	Pakistan Journal of Criminology	9	3	Y	2017	



5	Dr. Arshad Khan Bangash	Associate Professor	Socio-Cultural values and its relationship with Honour Killing in Federally Administered Tribal Areas (FATA) of Pakistan	Pakistan Journal of Social Issues	8	1	Y	2017
6	Dr. Arshad Khan Bangash	Associate Professor	The Dark Side of the Picture: The role of Poverty in the Promotion of Honour Killing in Federally Administered Tribal Areas (FATA) of Pakistan	Pakistan-Pakistan Annual Research Journal	53		Y	2017
7	Dr. Arshad Khan Bangash	Associate Professor	The Role of Associated Economic Factors in Denial of Female Rights of Inheritance in Pakhtun Society:	Pakistan Journal of Society, Education and Language	3	2	Y	2017
8	Dr. Arshad Khan Bangash	Associate Professor	The Perspective of Deobandi Ulema regarding the Economic Empowerment of Women. <i>Journal of Religious Studies University of Chitral</i>	Religious Studies	1	1	Y	2017
9	Dr. Arshad Khan Bangash	Associate Professor	Illiteracy and its relationship with Honour Killing in Federally Administered Tribal Areas of Pakistan	Pakistan Journal of Criminology	10	2	Y	2017