



# DIRECTORATE OF ORIC

BACHA KHAN UNIVERSITY CHARSADDA

## Research Publications-2020

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	Allelopathic effect of plant parts of two invasive weed seeds on seed germination and seedling growth of open pollinated maize varieties	Pakistan Journal of weed science research	26	1	Y	2020	-
2	Dr.Saad jan	AP	Characterization of mycotoxins from entomopathogenic fungi (Cordyceps fumosorosea) and their toxic effects to the development of asian citrus psyllid reared on healthy and diseased citrus plants	Toxicon		21	X	Accepted 11 October 2020	3.035
3	Dr. Rahamdad Khan	AP	Allelopathic effect of plant parts of two invasive weed seeds on seed germination and seedling growth of open pollinated maize varieties	Pakistan Journal of weed science research	26	1	Y	2020	-
4	Dr. Wajid Ali Shah	AP	Tillage, Nutrients and weed control affects yield of sugar beet	Fresenius Environ. Bulletin	29	6	Y	2020	0.553

5	Dr. Iftikhar Alam	Assoc. Prof	Association of functional foods with metabolic syndrome among Pakistani adults	MITTEILUNGEN KLOSTERN EUBURG ( 0007-5922)	70	4	Y	2020	0.623
6	Dr. Iftikhar Alam	Assoc. Prof	Relationship of Vitamin D-Deficient Diet and Irisin, and Their Impact on Energy Homeostasis in Rats.	Frontiers in Physiology ( 1664-042X)	11	1	W	2020	4.4
7	Dr. Iftikhar Alam	Assoc. Prof	Intake of Dietary Advanced Glycation Endproducts (dAGE) influences Inflammatory Markers, Immune Phenotypes and Antiradical Capacity of Healthy Elderly in a Little-Studied Population.	Food Science and Nutrition ( 2048-7177)	8	1	W	2020	3.1
8	Dr. Iftikhar Alam	Assoc. Prof	Association between the inflammatory potential of diet and stress relative to inflammatory markers among female college students	Clinical Nutrition ESPEN ( 2405-4577)	40		X	2020	5.22
9	Dr. Roohul Amin	Assistant Professor	Analysis of wheat genotypes and N application on the yield in response to protein and nitrogen content in grains and straw	Pure Appl. Biol.	9	(1): 229-239	X	2020	0
10	Dr. Roohul Amin	Assistant Professor	Analysis of yield traits, oil content and protein concentration in canola (Brassica napus L.) in relation to various nitrogen and seed rates	Pure Appl. Biol	9	(1): 12-120,	X	2020	0

11									
12									
13									
14									
<b>2</b>	<b>Department of Botany</b>								
1	Dr. Fayaz Asad	Assitant Professor	Arbuscular Mycorrhizal Fungal Spore Density and Root Colonization in Weeds of Carrot field at Charsadda, Pakistan	Pakistan Journal of Agricultural Research	4	4	Category in 2020 HEC listed Journals /	2020	0.748
2	Dr. Fayaz Asad	Assitant Professor	Phytochemical Assessment, in vivo Hepatoprotective and Nephroprotective Evaluation of Aerva javanica Crude Methanolic Extract	Journal of Biochemistry, Genetics and Molecular Biology	4	2	Peer Reviewed Journal	2020	0
3	Dr. Fayaz Asad	Assitant Professor	Germination and Biochemical Parameters of the Triticum aestivum Varieties (Pirsabak and Ata Habib) in Response to NaCl Stress	Asian Plant Research Journal	4	1	Peer Reviewed Journal	2020	0
4	Dr. Fazli Rahir	Assistant professor	Effects of different concentrations of potassium chloride on some growth parameters of Solanum melongena L. (eggplant)	Pakistan Journal of Botany	52	(6):	X	2020	1.16
5	Dr. Muazzam Ali Khan	Assistant Professor	A new species of Eremias (Squamata: Lacertidae) from the arid mountains of Pakistan	Zootaxa	4786	1	X	2020	1.028

6	Dr. Muazzam Ali Khan	Assistant Professor	A new species of <i>Microgecko</i> Nikolsky, 1907 (Squamata: Gekkonidae) from Pakistan	Zootaxa	4780	1	X	2020	1.028
7	Dr. Muazzam Ali Khan	Assistant Professor	The genus <i>Microhyla</i> (Anura: Microhylidae) in Pakistan: species status and origins.	Zootaxa	4845	2	X	2020	1.028
8	Dr. Imtiaz Ahmad	Lecturer	Food, Growth and Mortality of Indian oil sardine ( <i>Sardinella longiceps</i> ) from Baluchistan coast, Pakistan	Journal of Aquatic Science and Marine Biology	3	1	NA	2020	NA
9			Growth and Mortality of <i>Sillago sihama</i> (Forsskål) from Karachi Coast.	Journal of Research in Zoology	3	1	NA	2020	NA
10			Population dynamics of Rainbow Sardines, <i>Dussumieria acuta</i> (Valenciennes, 1847) from Pakistani waters	International Journal Aquatic Fish Science	6	2	NA	2020	NA
11	Dr. Tabassum Yaseen	Associate Professor	Salt stress affects germination and seedling establishment in different wheat ( <i>Triticum aestivum</i> L.) varieties	Journal of Pure and Applied Agriculture ISSN (Print) 2617-8672, ISSN (Online) 2617-8680 <a href="http://jpaa.aiou.edu.pk/">http://jpaa.aiou.edu.pk/</a>			Y	2020	0

12	Dr. Tabassum Yaseen	Associate Professor	Ethnoveterinary and studies of Khadang valley Chakesar District Shangla, Khyber Pakhtunkhwa, Pakistan	Punjab University Journal of Zoology https://dx.doi.org/10.17582/journal.pujz/2020.35.2.207.216			Y	Dec.2020	0
13	Dr. Tabassum Yaseen	Associate Professor	Assessment of Proximate and Nutritional Contents in Selected Weedy Grasses for Potential Use as Fodder in District Charsadda, KP	of the Pakistan Academy of Sciences B. Life and Environmental Sciences Copyright © Pakistan Academy of Sciences ISSN: 2518-4261 (print), ISSN 2518-427X			HEC Y	2020	0.41

14	Dr. Tabassum Yaseen	Associate Professor	Dendrochronological Investigation of selected Conifers from Karakoram-Himalaya, Northern Pakistan	Journal of Botany (PJB) : DOI: <a href="http://dx.doi.org/10.30848/PJB-8/PJB-">http://dx.doi.org/10.30848/PJB-</a>				W	24.Dec 2020	IF 0.972 1.16
15	Dr. Tabassum Yaseen	Associate Professor	Investigation Of Arbuscular Mycorrhizal Fungi From Weeds Plants Grown In Triticum aestivum Field In District Charsadda, Pakistan	Pakistan Journal of Phytopathology 10.33866/phytopathol.032.02.0563				Y	2020	0.32
16	Dr. Tabassum Yaseen	Associate Professor	Ethno Botanical Study of Wild Medicinal Plants of Peerano Valley, District Malakand, Khyber Pakhtoonkhwa, Pakistan	Asian Plant Research Journal Article no.APRJ.59989 ISSN: 2581-9992					2020	0

17	Dr. Tabassum Yaseen	Associate Professor	Arbuscularmycorrhizal fungi promote plant growth of <i>Leymus chinensis</i> by increasing the metabolomics activity under nitrogen addition	sciences Wiley DOI:10.1111/1/grs.12299 Online ISSN:1744-697X WILEY onlinelibrary.com/journal/grs Japanese society of Grassland sciencesMD						Aug(19) 2020	IF-1.65
18											
19											
<b>3</b>	<b>Department of Chemistry</b>										
1	Dr. Muhammad Iqbal	Associate Professor	1. Synthesis, Characterization, Structural Description, Micellization Behavior, DNA Binding Study and Antioxidant Activity of 4, 5 and 6-C5rfoordinated Copper(II) and Zinc(II) Complexes,	Journal of Inorganic and General Chemistry = Z. Anorg. Allg. Chem	646	NA	X			2020	1.41

2	Dr. Muhammad Iqbal	Associate Professor	2. Synthesis, characterization, structural elucidation, electrochemistry, DNA binding study, micellization behaviour and antioxidant activity of the Cu(II) carboxylate complexes, <a href="https://doi.org/10.1016/j.poly.2019.114310">https://doi.org/10.1016/j.poly.2019.114310</a>	Polyhedron	178	NA	X	2020	2.98
3	Dr. Muhammad Iqbal	Associate Professor	3. Synthesis, characterization crystal structures and DNA binding studies of zinc complexes with oxygen and nitrogen donor ligands. <a href="https://doi.org/10.1016/j.poly.2019.114273">https://doi.org/10.1016/j.poly.2019.114273</a>	Polyhedron	177	NA	X	2020	2.98
4	Dr. Muhammad Iqbal	Associate Professor	4. Thermochemical heat storage ability of ZnSO <sub>4</sub> .7H <sub>2</sub> O as potential long-term heat storage material	International Journal of Energy research	45		3 W	2020	4.67
5	Dr. Muhammad Iqbal	Associate Professor	5. A binary copper(II) complex having stepped polymeric structure: Synthesis, characterization, DNA-binding and anti-fungal studies	J. Serb. Chem. Soc.	85		2 Y	2020	1.1
6	Dr. Muhammad Iqbal	Associate Professor	6. Binuclear copper(II) complexes: Synthesis, structural characterization, DNA binding and in silico studies	J. Serb. Chem. Soc.	85		6 Y	2020	1.1
7	Dr. M. Saadiq	Assistant Professor	1. Phytochemicals, fatty acid profile and biological activities of Cedrela serrata Royle bark	Z. Arznei-Gewürzpfla	24		2	2020	0.273



8	Dr. Arif Nawaz	Lecturer	1.Fabrication and characterization of new ternary ferrites-chitosan nanocomposite for solar-light driven photocatalytic degradation of a model textile dye.	Environmental Technology & Innovation	20	NA	W	2020	7.758
9	Dr. Arif Nawaz	Lecturer	2. Assessment of the consequences of heat changes on cotton cultivars growth, phenology and yield at different sowing regimes.	Pakistan Journal of Agricultural Research	5	NA	Y	2020	
10	Dr. Arif Nawaz	Lecturer	3. Immunochromatographic Test and Third Generation ELISA for Elucidating the Existence and Risk Factors of Anti-HCV Antibodies among Blood Donors from Swabi Pakistan	AJ Life Sci	3		2 Y	2020	
11	Dr. Zarbad Shah	Associate Professor	1.Synthesis of silver and aluminum doped magnetic nanoparticles: New fascinating materials with multipurpose applications	Chemical Physics Letters	742		2 X	2020	2.72
12	Dr. Zarbad Shah	Associate Professor	2. Electrical Conductance, Dielectric Properties and Photodegradation Ability of Aluminium based Heterogeneous Nanoparticles	Materials Chemistry and Physics	254		31 W	2020	4.78

13	Dr. Zarbad Shah	Associate Professor	3.Synthesis, Characterization, and Multifunctional Applications of Cu-Fe and Ni-Fe Nanomaterials	ACS Omega	5	24	W	2020	4.132
14	Dr. Zarbad Shah	Associate Professor	4. Metal oxide Nanomaterials for the Photocatalytic Mineralization of toxic Water wastes Under Solar light illumination	Journal of Water Process Engineering	34	43	W	2020	7.34
15	Dr. Zarbad Shah	Associate Professor	5.Electrochemical performance of multifuel based nanocomposite for Solid Oxide Fuel Cell	Ceramics International	46	26	W	2020	5.53
16	Dr. Zarbad Shah	Associate Professor	6.Electrical, Dielectric and Photocatalytic Applications of Iron based Nanocomposites	Applied Physics A: Materials Science and Processing	23	45	X	2020	2.99
17	Dr. Zarbad Shah	Associate Professor	7. Ag-Ni and Al-Ni Nanoparticles for Resistive Response of Humidity and Photocatalytic Degradation of Methyl Orange dye	Materials Chemistry and Physics	244	67	W	2020	4.78
18	Dr. Zarbad Shah	Associate Professor	8.A Validated Spectrofluorimetric Method for the Determination of Moxifloxacin in its Pure Form, Pharmaceutical Preparations and Biological Samples	Analytical Sciences	36	4	X	2020	1.967

19	Dr. Zarbad Shah	Associate Professor	9. Metal Oxide Nanocomposites as Anode and Cathode for Low Temperature Solid Oxide Fuel Cell	Solid State Sciences	102	5	X	2020	3.75
20	Dr. Zarbad Shah	Associate Professor	10.Synthesis of AgNPs coated with secondary metabolites of Acacia Nilotica: An Efficient Antimicrobial and Detoxification agent for Environmental toxic Organic Pollutants	Science & Engineering C-Materials for Biological Applications	111	66	W	2020	8.5
21	Dr. Zarbad Shah	Associate Professor	11.Electrical, Photocatalytic and Humidity Sensing Applications of Mixed Metal Oxides Nanocomposites	ACS Omega	5	54	W	2020	4.132
22	Dr. Zarbad Shah	Associate Professor	12. Complexes of N- and O-donor Ligands as Potential Urease Inhibitors	ACS Omega	5	34	W	2020	4.132
23	Dr. Zarbad Shah	Associate Professor	13. New s-block Complexes of 1, 10-Phenanthroline and 1,3-benzothiazole-2-thiolate Inhibit Urease in silico and in vitro	Applied Organometallic Chemistry	7	88	W	2020	4.072
24	Dr. Hussain Gulab	Associate Professor	1. A binary copper(II) complex having stepped polymeric structure: synthesis, characterization, DNA-binding and anti-fungal studies	Journal of the Serbian Chemical Society	85	NA	W	2020	1.097

25	Dr. Hussain Gulab	Associate Professor	2.A validated Spectrofluorimetric Method for the Determination of Moxifloxacin in it Pure Form, Pharmaceutical Preparations and Biological Samples	Analytical Sciences, The Japan Society for Analytical Chemistry	36	-	X	2020	2.049
26	Dr. Hussain Gulab	Associate Professor	3.Exploring the biosynthesized gold nanoparticles for their antibacterial	Journal of Molecular Structure	1215	-	X	2020	2.463
27	Dr. Hussain Gulab	Associate Professor	4. Arbuscular Mycorrhizal Fungal Spore Density and Root Colonization in Weeds of Carrot Field at Charsadda, Pakistan	Pakistan Journal of Agricultural Research	33	-	X	2020	Nil
28	Dr. Hussain Gulab	Associate Professor	5. Metal oxide nanocomposites as anode and cathode for low temperature solid oxide fuel Cell	Solid State Sciences	102	-	W	2020	2.434
29	Dr. Hussain Gulab	Associate Professor	6. Characterization of synthesized SnO <sub>2</sub> nanoparticles and its application for the photo catalytic degradation of Eosin Y in aqueous solution	Journal of the Chemical Society of Pakistan.	43	-	W	2020	0.3
30	Dr Sidra Subhan	Assistant Professor	1. Fabrication of MnO <sub>2</sub> NPs Incorporated UiO-66 for the Green and Efficient Oxidative Desulfurization and Denitrogenation of Fuel Oils	Journal of Environmental Chemical Engineering	9	43	W	2020	7.968

31	Dr Sidra Subhan	Assistant Professor	2.Hausmannite Mn <sub>3</sub> O <sub>4</sub> Functionalized Graphene Oxide NaClO System for Oxidative Desulfurization and Denitrogenation of Fuel Oils	FUEL	321	19	W	2020	8.035
32	Dr Sidra Subhan	Assistant Professor	3.Engineering pH-switchable UiO-66 via in-situ amino acid doping for highly selective adsorption of anionic dyes	Chemical Engineering Journal	395	45	W	2020	16.744
33	Dr Sidra Subhan	Assistant Professor	4. Boosting the hydrodesulfurization of dibenzothiophene efficiency of Mn decorated (Co/Ni)-Mo/Al <sub>2</sub> O <sub>3</sub> catalysts at mild temperature and pressure by coupling with phosphonium based ionic liquids	Chemical Engineering Journal	375	16	W	2020	16.744
34	Dr Sidra Subhan	Assistant Professor	5. Pyrrolic N-enriched carbon fabricated from dopamine-melamine via fast mechanochemical copolymerization for highly selective separation of CO <sub>2</sub> from CO <sub>2</sub> /N <sub>2</sub>	Chemical Engineering Journal	349	98	W	2020	16.744
35	Dr Sidra Subhan	Assistant Professor	6. Confined conductive and light-adsorbed network in metal organic frameworks (MIL-88B(Fe)) with enhanced photo-Fenton catalytic activity for sulfamethoxazole degradation	Chemical Engineering Journal	427	82	W	2020	16.744

36	Dr Sidra Subhan	Assistant Professor	7. Hydrodesulfurization of dibenzothiophene using Pd-promoted Co-Mo/Al <sub>2</sub> O <sub>3</sub> and Ni-Mo/Al <sub>2</sub> O <sub>3</sub> catalysts coupled with ionic liquids at ambient operating conditions	RSC Advances	9	12	W	2020	4.036
37	Dr Sidra Subhan	Assistant Professor	8. Facile fabrication of hydroxyapatite-magnetite-bentonite composite for efficient adsorption of Pb(II), Cd(II), and crystal violet from aqueous solution	Journal of Cleaner Production	247	54	W	2020	11.072
38	Dr Sidra Subhan	Assistant Professor	9. Study on the properties of GNPs/PS and GNPs/ODA composites incorporated SBS modified asphalt after short-term and long-term aging	Construction and Building Materials	261	1	W	2020	7.693
39	Dr Sidra Subhan	Assistant Professor	10. Kinetic study and process simulation of esterification of acetic acid and ethanol catalyzed by [HSO <sub>3</sub> -bmim][HSO <sub>4</sub> ]	Chemical Engineering Research and Design	137	--	W	2020	4.119
40	Dr. Azhar Iqbal	Assistant Professor	1. Unraveling The High Temperature Cycling Performance Of High-Nickel LiNi <sub>0.85</sub> Co <sub>0.10</sub> Mn <sub>0.05</sub> O <sub>2</sub> Cathode Materials In Pouch-Type Full Cells	Electrochimica Acta	359	1	W	2020	7.336

41	Dr. Azhar Iqbal	Assistant Professor	2. Thermal Behavior And Failure Mechanism Of Large Format Lithium-Ion Battery	Journal of Solid State Electrochemistry	25	-	X	2020	2.747
42	Dr. Azhar Iqbal	Assistant Professor	3. Effect Of Precursor Microstructure on The Performance Of LiNi <sub>0.85</sub> Co <sub>0.10</sub> Mn <sub>0.05</sub> O <sub>2</sub> Cathode Materials	Energy Storage Science And Technology	9	2	NA	2020	1.119
43	Dr. Fazal Akbar Jan	Assistant Professor	1. Heavy Metals Level, Health Risk Assessment Associated with Contamination of Black Tea; A Case Study from Khyber Pakhtunkhwa (KPK), Pakistan,	Biological Trace Element Research	198	1	W	2020	4.4
44	Dr. Fazal Akbar Jan	Assistant Professor	2. Application of Modified PANI-ZnO Composites for NH <sub>3</sub> Gas Sensor at Ambient Temperature	the Chemical society of Pakistan	42	3	Y	2020	0.68
45	Dr. Fazal Akbar Jan	Assistant Professor	3. Band gap tuning of zinc oxide nanoparticles by the addition of (1-4%) of strontium, synthesis, characterization of the catalyst and its use for the photo catalytic degradation of acid violet-17 dye in aqueous solution	Environmental Engineering and Management Journal	19	11	X	2020	0.94

46	Dr. Tooba Saeed	Assistant Professor	1. Structure, nomenclature and viable synthesis of micro/nanoscale metal-organic frameworks and their remarkable applications in adsorption of organic pollutants	Microchemical Journal	159	45	W	2020	5.3
47	Dr. Tooba Saeed	Assistant Professor	2. The Novel Coronavirus Outbreak, A risk of Pandemic and A Challenge to the World.	Cohesive J Microbiol Infect Dis.	15	45	Y	2020	1.03
48	Dr. Tooba Saeed	Assistant Professor	3. A Gate-to-Gate Life Cycle Assessment of Match Industry for Wood Consumption and Wood Waste Generation	Environ Anal Eco stud.	12	165	-	2020	0.8
49	Dr. Tooba Saeed	Assistant Professor	4. Accumulation and Translocation of Micro-Nutrients in Soil and Plants of Orchard and Non-Orchard Fields	Biological Sciences	63	20	Y	2020	0
50	Dr. Tooba Saeed	Assistant Professor	5. Catalytic conversion of spent frying oil into biodiesel over raw and 12-tungsto-phosphoric acid modified clay	Renewable Energy	155	23	W	2020	8.6
51			Patent						
52	Dr. Tooba Saeed	Assistant Professor	1. Patent Application Number: 114/2019, SI.No: 143624, Method of Removal of Organic Pollutants from Waste Water, Government of Pakistan, Intellectual Property Organization,	Government of Pakistan, Intellectual Property Organization,			Granted	2020	



53	Falak Naz	Lecturer	1. Investigation of photocatalytic behavior of undoped ZnO and Cr-doped ZnO nanoparticles for the degradation of dye	Inorganic and Nano-Metal Chemistry	80	NA	Y	2020	2
54	Dr. Sajid Ali	Assistant Professor	1.Exploring the biosynthesized gold nanoparticles for their antibacterial potential and photocatalytic degradation of the toxic water wastes under solar light illumination.	Journal of Molecular Structure	1215	NA	X	2020	3.841
55	Dr. Sajid Ali	Assistant Professor	2. Synthesis and characterization of Mn-Pt/AC nanoparticles and their photocatalytic and antibacterial applications.	Journal of Dispersion Science and Technology	-	NA	X	2020	2.262
56	Dr. Sajid Ali	Assistant Professor	3. Green synthesis of cobalt oxide nanoparticles using Citrus medica leaves extract: characterization and photocatalytic activity.	Zeitschrift für Physikalische Chemie	-	NA	X	2020	4.315
57	Dr. Sajid Ali	Assistant Professor	4.Electrochemical performance of multifuel based nanocomposite for solid oxide fuel cell.	Ceramic International	46	NA	W	2020	5.532
58									
59									
<b>4</b>	<b>Department of Computer Science</b>								



6 Department of Education									
1	Dr. Muhammad Kaleem	Assistant Prof	Effectiveness of Peer Tutoring on The Academic Achievements of Tutors and Tutees With Respect to Knowledge, Comprehension and Application Levels of Cognitive Domain	FWU Journal of Social Sciences	No. 4	43-50	X		2020
2	Dr. Muhammad Kaleem	Assistant Prof	Effect of regional factor productivity on manufacturing sector: The case of Sino-Pak economic ties.	Financial Innovation	6, No. 1	44940	Y		2020
3	Dr. Muhammad Kaleem	Assistant Prof	Socio-Economic Development of Small Farmers by Providing Micro-Credit Facilities under the Crop Maximization Project in District Charsadda, Pakistan	Sarhad Journal of Agriculture	36, No. 2	70-79	X		2020
4	Dr. Muhammad Kaleem	Assistant Prof	Nexus between family, drug abuse & academic performance: evidences from selected Universities in district Mardan.	Pakistan Journal of Humanities & Social Sciences Research	Volume No. 03, Issue No. 02	12359	Y		(December, 2020)
5	Dr. Muhammad Kaleem	Assistant Prof	Effects of Teaching Vocabulary At Elementary Level Through The Eclectic Approach	Pakistan Journal of Humanities & Social Sciences Research	Volume No. 03, Issue No. 02	35-49	Y		(December, 2020)

6	Dr. Muhammad Kaleem	Assistant Prof	The Supreme Court Of Pakistan And Institutionalization: The Case Study Of National Reconciliation Ordinance	International Journal of Management Research and Emerging Sciences	6	129-141	Y	2020
7	Dr. Muhammad Kaleem	Assistant Prof	Pak-US Strategic Partnership and Controversial Issue of Aid after 9/11.	Dialogue	15, No. 1	(1819-6462)	Y	2020
<b>7</b>	<b>Department of English</b>							
1	Dr. Muhammad Bilal	Lecturer	Womanism, Feminism and Islamic Tradition: A Comparative Study of Theoretical Perspective	Tahdhīb al Afkār	7	1	Y	43831
2	Dr. Muhammad Bilal	Lecturer	Facts behind the Traumatic Sexual Oppression in Maryce Conde's I Tituba Black Witch of Salem	Liberal Arts and Social Sciences International Journal	4	1	Y	44108
3	Ms. Syed Attia Bibi	Lecturer	Stereotyping of Gender Roles and Norms by Society: A Feminist Analysis of I Stand Here Ironing	Review of Education, Administration and Law	3	2	Y	2020

4	Ms. Sama Sareer	Lecturer	Reasons Of Code-Switching in Teaching Functional English to The Undergraduate Students of Peshawar: (A Pedagogical Survey)	Turkish Online Journal of Qualitative Inquiry (TOJQI)	12	1	Y	43831	
<b>8</b>	<b>Department of Geology</b>								
1	Fahad Ali	Assistat Profesor	Ooid fabric in the Jurassic of the Indus Basin, Pakistan: control on the original mineralogy.	Current science,	119	5,	w	10 September 2020.	2
2	Rafique Ahmad	Lecturer	Effects of tectonically induced fabrics on geomechanical properties of rocks, NW Pakistan	Bulletin of Engineering Geology and the Environment	79		W	2020	4.2
3	Rafique Ahmad	Lecturer	Exploring Placer Gold Deposits through Integrated Geophysical and Geochemical Techniques at the Confluence of the Indus and Kabul Rivers, NW Pakistan	Acta Geologica Sinica (English Edition)	94	5	X	2020	3.2
4	Rafique Ahmad	Lecturer	AVO analysis of Post-Stack Seismic data of Cretaceous Lumshiwai Formation in Kabirwala Block, Central Indus Basin Pakistan	Journal of Himalayan Earth Sciences	53	2	Y	2020	
<b>9</b>	<b>Institute of Biotechnology and Microbiology</b>								

1	Dr Sajjad Ali Shah	Director IBM	Edible mushroom ( <i>Flammulina velutipes</i> ) as biosource for silver nanoparticles: from synthesis to diverse biomedical and environmental applications	Nanotechnology	5(32)	44932	HJRS (YES)	2020	3.55
2	Dr Sajjad Ali Shah	Director IBM	Green Synthesis and Antibacterial Activity of Gold Nanoparticles of <i>Digera muricata</i> .	Indian Journal of Pharmaceutical Sciences	82(2)	328-44	JCR (YES)	2020	0.721
3	Dr Sajjad Ali Shah	Director IBM	In Vitro Biomedical and Photocatalytic Application of Bio-Inspired <i>Zingiber officinale</i> Mediated Silver Nanoparticles	Journal of Biomedical Nanotechnology	16	44939	HJRS (YES)	2020	5.2
4	Dr Sajjad Ali Shah	Director IBM	"COVID-19: Review of Epidemiology and Potential Treatments Against 2019 Novel Coronavirus."	Discoveries				2020	
5	Sajid Ali	AP	Prevalence of Multi-Drug Resistant Mycobacterium Tuberculosis in Khyber Pakhtunkhwa – A High Tuberculosis Endemic Area of Pakistan	Polish Journal of Microbiology	69		X	2020	1.32
6	Sajid Ali	AP	Fluoroquinolone Resistance Among Isolates of Mycobacterium tuberculosis in Khyber Pakhtunkhwa, Pakistan	Microbial Drug Resistance	27		1 W	2020	3.2
7	Sajid Ali	AP	Characterization and synthetic biology of lipase from <i>Bacillus amyloliquefaciens</i> strain	Archives of Microbiology	202		6 X	2020	2.6

8	Sajid Ali	AP	Pyrazinamide resistance of novel mutations in pncA and their dynamic behavior	RSC Advances	10	1	W	2020	4.036
9	Sajid Ali	AP	Gibbs Free Energy Calculation of Mutation in PncA and RpsA Associated With Pyrazinamide Resistance	Frontiers in Molecular Biosciences	7	52	W	2020	6.11
10	Sajid Ali	AP	In Silico Analysis of S315T and S315R Mutations of Multidrug-resistant Mycobacterium tuberculosis Clinical Isolates from Karachi, Pakistan	Jundishapur Journal of Microbiology	13	19	Y	2020	0.82
11	Sajid Ali	AP	Microbial association related to infectious diseases	International Journal of Biosciences	11	1	o	2020	0
12	Dr Saima Naz	AP	In vivo anti-nociceptive potential and cyclooxygenases 1 and 2 selectivity of dinaphthodiospyrols from <i>Diospyros lotus</i>	. Brazilian Journal of Pharmacognosy	yes	30	577–581	2020	2.1
13	Dr Saima Naz	AP	In vivo analgesic, anti-inflammatory, and sedative activity and a molecular docking study of dinaphthodiospyrol G isolated from <i>Diospyros lotus</i>	Complementary Medicine and Therapies	yes	20	237	2020	2.8
14	Dr Saima Naz	AP	A Novel Compound from the Bark of <i>Diospyros lotus</i> and their Urease Inhibitory Activity	Chemistry of Natural Compounds	Yes	56	1005	2020	0.8

15	Dr Saima Naz	AP	In Vivo Antidiarrheal Potency And Phytochemicals of <i>Callicarpa Macrophylla</i> (Beautyberry Species)	fur Arznei- & Gewurzpflanzen	yes	24	44-48	2020	0.26
<b>10</b>	<b>Department of Islamic Studies</b>								
1	Dr. Muhammad Kamran	HoD	Academic, Political and Social Services of Mawlānā Sami'-ul Ḥaq (Shahīd)	Journal of Islamic & Religious Studies Uoh	5	1	X	6/30/2020	
2	Dr. Muhammad Adil	Lecturer	Review of Specific Laws for Women in Sharia Criminal Law and their Adherence to Statutory Laws	Al-Ajaz ,Al-Khadim foundation Matiari	4	2	Y	12/31/2020	
3	Dr. Maria Gul	Lecturer	A Research Overview of Challenges in the global halal Market	Elementary Education	19	4	X	11/1/2020	0.364
<b>11</b>	<b>Department of Mathematics and Statistics</b>								
	provided								
<b>12</b>	<b>Department of Management Sciences and Commerce</b>								
1	Dr. Muhammad Kamran Khan	Assistant Professor	Stock market behavior in response to political events: A case of Pakistan major political events	Contemporary Issues in Business and Government	26	2	Y	2020	



2	Dr. Muhammad Kamran Khan	Assistant Professor	What determines risk-taking behaviour for organization for economic co-operation and development's commercial banks.	The Discourse	6	2	Y	2020
3	Dr. Muhammad Kamran Khan	Assistant Professor	Why does task conflict influence team creativity? The role of team reflexivity	International Journal of Research in Business and Social Science (2147-4478)	9	2	Y	2020
4	Dr. Muhammad Kamran Khan	Assistant Professor	Nexus of Risk-taking Behavior, Capitalization, and Profitability of Chinese Banks: Evidence from Panel Threshold Regression	Contemporary Issues in Business and Government	26	1	Y	2020
5	Dr. Muhammad Kamran Khan	Assistant Professor	Ethical issues in online advertising and its impact on consumer buying behavior.	Contemporary Issues in Business and Government	26	1	Y	2020
6	Dr. Muhammad Yasir	Assistant Professor	Mediating role of employees' trust in the relationship between ethical leadership and workplace deviance in the public sector hospitals of Khyber Pakhtunkhwa	Leadership, Education, Personality: An Interdisciplinary Journal	2	2		2020

7	Dr. Muhammad Yasir	Assistant Professor	Enterprise Resource Planning Systems and User Performance in Higher Education Institutions of Pakistan	Applied Economics and Business Studies	4	2 X	2020
8	Dr. Muhammad Yasir	Assistant Professor	Impact of Caring Climate on Job Satisfaction and Job Performance: A Case Study of Banking Sector of Hazara Division	International Journal of Management	11	8 Y	2020
9	Dr. Muhammad Yasir	Assistant Professor	Direct and Indirect Effects of Intensive Social Media Usage on Deviant Workplace Behavior	International Journal of Management	11	8 Y	2020
10	Dr. Muhammad Hamayun	Assistant Professor	Entrepreneurial Self-Efficacy And Entrepreneurial Intention: The Mediating Role Of Self-Regulation	Elementary Education Online	19	3 X	2020
11	Dr. Muhammad Hamayun	Assistant Professor	Mediating Role Of Self-Regulation Between Emotional Intelligence And Entrepreneurial Intention: Evidence From Management Students	City University Research Journal	10	4 Y	2020
12	Dr. Muhammad Hamayun	Assistant Professor	The Role Of Talent Management Practices On Employee Innovative Work Behaviour: Moderating Role Of Transformational Leadership	Review Of Management And Business Research	9	4 Y	2020

13	Dr. Muhammad Hamayun	Assistant Professor	Green Human Resource Management Practices And Firm Performance In Manufacturing Industry Of Khyber Pakhtunkhwa, Pakistan	The Discourse	6	1 Y	2020
14	Dr. Muhammad Asad Khan	Lecturer	Entrepreneurial Self-Efficacy and Entrepreneurial Intention: The Mediating Role of Self-Regulation	Elementary Education Online	19	3 X	2020
15	Dr. Muhammad Asad Khan	Lecturer	Green Human Resource Management Practices and Firm Performance in Manufacturing Industry of Khyber Pakhtunkhwa, Pakistan	Discourse	6	1 Y	2020
16	Dr. Muhammad Asad Khan	Lecturer	Leaders' Narcissism and Counterproductive Work Behaviors: Examining the Mediating Role of Job Stress	International Review of Social Sciences	8	Y	2020
17	Dr. Muhammad Asad Khan	Lecturer	Factor Enhancing Quality of Life	Global Economics Review	27	1 Y	2020
18	Dr. Syed Arshad Ali Shah	Lecturer	Determinants of Willingness to Donate and Volunteer to Help their Poor Fellow Students in the University.	Elementary Education Online	19(4)	X	2020 Yes
19	Dr. Syed Arshad Ali Shah	Lecturer	What Determines Risk-Taking Behavior for Organization for Economic Co-operation and Development's Commercial Banks	The Discourse (TD)	6(2)	Y	2020 Yes

20	Dr. Syed Arshad Ali Shah	Lecturer	Assessing the influence of Corporate Governance, Ownership Concentration and Bank Size on the Firm's Value and Bank's Performance: Evidence from Pakistan	Global Economics Review	5(4)	Y	2020 Yes
21	Dr. Syed Arshad Ali Shah	Lecturer	The Problems of Legal Education in Pakistan: Teaching and Learning, Curriculum, and Assessment Methods.	Review of Management and Business Research (IRMBR), Pakistan	9(4)		2020 Yes
22	Dr. Syed Arshad Ali Shah	Lecturer	Impact of Dividend Policy on Stock Prices Before and After Capital Gain Tax Imposition: The Case of Manufacturing Sector of Pakistan	Journal of Management Research and Emerging Sciences.Pakistan	10(2)		2020 Yes
23	Dr. Syed Arshad Ali Shah	Lecturer	The Supreme Court of Pakistan and Institutionalization: The Case Study of National Reconciliation Ordinance	Journal of Management Research and Emerging Sciences.Pakistan	10(2)		2020 yes
24	Dr. Syed Arshad Ali Shah	Lecturer	Is Depressed Wealth Effect of Liquidity a Priced Risk Factor? Evidence from Developed and Emerging Markets	International Journal of Management (IJM). India	18(1)		2020 Yes

25	Dr. Syed Arshad Ali Shah	Lecturer	Impact of Terrorism on Foreign Direct Investment: an Empirical Analysis of Pakistan	Journal of Independent Studies and Research-Management, Social Science & Economics 18(1)	2020	Yes
26	Dr. Syed Arshad Ali Shah	Lecturer	Determinants of Corporate Cash Holdings in Hospitality Sector of France, Spain and United State Of America	Global Economics Review 5(3)	2020	yes
27	Dr. Syed Arshad Ali Shah	Lecturer	The Socio-Economic Impact of Foreign Remittances on Recipient Families: A Case Study of District Charsadda	Journal of Management Research and Emerging Sciences.Pakistan 10(1)	2020	yes
28	Dr. Syed Arshad Ali Shah	Lecturer	Relationship Between Unemployment, Poverty and Crime: An Empirical Cross-Sectional Analysis of Peshawar, Khyber-Pakhtunkhwa	Journal of Management Research and Emerging Sciences.Pakistan 10(1)	2020	yes
29	Dr. Syed Arshad Ali Shah	Lecturer	The Predictability and profitability of Trading Range Break-out Trading Rules: Evidence from Pakistan Stock Exchange	Journal of Business and Tourism 6(1)	Y	2020 yes

30	Dr. Syed Arshad Ali Shah	Lecturer	Testing Market Efficiency, Predictability and Profitability at Pakistan Stock Exchange Using Firm-level Data.	Journal of Accounting and Finance in Emerging Economies	6(1)	Y	2020	Yes
31	Dr. Syed Arshad Ali Shah	Lecturer	Testing Market Efficiency, Predictability and Profitability at Pakistan Stock Exchange Using Firm-level Data.	Journal of Accounting and Finance in Emerging Economies	6(1)	Y	2020	yes
<b>13</b>	<b>Pakhtunkhwa Study Center</b>							
1	Dr. Kiran Seeneen	(Assistant Professor)(Director PSC)	Mehmood Beg Tarzi: A precursor of Modren Novel in Afghanistan	Pashto	vol 49	issue: 660	July –Dec, 2020	
2	Dr Faqir Muhammad	Lecturer	An introduction to Pashto Consonants	Pashto	vol 49	No: 659	Jan- June 2020	
3	Muhammad	Lecturer	specific Pashto phoneme	Pashto	Vol 49	No: 660	2020	
4	Dr Faqir Muhammad	Lecturer	Phonology of Pashto Vowels	journal of Pakhtunkhwa		issue 11	June-Dec 2020	
5	Muhammad	Lecturer						
6	Dr Faqir Muhammad	Lecturer	د نورلامين يوسفزي په افسانو كيني علامت نگاري.	Takatoo	, Vol 12	Issue 23,	Jan-Dec 2020	
7	Dr Shafiullah	Assistant Professor	Effects of Sour Revolution on the Poetry of Rahmat ShahSayel..	wa International Gernal	Vol 5.	Issue 1	Year 2020	
<b>14</b>	<b>Department of Pharmacy</b>							

	Nil								
<b>15</b>	<b>Department of Physics</b>								
1	Dr. Wilayat Khan	Ass. Prof/HoD	Electronic structure and related optical, thermoelectric and dynamical properties of Lillianite-type Pb 7 Bi 4 Se 13 : Ab-initio and Boltzmann transport theory	Materialia	10		X	2020	3.4
2	Dr. Wilayat Khan	Ass. Prof/HoD	Nanosized Magnesium doped Copper Chromites Spinel Particles Synthesis and Characterization	Journal of Solid State Electrochemistry	9		x	2020	2.5
<b>16</b>	<b>Department of Political Science</b>								
1	Dr. Asif Salim	Assistant Professor	A. Exploring the Consequences of Delayed Justice System in the Disposition of Civil Cases.	Pakistan Journal of Criminology	Vol 12	No 2	Y	43922	
2	Dr. Asif Salim	Assistant Professor	A. Capacity Development in Chinese Education System: A Case Study of Chinese Teachers.	JCA	Vol 86		Y	2020	
3	Dr. Asif Salim	Assistant Professor	A. Wary of Jihadism and Changing Facets of Pak-Iran Relations, UOCHJRS	UOCHJRS	Vol 3	No 2	Y	Jan-June 2020	
4	Dr. Asif Salim	Assistant Professor	A. Arab Spring Failure: A Case Study of Egypt and Syria, LASSIJ	LASSIJ	Vol 4	No 1	Y	Jan-June 2020	

5	Dr. Asif Salim	Assistant Professor	A. "Our Hujra is deserted": Conflict, Violence, Culture and Ethnic Identity among the Pukhtuns of Swat,	International Journal of Psychosocial Rehabilitation	Vol 24	No 9	Y	2020
6	Dr. Asif Salim	Assistant Professor	A. Pak-US Strategic Partnership and Controversial Issue of Aid after 9/11	Journal of Dialogue	Vol 15	No 1	Y	2020
7	Dr. Raid Khan	Lecturer	Post-Frontier Crimes Regulation FATA: Reservations and Confusions of the Tribesmen and the Way Forward.	Journal of Criminology . ISSN 2074-2738 (Online) 2222-6648 Pakistan Society of Criminology , Farman Manzil, Opposite: FATA Secretriare, Warsak Road, PESH	Vol. 12 No 2: 69-83.	No 2	Y	2020



8	Dr. Raid Khan	Lecturer	Arab Spring Failure: A Case Study of Egypt and Syria.	and Social Sciences International Journal (LASSIJ) eISSN: 2664-8148 (online).	Vol. 4 No. 1: 44-53.	No 1	Y	2020	
9	Mr. Muhammad Sohaib	Demonstrator	Judicial Reforms in British India Case study of Warren Hasting Era (1772-85)	Elementary Education Online	Vol 19	No 4	X	2020	
<b>17</b>	<b>Department of Sociology</b>								
1	Dr. Nizar Ahmad	Assistant Professor	THE ROLE OF ANTI-TALIBAN LASHKAR (ARMED MILITIA) IN PREVENTION OF TERRORISM IN CONFLICT AFFECTED AREAS	Journal of Society, Education and Language (PJSEL)	6	1	Y	2020	
2	Dr. Nizar Ahmad	Assistant Professor	Religious Factors Influencing Denial of Female Higher Education in Pakhtun Society	Journal of Religious Studies	3	2	Y	2020	
3	Dr. Nizar Ahmad	Assistant Professor	MAPPING FEAR OF CRIME THROUGH A SOCIAL NETWORK MODEL IN MARDAN, PAKISTAN	Pakistan Journal of Humanities & Social Sciences Research	3	2	Y	2020	

4	Dr. Arshad Khan Bangash	Associate Professor	The role of Anti-Taliban Lashkar (Armed Malitia) in prevention of terrorism in conflict affected areas	Pakistan Journal of Society, Education and Languages	6	1 Y	2020
5	Dr. Arshad Khan Bangash	Associate Professor	Effects of Regional factor productivity on manufacturing sector: The case of Sino-Pak economic ties.	Financial Innovation	5	6 W	2020
6	Dr. Arshad Khan Bangash	Associate Professor	Weaponization of Teachers and its Psycho-educational impact on learning environment in Educational Institutions of District Charsadda	Pakistan Journal of Society, Education and Languages	6	1 Y	2020
7	Dr. Arshad Khan Bangash	Associate Professor	Social exclusion of transgender community in District Charsadda	Pakistan Journal of Society, Education and Languages	6	1 Y	2020
8	Dr. Arshad Khan Bangash	Associate Professor	Religious Factors Influencing Denial of Female Higher Education in Pakhtun Society	Journal of Religious Studies	3	2 Y	2020
9	Dr. Arshad Khan Bangash	Associate Professor	Honour Killing: An Instrument of Women Subordination in Tribal Areas of Pakistan	Pakistan Journal of Educational Research	3	2 Y	2020