

# LIST OF PUBLICATIONS FOR THE YEAR 2020

(January 2020 to December 2020)

## ❖ FACULTY OF SCIENCE & TECHNOLOGY

### Department of Biotechnology

#### Published Research Papers in JCR/ISI Impact Factor Journals (only)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Terminicidal activity of mycosynthesized silver nanoparticles from <i>Aspergillus fumigatus</i> BTCB15	Mehwish Iqtedar, Nishmia Mirza, Ayesha Aihtesiam, Sadia Iftikhar, Afshan Kaleem and Roheena Abdullah	2020	Revista Mexicana de Ingenierí a Química	1665-2738	1.21	Vol. 19, No. 3 (2020)	1201-1211
2.	Biosynthesis, optimization and characterization of ZnO nanoparticles using <i>Bacillus cereus</i> MN181367 and their antimicrobial activity against multidrug resistant bacteria.	Mehwish Iqtedar, Huma Riaz, Afshan Kaleem, Roheena Abdullah and Ayesha Aihtesiam, Shagufta Naz, Saima Sharif.	2020	Revista Mexicana de Ingenierí a Química	ISSN 1665-2738	1.21	Vol. 19, Sup. 1 (2020)	253-266.
3.	Purification, characterization, kinetics and thermodynamic analysis of polygalacturonase from <i>Aspergillus tamarii</i> for industrial applications.	Marium Munir, Roheena Abdullah, Ikram-ul-Haq, Afshan Kaleem, Mehwish Iqtedar and Shanaz Ashraf	2020	Revista Mexicana de Ingenierí a Química	ISSN 1665-2738	1.21	Vol. 19, Sup. 1;	293-304.
4.	Application of Plackett Burman and Box Behnken Design for the Optimization of $\beta$ -glucosidase Production by Thermophilic <i>Thermomyces dupontii</i> .	Kinza Nisar, Roheena Abdullah, Afshan Kaleem. Mehwish Iqtedar, Faiza Saleem, Tehreema Iftikhar, Farheen Aslam	2020	Revista de Chimie	0034-7752	1.49	71(9)	32-38
5.	Statistical Optimization of Cellulase Production by	Kinza Nisar, Roheena Abdullah, Afshan	2020	Iranian Journal of Science	1028-6276	0.93	44:1269-1277. DOI 10.1007/s40995-	

	Thermomyces dupontii.	Kaleem and Mehwish Iqtedar		and Technology, Transactions A: Science			020-00932-1	
6.	Hyper production of carboxy methyl cellulase by Thermomyces dupontii utilizing physical and chemical mutagenesis	Kinza Nisar, Roheena Abdullah, Afshan Kaleem, Mehwish Iqtedar and Faiza Saleem	2020	Revista Mexicana de Ingeniería Química	1665-2738	1.21	Vol 19, No. 2 (2020)	617-625
7.	Influence of gamma radiation on nutritional quality and shelf life of fresh red chilies ( <i>Capsicum annum</i> )	Afshan Kaleem, Ramish Shafique, Mehwish Iqtedar, Roheena Abdullah, Faiza Saleem, Mahwish Aftab, Shagufta Naz, Saima Sharif and Saeeda Ilyas	2020	<i>Progress in Nutrition</i>	1129-8723	0.38	22(4)	e202006
8.	Application of response surface methodology for statistical optimization of carboxymethylcellulase by <i>Thermomyces dupontii</i> TK-19 using submerged fermentation	Kinza Nisar, Roheena Abdullah, Afshan Kaleem, Mehwish Iqtedar	2020	<i>Revista Mexicana de Ingeniería Química,</i>	1665-2738	1.21	19(2)	903-911
9.	Evaluation of agricultural by products for the production of Beta glucosidase by <i>Aspergillus niger</i> MBT-2 using solid state fermentation	Roheena Abdullah, Maria Hanif, Afshan Kaleem, Mehwish Iqtedar, Kinza Nisar and Faiza Saleem		<i>Bangladesh Journal of Botany</i>	0253-5416,	0.209	49(1)	135-140
10.	Strain improvement by random mutagenesis of <i>Aspergillus tamari</i> RMLC-10 for improved biosynthesis of polygalacturonase	Marium Munir, Roheena Abdullah, Ikram-ul-Haq, Afshan Kaleem, Mehwish Iqtedar and Shagufta Naz	2020	<i>Pakistan Journal Botany</i>	0556-3321	0.84	52(5)	1809-1813
11.	Characterization	Irfana Iqbal,	2020	<i>Revista</i>	ISSN	1.21	19(Sup. 1)	267-279

	of <i>Geobacillus stearothermophilus</i> protease for detergent industry	Mohammad Nauman Aftab, Afzal, M., Asma Zafar and Afshan Kaleem		<i>Mexican a De Ingenierí a Química.</i>	1665-2738			
12.	Association of <i>STAT4</i> rs7574865 with Susceptibility to Juvenile Onset Systemic Lupus Erythematosus in Pakistani Population.	Rasheeda bashir, Hira Ali, Sairamalik, Neelma Munir, Rukhama Haq, Shagufta Naz and Imran Altaf	2020.	Sains Malaysia	2755-2761	0.75	49(11):	2755-2761
13.	Evaluation of the cytotoxic and antiviral effects of ethanol extract of three <i>Opuntia</i> species of Pestes Petites ruminant virus.	Imran Altaf, Faryal Ashraf, Muhammad Ashraf, Moneeb Ashraf, Aqeel Javeed, Neelma Munir, Rasheeda Bashir	2020	Tropical Journal of Pharmaceutical Research	2123-2128	0.53	19 (10)	1596-5996
14.	Genetic transformation of carrot ( <i>Daucus carota</i> L.) to express hepatitis b surface antigen gene for edible vaccine of hbv.	Saiqa Ilyas, Nida Asghar, Neelma Munir, Mahwish Aftab1 and Shagufta Naz.	2020	The Journal of Animal & Plant Sciences	1263-1272	0.56	30(5):	1018-7081
15.	Detection of Fungus Causing Scab Disease of Citrus in Punjab, Pakistan.	Neelma Munir*, Sundas Moazzam, Rukhama Haq and Shagufta Naz*.	2020	Philippine Journal of Crop Science (PJCS)	0115-463X	0.132	45 (1):	1-10
16.	Synergistic effects of nitric oxide and silicon on promoting plant growth, oxidative stress tolerance and reduction of arsenic uptake in <i>Brassica juncea</i>	Aqeel Ahmad; Waheed Ullah Khan; Anis Ali Shah; Nasim Ahmad Yasin; Shagufta Naz; Aamir Ali; Arifa Tahir	2020	Chemosphere	0045-6535	6.19		
17.	Spectrum of genetic variants in moderate to severe sporadic hearing loss in Pakistan	Memoona Ramzan, Rasheeda Bashir, Midhat	2020	Scientific Reports	2045-2322	4.15		

		Salman, Ghulam Mujtaba, Nara Sobreira, P. Dane Witmer, Baylor Hopkins Center for Mendelian Genomics & Sadaf Naz						
	<b>Total</b>	<b>17</b>				<b>17.231</b>		

#### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Effect of Gamma Radiation to Cope with Post-harvest Losses and Nutritional Components in Guava  (Psidium guajava L.)	Neelma Munir*, Mehreen Tahir, Shagufta Naz*	2020	Current Nutrition & Food Science	1573-4013	Y	16(6)	934-944
<b>Total</b>		<b>01</b>						

#### Number of Research Papers Published In Other Journals

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	Women's Behavioral Health in Relation to Premenstrual Syndrome.	Rabail Javed, Rukhama Haq, Dania Mubashir, Fatima Nadeem, Nadeem Ahmad and Shugufta Naz	2020	European Journal of Engineering Research and Science	2506-8-016		Vol 5, (8)	1000-1003	
2.	Comparative tissue culture studies of tomato cultivars Roma, Cherry-NARC and Nagina	Laeq F, Ali Gm, Khan Mr And Naz S	2020	IJBPAS	2277-4998	9(2)	58-69		
<b>Total</b>		<b>2</b>							

#### Department of Botany

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Microwaves: A rapid and	Sumera Javad <sup>1*</sup> , Asma Ahmed <sup>1</sup> , Iqra Akhtar <sup>1</sup> , Nadia	2020	Bangladesh J of Botany	0253-5416	0.162	49	1151-1155

	healthier way to make tea without damaging anti-oxidants.	Ghaffar <sup>1</sup> , Khajista Jabeen						
2.	Optimization of parameters for microwave-assisted extraction of phenolics and flavonoids from <i>Euphorbia hirta</i> L. by response surface methodology.	Nadia Ghaffar, <b>Sumera Javad</b> , Muhammad Akhyar Farrukh, Iqra Akhtar, Amina Tariq	2020	<u>Phyton-Annales Rei Botanicae</u>	<b>0079-2047</b>	0.65	60	DOI: 10.12905/0380.phyton60-2020-0001
3.	Emulsifying properties of milk protein concentrate functionalized by supercritical fluid extrusion.	Gopirajah Rajamanickam, Poonam Singha, <b>Sumera Javad</b> , Syed S.H. Rizvi.	2020	Journal of Food Processing and Preservation	1745-4549	1.57	44	e14754. http://doi.org/10.1111/jfp.p.14754
4.	Process optimization for microwave assisted extraction of <i>Foeniculum vulgare</i> Mill using response surface methodology.	Iqra Akhtar, <b>Sumera Javad</b> , Madeeha Ansari, Nadia Ghaffar, Amina Tariq.	2020	Journal of King Saud University - Science	1018-3647	3.819	32	1451-1458
5.	RNAseq Analysis Reveals Altered Expression of Key Ion Transporters Causing Differential Uptake of Selective Ions in Canola ( <i>Brassica napus</i> L.) Grown under NaCl Stress	<b>Ulfat, M.</b> , Athar, H.R., Khan, Z.D., Kalaji, H.M.	2020	Plants-Basel, (DOI: 10.3390/plants9070891)	2223-7747	3.18	9 (7)	891
6.	Study of biofilm response of <i>Olea europea</i> to UV radiations: An in-vitro approach.	Liaqat, I., Ali, N.M., Mirza, S.A., Ahsan, F. , Sardar, A.A., Tahir, H.M., Ali, S., Qureshi, A.W., Haneef, U., <b>Ulfat, M.</b>	2020	Journal of Animal and Plant Sciences, (DOI:10.36899/JAPS.2020.5.0145)	1018-7081 (Print) 2309-8694 (Electronic)	0.56	30 (5)	1273-1282
7.	Foliar Fertigation of Ascorbic Acid and Zinc Improves Growth, Antioxidant Enzyme Activity and Harvest Index in Barley	Noreen, S., Sultan, M., Akhter, M.S., Shah, K.H., U. Ume, Manzoor, H., <b>Ulfat, M.</b> , Alyemenid, N.M., Ahmad, P.	2020	Plant Physiology and Biochemistry (Epub 2020, Nov 7) (DOI:10.1016/j.plaphy.20	0981-9428	3.98	158	244-254

	( <i>Hordeum vulgare</i> L.) Grown under Salt Stress			20.11.007)				
8.	Association of cotton leaf curl Multan betasatellite and Ageratum conyzoides symptomless alphasatellite with tomato leaf curl New Delhi virus in Luffa cylindrical in Pakistan	Ifrah Anwar, Hanan Arif Bukhari, Nazia Nahid, Kamran Rashid, Imran Amin, <b>Shabnum Shaheen</b> , Khadim Hussain, Shahid Mansoor	2020	Australasian Plant Pathology	0815-3191, 1448-6032	1.44	49	25-29
9.	Light and scanning electron microscopy-based foliar micro morphological tools for the identification of fodder grass taxa	Nidaa Harun, <b>Shabnum Shaheen</b> , Mushtaq Ahmad, Muhammad Naveed Shahid	2020	Microscopy research and techniques journal	1097-0029, 1059-910X	2.22	83	953–978.
10.	Scanning electron microscopic screening of 20 medicinally important Asteroideae taxa	Sidra Younis, <b>Shabnum Shaheen</b> , Mah Zaib, Nidaa Harun, Sana Khalid, Khadim Hussain, Uzma Hanif, Farah Khan	2020	Microscopy research and techniques journal	1097-0029, 1059-910X	2.22	83	988-1006
11.	Effects of different plant growth regulators on in vitro growth of Aloe vera L.	Unaiza Wahab, Muhammad Ashfaq, Muhammad Sajjad, <b>Shabnum Shaheen</b> , Riffat Sadique, Muhammad Ali and Farah Khan	2020	Bangladesh Journal of Botany	0253-5416	0.16	49(1)	159-162
12.	Applications of scanning electron microscopy in taxonomy with special reference to family Euphorbiaceae	Tahira Alyas, <b>Shabnum Shaheen</b> , Uswah Amber, Nidaa Harun, Sana Khalid, Khadim Hussain, Uzma Hanif and Farah Khan	2020	Microscopy research and techniques journal	1097-0029, <b>1059-910X</b>	2.22	<b>83</b>	1066–1078
13.	Antioxidant potential and chemical characterization of bioactive compounds from a medicinal plant <i>Colebrokea oppositifolia</i> Sm	Saiqa Ishtiaq, Uzma Hanif, <b>Shabnum Shaheen</b> , Saraj Bahadur, Iram Liaqat, Umer Farooq Awan, Memuna Ghafoor Shahid, Muhammad Shuaib, Wajid Zaman & Mehwish Meo	2020	Anais da Academia Brasileira de Ciências	Printed ISSN 0001-3765 I Online ISSN 1678-2690	1.37	92(2)	1-15
14.	Light and scanning electron microscopic characterization of thirty endemic Fabaceae species of district Lahore, Pakistan	<b>Shabnum Shaheen</b> , Rozina Fateh, Sidra Younis, Nidaa Harun, Mehwish Jaffer, Khadim Hussain, Muhammad Ashfaq, Riffat Siddique, Hanan Mukhtar, Farah Khan	2020	Microscopy research and techniques journal	1097-0029, 1059-910X	2.22	83	1507–1529.
15.	Light microscopy and scanning electron	<b>Shabnum Shaheen</b> , Palwasha Khan, Sehrish Sadia, Mehwish Jaffer,	2020	Microscopy research and techniques	1097-	2.22	83	1417-1426

	microscopy of bacterial colonies isolated from ras malai samples from different markets of Lahore, Pakistan	Sana Khalid, Riffat Siddique , Hanan Mukhtar, Tehreema Iftikhar Samina Sarwar, Sobia Ilyas and Farah Khan		journal	0029, 1059-910X			
16.	Scanning electron microscopic screening; Can it be a taxonomic tool for identification of traditional therapeutic plants	Mehreen Jalal, <b>Shabnum Shaheen</b> , Zeb Saddiqe, Nidaa Harun, Moneeza Abbas and Farah Khan	2020	Microscopy research and techniques journal	1097-0029, 1059-910X	2.22	-	1-16
17.	Scanning Electron Microscopy-based palynological characterization of selected Euphorbiaceae taxa colonized in Pakistan	Tahira Alyas, <b>Shabnum Shaheen</b> , Farzeen Hussain, Nidaa Harun, Khadim Husain, Sumera Sajjad, Mushtaq Ahmed and Farah Khan	2020	Microscopy research and techniques journal	1097-0029, 1059-910X	2.22	-	1-10
18.	Pharmacological analysis of obnoxious water weed: Eichhornia crassipes (Mart.) Solms	Sana Khalid, <b>Shabnum Shaheen</b> , Khadim Hussain, Muhammad Naveed Shahid and Samina Sarwar	2020	Journal of animal and plant sciences	ISSN (print): 1018-7081; ISSN (online): 2309-8694	0.56	30(6)	1465-1475
19.	Evaluation of nutraceutical potential of five selected wild edible plants of Lahore, Pakistan	<b>Shabnum Shaheen</b> , Mehreen Jalal, Muhammad Ashfaq, Muhammad Ali, Bilal Rasool, Javed Iqbal Watto, Muhammad Asrar, Umair Ali, Muhammad Sajjad, Mehwish Jaffer, Nida Haroon and Farah Khan	2020	Pakistan journal of agricultural sciences	ISSN (Print) 0552-9034, ISSN (Online) 2076-0906	0.63	57(6),	1557-1563
20.	<i>Malva</i> species: Insights on its chemical composition towards pharmacological applications	Javad Sharifi-Rad ,Guiomar Melgar-Lalanne, Alan Javier Hernández-Álvarez, Yasaman Taheri, <b>Shabnum Shaheen</b> , Dorota Kregiel, Hubert Antolak, Ewelina Pawlikowska, Milka Brdar-Jokanović, Jovana Rajkovic, Tahereh Hosseinabadi, Branka Ljevnaić-Mašić, Navid Baghalpour, Maryam Mohajeri, Patrick Valere Tsouh Fokou, Natália Martins.	2020	Phytotherapy research	<a href="https://doi.org/10.1002/ptr.6550">https://doi.org/10.1002/ptr.6550</a>	4.3	34	546-567
21.	Application of multimicroscopic techniques (LM and SEM) in comparative palynological study of Asteroideae	Sidra Younis, <b>Shabnum Shaheen</b> , Nidaa Harun, Moneeza Abbas, Mushtaq Ahmad, Khadim Hussain, Farah Khan	2020	Microscopy research and techniques journal	1097-0029, 1059-910X	2.22	-	1-15

	members, inhabited in Pakistan.							
22.	Pollen morphological assessment of specific selected species of district Sheikhpura, Punjab, Pakistan under LM and SEM.	Ayesha Alam, <b>Shabnum Shaheen</b> , Samina Sarwar, Mehwish Jaffer, Malka Saba, Muhammad Hanif, Sumera Sajjad, Farah Khan	2020	Microscopy research and techniques journal	1097-0029, 1059-910X	2.22	-	1-12
23.	Scanning electron microscopic screening; Can it be a taxonomic tool for identification of traditional therapeutic plants	Mehreen Jalal, Shabnum Shaheen, Zeb Saddiqe, Nidaa Harun, Moneeza Abbas and <b>Farah Khan</b>	2020	Microscopy research and techniques journal	1097-0029, 1059-910X	2.22		
24.	Pharmacological screening and GC-MS analysis of vegetative/reproductive parts of <i>Nigella sativa</i> L.	<b>Arusa Aftab</b> , Zubaida Yousaf, Zill-e-Huma Aftab, Afifa Younas, Nadia Riaz, Hafiza Bushra Shamsheer, Madiha Rashid, Arshad Javaid	2020	Pakistan Journal of Pharmaceutical Sciences	1011-601X,	0.55		
25.	Evaluation of fungicidal potential of <i>Ocimum sanctum</i> and <i>Nicotiana tabacum</i> <i>Aspergillus flavus</i> and <i>A. niger</i> .	Zara Naeem, Alya Maimoona, <b>Khajista Jabeen</b> , Bareera Khan and Sumera Iqbal.	2020	Pakistan Journal of Botany.		0.84	52(6):	2223-2228
26.	Efficacy of biochar as soil amendments for soybean ( <i>Glycine max</i> L.) morphology, physiology, and yield regulation under drought.	Summera Jahan, Sumera Iqbal, Fahd Rasul, <b>Khajista Jabeen</b>	2020	Arabian Journal of Geosciences, 13: 356. <a href="https://doi.org/10.1007/s12517-020-05318-6">https://doi.org/10.1007/s12517-020-05318-6</a>	1866-7538, 1866-7511	1.46	13(10)	
27.	Molecular systematics and evolutionary relationships of some inland gilled basidiomycetes from the Himalayan moist temperate forests of Pakistan based on rDNA marker	Razaq, A. S. <b>ILYAS</b> , A.N. Khalid	2020	Pakistan Journal of Botany		0.84		
28.	Transparent boron-doped zinc oxide films for antibacterial and	<b>Zeb Saddiqe</b> , Asma Nazir and Medhat Sabir	2020	<i>Journal of Materials Science: Materials in</i>	0957-4522, 15	2.33		



	magnetic applications.			<i>Electronics</i>	73-482X			
29.	Tailoring of optical, biological and magnetic properties of nanocrystalline Fe doped TiO <sub>2</sub> thin films	Zohra Nazir Kayani, Zainab Bashir, Saira Riaz, Shahzad Naseem, <b>Zeb Saddiqe</b>	2020	<i>Materials Research Express</i>	2053-1591	1.91		
30.	Scanning electron microscope screening; can it be a taxonomic tool for identification of traditional therapeutic plants	Zohra Nazir Kayani, Iqra Wahid, <b>Zeb Saddiqe</b> , Saira Riaz, Salma Waseem and Shahzad Naseem	2020	<i>Microscopy Research and Technique</i>	1097-0029,1059-910X	2.22		
31.	Process optimization for microwave assisted extraction of <i>Foeniculum vulgare</i> Mill using response surface methodology	Iqra Akhtar, Sumera Javad, Madeeha Ansari, Nadia Ghaffar, <b>Amina Tariq</b>	2020	Journal of King Saud University- Science	1018-3647	3.819		
32.	Plectological and molecular identification of economically important wild Russulales mushrooms from Pakistan and their antifungal potential against food pathogenic fungus <i>Aspergillus niger</i>	<b>Samina Sarwar</b> *, Tanzeela Aziz, Muhammad Hanif, Sobia Ilyas, Malka Saba, Sana Khalid and Muhammad Fiaz.	2020	Bangladesh Journal of Plant Taxonomy	1028-2092,	0.527		
	<b>Total</b>	<b>32</b>				<b>54.731</b>		

#### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Effects of organic and chemical fertilizers on growth and yield attributes of chili ( <i>Capsicum annum</i> L.)	Umair Ali, Muhammad Ashfaq, Muhammad Shafiq, Muhammad Ali, <b>Shabnum Shaheen</b> , Bakhtawar	2020	International journal of Biotechnology	1741-5020, 0963-6048	Y	17 (4)	731-738

		Mubashar, Mubarak Ali Anjum and Muhammad Aqeel						
2.	A preliminary study of influence of zinc oxide nanoparticles on growth parameters of Brassica oleracea var italic	Sana Awan, Kiran Shahzadi, Sumera Javad, <b>Amina Tariq</b> , Asma Ahmad, Saiqa Ilyas	2020	Journal of the Saudi Society of Agricultural Sciences	1658-077X	X		
<b>Total</b>		<b>02</b>						

#### Number of Research Papers Published In **Other Journals**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	Comparative Biochemical analysis of fruit extracts of various citrus varieties and tetra pack orange juice.	Hannan Mukhtar and noor ul ain	2020	Journal Plantarum		2	13-16	National	
2.	Vegetable tanning of sole fish skin by using tannins extracted from plants.	Uzma Abid, Tahira Mughal, <b>Zeb Saddiqe</b> , Muhammad Anwar	2020	<i>Asian Journal of Research in Biosciences</i>	2664-4584	2(2):,	1-9		International
3.	Allelopathic effect of <i>Ricinus communis</i> L. extracts on germination and seedling growth of <i>Zea mays</i> L.	<b>Zeb Saddiqe</b> , Ismat Naeem, Claire Hellio, Asmita V. Patel and Ghulam Abbas	2020	<i>Journal of Natural and Applied Sciences Pakistan</i>				National	
<b>Total</b>		<b>03</b>							

### Department of Chemistry

#### Published Research Papers in **JCR/ISI Impact Factor Journals (only)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Selected CO <sub>2</sub> capture through microporous Tb(BTC)(H <sub>2</sub> O).(D MF)1.1 MOF as an additive in novel MMMs fabricated from Matrimid 5218	Asma R. Tariq, <b>Saadia R. Tariq</b> , Misbah Sultan, Tariq Mahmud, Ghayoor A. Chotana	2020	Arabian Journal of Chemistry	1878-5352	4.98	13	8979-8994
2.	Role of cationic moiety in phosphate fertilizers' molecules on their solution	<b>Bushra Naseem</b> , Iqra Arif, Muhammad Asghar Jamal	2020	Arabian Journal of Chemistry	1878-5352	4.762	13	7759-7772

	behavior in terms of volumetric and acoustic parameters at different temperatures and atmospheric pressure							
3.	Effect of alkyl chain length of 1-alkanols on solution behavior of bactericidal antibiotic in terms of thermo-acoustic parameters	<b>Bushra Naseem</b>	2020	Journal of Molecular Liquids	0167-7322	5.36	307	112991
4.	Thermo-acoustic properties of maltose in aqueous amino acids system	Muhammad Asghar Jamal, <b>Bushra Naseem</b> , Sadaf Naz, Iqra Arif, Muhammad Saeed, Sana Atiq	2020	Journal of Molecular Liquids	0167-7322	5.36	309	112932
5.	Effect of non-steroidal anti-inflammatory drug on pharmacological activity of antibiotic in terms of thermo acoustic parameters	<b>Bushra Naseem</b> , Aatika Nawaz, Iqra Arif, Muhammad Asgher Jamal	2020	Journal of Molecular Liquids	0167-7322	5.36	299	112126
6.	Green Synthesis Characterization and Thermotropic Behaviour of O-Linked Glycopyranosides of Phenolic Esters	Saliha Nazir, Dure Najaf Iqbal, Hina Daud, Ambreen Ghani, Shagufta Nasir, Saima Naz and <b>Erum Akbar Hussain</b>	2020	Journal of Chemistry	2090-9063	1.79	2020	1-14
7.	Green and environment friendly techniques for enhanced physicochemical characteristics attributed to polysaccharides for industrial applications	Dure Najaf Iqbal, <b>Erum Akbar Hussain</b> , Ambreen Ghani, Attaullah Bukhari, Arif Nazir, Shafia Iftikhar, Aftab Ahmad, Munawar Iqbal.	2020	Polish Journal of Environmental Studies	1230-1485	1.49	29(5)	3457-3466
8.	Green versus sol-gel synthesis of ZnO nanoparticles and antimicrobial activity evaluation against panel of pathogens	R Perveen, <b>S. Shujaat</b> , Z Qureshi, S Nawazc , M.I. Khan, M. Iqbal	2020	Journal of Materials Research & Technology	2238-7854	5.289	9 (4)	7817-7827
9.	Investigation of Catalytic Potential and Radical Scavenging Efficacy of Terminalia bellerica Roxb Bark Mediated Ecofriendly Silver Nanoparticles.	Lubna Sherin, Ayesha Sohail, <b>Shahida Shujaat</b> , Muhammad Mathar Bashir, Sabiq Inam, Zareen Arshad, Anwar Ul-Hamid	2020	Journal of Cluster Science.	<u>1040-7278</u>	1.88		<a href="https://doi.org/10.1007/s10876-020-01865-w">https://doi.org/10.1007/s10876-020-01865-w</a>
10.	Photocatalytic degradation of deltamethrin by using Cu/TiO2/bentonite composite	<b>Sana Ahmad</b> , Amina Yasin	2020	Arabian Journal of Chemistry	1878-5352	4.98	13	8481-8488
11.	Constituents and	Pakeeza	2020	Plant	1126-	2.06		<a href="https://do">https://do</a>

	antibacterial activity of leaf essential oil of <i>Plectranthus scutellarioides</i>	Aziz , Nadeem Muhammad , Az eem Intisar , Muhammad Amin Abid , Muhammad Imran Din , Muhammad Yaseen , <b>Rehana Kousar</b> , Aqsa Aamir , Quratulain, Rabia Ejaz		biosystems	3504			<a href="https://doi.org/10.1080/11263504.2020.1837279">i.org/10.1080/11263504.2020.1837279</a>
12.	Synthesis and Biodistribution Study of Biocompatible 198Au Nanoparticles by use of Arabinoxylan as Reducing and Stabilizing Agent	<b>Fozia Iram</b> , Mohammad S Iqbal, Irfan U Khan, Rashid Rasheed, Aqsa Khalid, Muhammad Khalid, Saira Aftab, Abdul R Shakoori	2020	Biological Trace Element Research	0163-4984	2.65	193	282-293
13.	Synthesis, spectral characterization and antimicrobial studies of novel series of allylidene based multifaceted chalcones analogues.	Misbah Irshad, Qamar Ali, Muhammad Athar Abbasi, <b>Fozia Iram</b> , Mubshara Saadia, Muhammad Hamza Ishfaq	2020	Pakistan Journal of Pharmaceutical Sciences	1011-601X	0.55		987-995
14.	Facile synthesis of heteroaryl-modified MCM-41 and targeted removal of Pb(II) ions for water purification	<b>Farah Suhail</b> , Madeeha Batool, Muhammad Imran Din, Misbahul Ain Khan, Ghayoor Abbas Chotana, Iqra Zubair Asma Tufail Shah	2020	Journal of Porous Materials	1380-2224	2.3	27	1491–1504
15.	Sugar-Catalyzed Synthesis of Triarylimidazoles An Exemplary Model of Sweet Chemistry	F. Ijaza, S. S. Shafiqat, <b>R. Babar</b> , M. Rizwan, M. N. Zafar, M. A. Khana, and M. A. Munawara	2020	Russian Journal of Organic Chemistry	1070-4280	0.624	56	509–513
16.	Lemon Juice and Microwave Assisted Modification of Potato Peel Husk for Lead Biosorption: Batch and Column Studies	Tahira Moeen Khan*, Iram Riaz, Shahana Ehsan, Bushra Khan and Sunbal Asif	2020	Pakistan Journal of Analytical and Environmental Chemistry	1996-918X	0.35	21	75-86
	<b>Total</b>	<b>16</b>				<b>49.785</b>		

#### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
3.	Selective capture of CO <sub>2</sub> from mixture	Asma R. Tariq, Saadia	2020	Journal of Innovative	ISSN: 2412-	Y	6	157-188

	of different gases using cellulose acetate polyimide polysulfone and some other polymer based Mixed matrix membranes- a review	R.Tariq, Tariq Mahmud, Misbah Sultan		Sciences	3846				
<b>Total</b>		<b>01</b>							

#### Number of Research Papers Published In Other Journals

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	A Rapid and efficient protocol for the synthesis of cinnamils	Hafiz Adnan Ahmad, Syeda Shaista Gillani, <b>Rabia Babar</b> , Munawar Ali Munawar, and Salman Gulb	2020	Journal of Nesmeyanov Institute of Organoelement Compounds of the Russian Academy of Sciences	2658-5618	3(1)	20-24	-	Yes
<b>Total</b>		<b>01</b>							

#### Department of Environmental Science

##### Published Research Papers in JCR/ISI Impact Factor Journals (only)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Contamination of heavy metals in poultry eggs: a study presenting relation between heavy metals in feed intake and eggs	Muhammad Shuaib Kabeer , Isbah Hameed , Saif-ur-Rehman Kashif , Munazza Khan , <b>Arifa Tahir</b> , Faiza Anum , Saira Khan & Shahid Raza	2020	Archives of Environmental and Occupational Health	1933-8244	1.180	2020	1-13
2.	Proximate composition, functional properties and quantitative analysis of benzoyl peroxide and benzoic acid in wheat flour samples: effect on wheat flour quality	<b>Numrah Nisar</b> , Faiza Mustafa , <b>Arifa Tahir</b> , Rashad Qadri , Yaodong Yang, Muhammad Imran Khan and Fuyou Wang	2020	<i>PeerJ</i>	2167-8359	2.46	8	87-88
3.	Stability-Indicating RP-HPLC Method for Simultaneous Determination of Metformin Hydrochloride and Vildagliptin in Tablet and Biological Samples	Abdul Shakoor , Mahmood Ahmed, Rabia Ikram , Sajad Hussain , <b>Arifa Tahir</b> , Badrul Mohamed Jan and Ahmad Adnan	2020	<i>Acta Chromatographica</i>	1233-2356	1.418	32(1)	39-43
4.	Green synthesis, characterization and photocatalytic applications of silver nanoparticles using Diospyros lotus Self-dual Leonard pairs	Amaira Yasmin, Shazia Nouren, Haq Nawaz Bhatti, Dure Najaf Iqbal, Shan Iftikhar, Junaid Majeed, Rahat Mustafa, <b>Numrah Nisar</b> , Jan Nisar, Arif Nazir*, Munawar Iqbal and Hina Rizvi	2020	<i>Green Processing and Synthesis</i>	2191-9550	1.81	9	87-96
5.	Clonal propagation of olive (olea europeae) through semi-hardwood cuttings	Khalid Hussain , Rashad Qadri , Muhammad Tahir Akram , <b>Numrah</b>	2020	<i>Fresenius Environmental Bulletin</i>	2191-9542	0.55	29	8131-8137

	using iba under shaded polyethylene tunnels (spts)	<b>Nisar</b> , Amjad Iqbal , Yaodong Yang , M M Khan, Imran-ul-Ha , Rashid Iqbal Khan I, Muhammad Azhar Iqbal						
6.	Parasitic prevalence in bat fauna captured from selected sites in northwestern Pakistan.	Khana, M. I., Shahbaze, M., Anwarf, K., Khang, W., <b>Ahmad, Z.,</b> & Ullahi, I.	2020	<i>Brazilian Journal of Biology</i>	<b>1519-6984</b>	1.38	81(3)	776-784
7.	Low - temperature health hazards amount workers of cold storage facilities in Lahore, Pakistan	<b>Nadia Ghani</b> , Foqia Tariq,Houda Javed, <b>Numrah Nisar, Arifa Tahir</b>	2020	<i>Medycyna Pracy</i>	0465-5893	0,82	71.7 (2020)	1-7
8.	Aspergillus pakistanicus: microscopic and phylogenetic analysis of a new entomopathogenic fungi isolated from the soil of the changa manga forest, pakistan	<b>Abrar, A. Mughal, T.</b> A. Sarwar, S.Oneeb, M. Malik, K. Saif, S. and <b>Abbas, M.</b>	2020	<i>Applied Ecology and Environmental Research</i>	1785-0037,1589-1623	0.93	18(3)	3795-3804
9.	Determining cadmium levels in herbal tooth powders purchased from streetmarkets in Lahore, Pakistan	Zoya Arshad, <b>Amina Abrar*</b> , <b>Dr. Sofia Nosheen, Prof. Dr. Tahira Mughal</b>	2020	<i>Kuwait Journal of Science</i>	2307-4116	0.62	47(1)	79-85
10.	Synthesis of nickel nanoparticles using Citrullus colocynthis stem extract for remediation of Reactive Yellow 160 dye	Shumaila Kiran, Muhammad Asim Rafique, Sarosh Iqbal, <b>Sofia Nosheen</b> , Saba Naz & Abdur Rasheed	2020	<i>Environmental Science and Pollution Research</i>	0944-1344,1614-7499	3.33	27(26)	32988-33007
11.	Application of Response Surface Methodology to Optimize Ammonia Volatilization Determination by Enclosure Method	S Shakeel, R Mahmood, <b>A Fatima</b>	2020	<i>Communications in Soil Science and Plant Analysis</i>	0010-3624	0.85	51(15)	2038-2044
12.	A review on environmental significance carbon foot prints of starch based bio-plastic: A substitute of conventional plastics	Arifa Shafqat, <b>Arifa Tahir</b> , Adeel Mahmood, Arivalagan Pugazhendhi	2020	<i>Biocatalysis and Agricultural Biotechnology</i>	18788181	2.51	2020	101-540
13.	Scanning electron microscopic screening; Can it be a taxonomic tool for identification of traditional therapeutic plants	Mehreen Jalal, Shabnum Shaheen, Z. Saddiqe, Nidaa Harun, <b>M. Abbas, F. Khan</b>	2020	<i>Microscopy Research and Technique</i>	1097-0029	2.22	2020	1-16
14.	Synergistic effects of nitric oxide and silicon on promoting plant growth, oxidative stress tolerance and reduction of arsenic uptake in Brassica juncea	Aqeel Ahmad, Waheed Ullah Khan, Anis Ali Shah, <b>Arifa Tahir</b> , Aima iram Batool	2020	<i>Chemosphere</i>	0045-6535	6.19	26(2)	128-384
15.	Effect of phyto-fabricated nanoscale organic-iron complex on photo-fermentative hydrogen production by Rhodospseudomonas palustris MP2 and Rhodospseudomonas palustris MP4	Fariha Kanwal, <b>Arifa Tahir</b> , Syed Abdul Qadir Shah	2020	<i>Biomass and Bioenergy</i>	0961-9534	3.98	140	105-667

<b>Total</b>	<b>15</b>				<b>29.428</b>		
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Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Plant waste utilization as ecofriendly sorbents for removal of reactive dyes from wastewater	A. Shahzadi , S. <b>Nosheen</b> , S.Kiran , S.Riaz , <b>T.A.Mughal</b> and L.Shahid	2020	Pakistan Journal of Science	2411-0930	Y	2020	1-19
2.	Indian Mustard Brassica juncea efficiency for the accumulation, tolerance and translocation of zinc from metal contaminated soil	<b>Hina Chaudhry</b> , <b>Numrah Nisar</b> , Salma Mehmood, Munawar Iqbal, Arif Nazir, Muhammad Yasir	2020	Biocatalysis and Agricultural Biotechnology	1878-8181	X	23	101-489
<b>Total</b>		<b>02</b>						

Number of Research Papers Published In **Other Journals**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	Method validation for bifenthrin emulsifiable concentrate and uncertainty calculation using gas chromatographic appr	Arif Nazir, Javaid Iqbal , Munawar Iqbal , Mazhar Abbas and <b>Numrah Nisar</b>	2020	<i>Future Journal of Pharmaceutical Sciences</i>	2314-72553	6(1)	5-9		
2.	Antifungal analysis of Sapindus mukorossi and Accacia concinna fruit extracts against plant pathogenic fungi	Aiza Anum, Arusa Aftab, Amara Rafi, <b>Arifa Tahir</b> , Ayesha Alam, Shahid Raza, Khalid Iqbal, Abdullah, Waseem Akhtar Qureshi, Said Anwar Shah8, Zulqurnain9, Uzma Ayaz	2020	International Journal of Botany Studies	2455-541x	5	323-328		International
<b>Total</b>		<b>02</b>							

**Department of Geography**

Published Research Papers in **JCR/ISI Impact Factor Journals (only)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Detection of land cover changes in Baluchistan (shared between Iran, Pakistan,	Peyman Mahmoudi & Safdar Ali Shirazi & Fatemeh Firoozi &	2020	Arabian Journal of Geosciences	18667538	1.46	13	1274 (2020)

	and Afghanistan) using the MODIS Land Cover Product	Sayed Mahdi Amir Jahanshahi & <b>Nausheen Mazhar</b>						
2.	Role of community for improvement of ecosystem services in urban parks	<b>Aysha Hanif</b> , Safdar Ali Shirazi and Abdul Majid	2020	Pakistan journal of agricultural sciences	Print 0552-9034 Online 2076-0906	0.63	57(6)	1591-1596
	<b>Total</b>	<b>2</b>				<b>2.09</b>		

#### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Assessing quality of life through people's perception: a case study of Lahore-Pakistan	<b>Aysha Hanif</b> , Safdar Ali Shirazi and Abdul Majid	2020	Journal of Agricultural Research	Print 0368-1157 Online 2076-7897	Y	58(4)	289-295
2.	Trends and Variability of Temperature Time Series over the Kanshi Catchment in The Potohar Region of Punjab-Pakistan	S.A. Shirazi, S. Abbas, K. Shakarullah, M. Yaseen, <b>Nausheen Mazhar</b> , S. S. Wahla	2020	Pakistan Journal of Science, Vol. 72 (3), Sep 2020, 241-248.	2411-0930	Y	72 (3)	241-248
3.	The Preliminary Study of Anthropogenic and Natural Drivers of Desertification in Drylands of South Punjab, Pakistan	<b>Nausheen Mazhar</b> , Safdar Ali Shirazi	2020	International Journal of Economic and Environmental Geology	2223-957X	Y	11 (1)	102-107
4.	Impacts of rainfall and temperature variability on wheat production in district Bahawalnagar, Pakistan from 1983-2016	<b>Nausheen Mazhar</b> , Maham Sultan and Dania Amjad	2020	Pakistan Journal of Science	2411-0930	Y	72 (4)	348-355
	<b>Total</b>						<b>4</b>	

#### Department of Mathematics

#### Published Research Papers in JCR/ISI Impact Factor Journals (only)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
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1.	Distance Measurements Related to Cartesian Product of Cycles	Xiaoli Qiang, Saima Nazeer, Yu-Ming Chu, Muhammad Awais Umar, <b>Imrana kousar</b> and Ammara Sehar	2020	Journal of Mathematics	2314-4785, 2314-4629	0.86	Vol. 2020 Article ID 3562382	12 pages
2.	Energy-minimizing cubic H-Bézier curve	<b>Maria Hussain</b> , S. Zafar and M. Z. Hussain	2020	Journal of Testing and Evaluation	1945-7553, 0090-3973	0.877	49	
3.	Optimal preconditioned regularization of least mean squares algorithm for robust online learning	<b>Shazia Javed</b> , and Noor Atinah Ahmad	2020	Journal of intelligent & Fuzzy Systems	1875-8967, 1064-1246	2.11	35(3)	
4.	Novel Numerical Analysis for non-linear advection reaction-diffusion systems	N. Shahid, N. Ahmed, D. Baleanu, A. S. Alshomrani, M. S. Iqbal, M. A. Rehman, <b>T. S. Shaikh</b> and M. R Malik	2020	Open Physics	2391-5471	1.21	18	112-125
5.	SEMT valuation and strength of subdivided star of $K_{1,4}$	<b>Salma Kanwal</b> , Mariam Imtiaz, Nazeran Idrees, Zurdath Iftikhar, Tahira Sumbal Shaikh, Misbah Arshad and Rida Irfan	2020	Open Mathematics	2391-5455	0.9	18	1122-1134
6.	Some Bounds of Weighted Entropies with Augmented Zagreb Index Edge Weights	Yujie Huang, Hafiz Mutee-ur-Rehman, <b>Saima Nazeer</b> , Deeba Afzal and Xiaoli Qiang	2020	Discrete Dynamics in Nature and Society	1026-0226, 1607-887X	0.97	Vol. 2020 Article ID 3562382	12 pages
7.	Radio Labeling for Strong Product $K_3 \times P_n$	Xiaoli Qiang, <b>Saima Nazeer</b> , Yu-Ming Chu, Muhammad Awais Umar, Imrana kousar and Ammara Sehar	2020	IEEE Access	2169-3536,	4.98	5(6)	
8.	Stacked book graphs are cycle-antimagic	Hengxiao QI, <b>Saima Nazeer</b> , Imrana Kousar, Muhammad	2020	Aims Mathematics	2473-6988,	0.96		

		Awais Umar and Nihad Ali Shah						
9.	Accretion onto some singularity - free black holes	<b>Sehrish Iftikhar</b>	2020	International journal of Modern Physics A	ISSN (print): 0217-751X and ISSN (online): 1793-656X	1.45	35	2050062
	<b>Total</b>	<b>09</b>				<b>14.317</b>		

#### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Redefined Zagreb indices of Rhombic, triangular, Hourglass and Jagged-rectangle benzenoid systems	Mohanad A. Mohammed, Raad S. Haoer, Ashaq Ali, Maqbool Ahmad, Mohammad Reza Farahani and <b>Saima Nazeer</b>	2020	Proyecciones (Antofagasta)	0717-6279, 0716-0917	Y	Vol. 39, n. 4 (2020)	pp. 851-867
2.	On Lie ideals of inverse semirings	<b>Sara Shafiq</b> and Muhammad Aslam	2020	Italian journal of Pure and applied Mathematics	1126-8042	Y	44	22-29
	<b>Total</b>	<b>02</b>						

#### Number of Research Papers Published In Other Journals

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	A Fractal Interpolation Function Through Shear Factor with Perturbation Error Analysis	<b>Tayba Arooj</b> , Farsia Hussain, Malik Zawwar Hussain	2020	NED University Journal of Research	DOI:10.35453/NEDJR - ASCN-2018-0010		XVII (2)	15-22	
2.	Simulation and modeling of diffraction pattern of crystallography: a fractal approach	Malik Zawwar Hussain, Shama Yousaf and <b>Tayba Arooj</b>	2020	Computational and Applied Mathematics	DOI: 10.1007/s40314-020-1099-		39, Article number: 79(2020)		
	<b>Total</b>				02				

#### Department of Physics

##### Published Research Papers in JCR/ISI Impact Factor Journals (only)

s	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Magnetic and	<b>Zohra Nazir</b>	2020	Ceramics	0272-	4.13	46(1)	381-390

	Antibacterial Studies of Sol-Gel Dip Coated Ce doped TiO <sub>2</sub> thin films: Influence of Ce Contents,	<b>Kayani, Maria, Saira Riaz and Shahzad Naseem</b>		International	8842			
2.	Effect of Mg doping on structural, morphological, optical and thermal properties of ZnO nanoparticles	<b>Riffat Sagheer, Momina Khalil, Vaneeza Abbas, Zohra Nazir Kayani, Unza Tariq, Faiza Ashraf</b>	2020	Optik	0030-4026	2.187	200	163428
3.	Magneto-Dielectric Properties of In-Situ Oxidized MagnesiumAluminium Spinel Thin Films using Electrodeposition	<b>Hina Nazli, Rabbiya Anjum, Fatima Iqbal, Attia Awan, Saira Riaz, Zohra N Kayani, Shahzad Naseem</b>	2020	Cer. Int.	0272-8842	3.883	46	8588-8600
4.	Role of Mn in biological, optical, and magnetic Properties ZnO nano-particles	<b>Zohra Nazir Kayani, Mehak Anjum, Saira Riaz, Shahzad Naseem, Talat Zeeshan,</b>	2020	Appl. Phys. A	0947-8396	1.81	126	197
5.	Dip-Coated V Doped ZnO Thin Films: Dielectric and Magnetic Properties,	<b>Zohra Nazir Kayani, Hina Nazli, Sania Kousar, Saira Riaz and Shahzad Naseem,</b>	2020	Cera. Int	0272-8842	3.833	46	14605-14612
6.	Dielectric and Magnetic Properties of Rare-Earth Metal Ce Doped ZnO thin films	<b>Zohra Nazir Kayani, Tehreem chaudary, Saira Riaz and Shahzad Naseem,</b>	2020	J. Elec. Mater.	0361-5235	1.744	49	3114-3123.
7.	Microwave assisted tuning of optical and magnetic properties of zinc oxide nanorods—efficient antibacterial and photocatalytic agent,	<u>Syed Mudassar Gillani, Samia Naeem, Saima Yaseen,</u> Saira Riaz, <b>Zohra N. Kayani</b> and Shahzad Naseem,	2020	J. Sol-gel. Sci. Tech.	0928-0707	2.008	95	88-100
8.	Assessment of Antibacterial and Optical features of sol-gel Dip coated La doped TiO <sub>2</sub> thin films,	<b>Zohra Nazir Kayani, Sidra Rahim, Riffat Sagheer, Saira Riaz and Shahzad Naseem</b>	2020	Mater. Chem. Phys.	0254-0584	3.408	250	123217
9.	Transparent Boron doped Zinc Oxide Films for Antibacterial and Magnetic Applications	<b>Zohra Nazir Kayani, Zainab Bashir, Saira Riaz, Shahzad Naseem and Zeb Saddiqe</b>	2020	J. Mater. Sci. Mater. Elec.	0957-4522	2.2	31	11911-11926
10.	Dielectric and Magnetic Properties of Dilute Magnetic Semiconductors Ag doped ZnO thin films,	<b>Zohra N. Kayani, Ayesha Usman, Hina Nazli, Saira Riaz, Shahzad Naseem</b>	2020	Applied Physics A	0947-8396	1.81	126	559
11.	Impact of Ag doping On structural , optical,	<b>Zohra Nazir Kayani, Farkhanda</b>	2020	Optical and Quantum electronics	0306-8919	1.842	52(7)	344-18

	morphological, optical and photoluminescent properties of ZnO nanoparticles	Manzoor, Ayesha Zafar, Maria Mahmood, Mehreen Rasheed and Maryam Anwar						
12.	Antibacterial, Magnetic, Optical and dielectric Analysis of Novel La <sub>2</sub> O <sub>3</sub> doped ZnO thin films,	<b>Zohra Nazir Kayani</b> , Benish Aamir, Saira Riaz and Shahzad Naseem	2020	Opt. Mater.	0925-3467	2.779	109	110287
13.	Enhanced Magnetic, antibacterial and Optical properties of Sm doped ZnO thin films: Role of Sm doping,	<b>Zohra Nazir Kayani</b> , Madia Sahar, Saira Riaz, Shahzad Naseem and Zeb Saddiqe	2020	Optical Materials	0925-3467	2.779	108	110457
14.	Effect of capping agent on microwave assisted sol-gel synthesized zirconia coatings for optical applications	Hassan Yousaf, M. Azhar, Mahwish Bashir, Saira Riaz, <b>Zohra N.Kayani</b> , Shahzad Naseem	2020	Optik	0030-4026	1.914	222	<b>165297</b>
15.	Comparison between centrosymmetric and non-centrosymmetric	<b>Safia Anjum</b> , Anam Mansoor, Zeeshan Mustafa, Shahid Atiq	2020	Applied Physics A	1432-0630	1.870		1-17
16.	Investigation of magnetic and dielectric properties of Ag <sub>x</sub> -substituted Co <sub>0.05-x</sub> Zn <sub>0.95</sub> O dilute magnetic semiconductor prepared by co-precipitation method, 2020 (IF 1.870)	<b>Safia Anjum</b> , Maryam Anjum, Zeeshan Mustafa,	2020	Applied Physics A	1432-0630	1.870		1-14
17.	Evolution of ferro electric and ferro magnetic properties of rare earth aluminium substituted M-type barium hexa ferrites at room temperature	F. SEHAR, <b>S. ANJUM</b> , Z. MUSTAFA,	2020	Digest Journal of Nanomaterials and Biostructures	1842-3582	0.64	15	609 – 620
18.	Influence of antimony substitution on structural, magnetic and optical properties of cadmium spinel ferrite	<b>Safia Anjum</b> , Tafrij Ilayas, Zeeshan Mustafa	2020	Applied Physics A: <b>Materials Science and Processing</b>	1432-0630	1.870		126:227
19.	Co-existence of Ferroelectric and Ferromagnetic Properties of Bi <sup>3+</sup> Substituted M-type Barium Hexaferrites	Fatima Sehar, <b>Safia Anjum</b> , Zeeshan Mustafa, Shahid Atiq	2020	Journal of Superconductivity and Novel Magnetism		1.161		
20.	Effects of Cr-doping	<b>Salma Waseem</b> ,	2020	Optik -	0030-	2.187	212	164630

	on structural, morphological, magnetic, optical and electrical properties of Ti <sub>0.9</sub> Fe <sub>0.1-x</sub> O <sub>2</sub> thin films	<b>Safia Anjum, Talat Zeeshan,</b> Ismat Shah		International Journal for Light and Electron Optics	4026.			
21.	Gravitating–radiative magneto hydrodynamics surface waves	<b>R. Ruby, Ch. Rozina</b> , N. L. Tsintsadze and Z. Iqbal	2020	J. Plasma Phys. doi:10.1017/S0022377820000720	0022-3778	2.3	86	905860211
22.	Novel features of magnetization in weakly ionized neutron star	<b>Ch. Rozina ,P Maryam,</b> N. L. Tsintsadze	2020	Physica Script (IOP) Publishing	0031-8949	2.1	96	015604
23.	Magnetic field quantization in pulsars	<b>Ch. Rozina</b> , N. L. Tsintsadze	2020	J. Plasma Phys. (2020)	0022-3778	2.3	86	905860211
24.	Low-frequency plasma waves in a radiative dusty magnetoplasma	<b>Ch. Rozina,</b> A. Hira, S. Ali and R. Fazila	2020	J. Physica Script	0031-8949	2.1	95	045608
25.	Electrochemical characterization of polymer electrolyte membrane fuel cells and polarization curve analysis	<b>Munazza Mohsin,</b> Rizwan Raza, M. Mohsin-ul-Milk, Abida Yousaf, Viktor Hacker	2020	International Journal of Hydrogen Energy	0360-3199	4.220	45	24093-24107
26.	Effect of Polymer capping on photonic multi-core- shell quantum dots CdSe /CdS /ZnS: Impact of Sunlight and Antibacterial Activity	<b>Aneeqa Sabah, Sahar Tasleem,</b> Maria Murtaza, Mohsin Nazir and Farzana Rashid	2020	Journal of Physical Chemistry	1932-7455	4.189	124	9009-9020
27.	Dimensionality Reduction for Internet of Things using Cuckoo Search Algorithm: Reduced Implications of Mesh Sensor Technologies, Wireless Communications and Mobile Computing	Azeema Yaseen, Mohsin Nazir, <b>Aneeqa Sabah,</b> Shahzadi Tayyaba, Zuhaib Ashfaq Khan, Muhammad Waseem Ashraf and Muhammad Ovais Ahmad	2020	Wireless communication and Mobile computing	1530-8677	1.89	2020	1-21
28.	Characterization, bioactivity and antimicrobial properties of a metal-ceramic composite for bone regeneration	<b>Madeeha Riaz, Rehana Zia,</b> Farah Fatima, Farooq Bashir, Tousif Hussain	2020	Ceramics International	0272-8842	3.830	46	16663–16669
29.	Tuning the mechanical and Dielectric Properties of Zinc Incorporated Hydroxyapatite	<b>Alliya Qamar, Rehana Zia</b> and <b>Madeeha Raiz</b>	2020	Current Nanoscience	1875-6786	1.836	16	982-993
30.	Cubic to pseudo-cubic tetragonal phase transformation with lithium and	<b>I. Zeba,</b> N. Bashir, Riaz Ahmad, M. Shakil, M.	2020	Bulletin of Materials Science	0250-4707 (print)	1.392	<b>43</b>	224

	beryllium doping in CaTiO <sub>3</sub> and its impact on electronic and optical properties: DFT approach <a href="https://doi.org/10.1007/s12034-020-02222-3">https://doi.org/10.1007/s12034-020-02222-3</a>	Rizwan, M. Rafique, Farzana Rashid, S. S. A. Gillani						
31.	First-principles investigation of structural modification fine band gap engineering, and optical response of La <sub>1-x</sub> Ba <sub>x</sub> GaO <sub>3</sub> for optoelectronic applications <a href="https://doi.org/10.1007/s00339-020-03813-x">https://doi.org/10.1007/s00339-020-03813-x</a>	Muhammad Rizwan, A. Khadija, <b>I. Zeba</b> , M. Shakil, Zahid Usman, S. S. A. Gillani,	2020	Applied Physics A	0947-8396 (print)	1.810	<b>126</b>	688
32.	Study the effect of magnesium doping concentration on structural and optoelectronic response of NaCa <sub>1-x</sub> Mg <sub>x</sub> F <sub>3</sub> fluoroperovskite: First-principles computation <a href="https://doi.org/10.1016/j.ijleo.2020.164990">https://doi.org/10.1016/j.ijleo.2020.164990</a>	<b>I. Zeba</b> , R. Kiran, M. Shakil, M. Rafique, Riaz Ahmad, S. S. A. Gillani	2020	International Journal for Light and Electron Optics (Optik)	0030-4026 (Print)	2.187	<b>218</b>	164990
33.	Theoretical investigation of structural, mechanical, electronic, and thermal behavior of platinum group metals and their intermetallic alloys PtRhX (X = Pd, Ir, Os, Ru) <a href="https://doi.org/10.1016/j.physb.2020.412240">https://doi.org/10.1016/j.physb.2020.412240</a>	Shabbir Ahmed, M. Shakil, Muhammad Zafar, <b>I. Zeba</b> , Riaz Ahmad, S. S. A. Gillani	2020	Physica B: Condensed Matter	0921-4526 (Print)	1.902	<b>591</b>	412240
34.	Effect of anomalous behavior of Be-doping on structural stability, bandgap, and optical properties in comparison with Mg-doped BaZrO <sub>3</sub> perovskite: insights from DFT calculations <a href="https://doi.org/10.1007/s11082-020-02349-x">https://doi.org/10.1007/s11082-020-02349-x</a>	<b>I. Zeba</b> , R. Jabeen, Riaz Ahmad, M. Shakil, M. Rafique, M. Rizwan, N. Bashir, S. S. A. Gillani	2020	Optical and Quantum Electronics	0306-8919 (Print)	1.842	<b>52</b>	234
35.	First-principles computation of magnesium doped	<b>I. Zeba</b> , M. Ramzan, Riaz Ahmad, M.	2020	Solid State Communica	0038-1098	1.521	<b>313</b>	113907

	CaZrO3 perovskite: A study of phase transformation, bandgap engineering and optical response for optoelectronic applications <a href="https://doi.org/10.1016/j.ssc.2020.113907">https://doi.org/10.1016/j.ssc.2020.113907</a>	Shakil, M. Rizwan, M. Rafique, M. Sarfranz, M. Ajmal, S. S. A. Gillani		tions	(Print)			
36.	Electronic, structural, and optical properties of BaTiO3 doped with lanthanum (La): Insight from DFT calculation <a href="https://doi.org/10.1016/j.ijleo.2020.164611">https://doi.org/10.1016/j.ijleo.2020.164611</a>	Muhammad Rizwan, Hajra, <b>I. Zeba</b> , Muhammad Shakil, S. S. A. Gillani, Zahid Usman	2020	International Journal for Light and Electron Optics (Optik)	0030-4026 (Print)	2.187	<b>211</b>	164611
37.	Effect of mixed halide contents on structural, electronic, optical, and elastic properties of CsSnI3-xBrx for solar cell applications: First-principles study <a href="https://doi.org/10.1088/2053-1591/ab727d">https://doi.org/10.1088/2053-1591/ab727d</a>	M. Shakil, Arfan Akram, <b>I. Zeba</b> , Riaz Ahmad, S. S. A. Gillani, Muhammad Asghar Gadhi	2020	Materials Research Express	2053-1591 (Print)	1.929	<b>7</b>	25513
38.	Effect of external pressure on the structural stability, electronic structure, band gap engineering and optical properties of LiNbO3: An ab-initio calculation. <a href="https://doi.org/10.1016/j.mtcomm.2020.100919">https://doi.org/10.1016/j.mtcomm.2020.100919</a>	S.S.A. Gillani, Riaz Ahmad, <b>I. Zeba</b> , Islah-uddin, M. Shakil, Muhammad Rizwan, Muhammad Rafique, M. Sarfranz, S.S. Hassan	2020	Materials today communications	2352-4928 (Print)	2.678	<b>23</b>	100919
	<b>Total</b>	<b>38</b>				<b>88.138</b>		

## Department of Zoology

### Published Research Papers in JCR/ISI Impact Factor Journals (only)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Influence of gamma radiation on nutritional quality and shelf life of fresh red chilies (capsicum annum)	Kaleem A, Shafique R, Iqtedar M, Abdullah R, Saleem F, Aftab M, Shagufta Naz, Sharif S, Alyas S, Naz S.	2020	Progress in Nutrition	1129-8723	0.38	22	4
2.	Association of	Naz S,	2020	Critical	1045-	2.09	30	285-289

	interleukin 10 (IL-10) gene with type 2 diabetes mellitus by single nucleotide polymorphism of its promotor region G/A 1082.	Shafique N, Sharif S, Manzoor F, Safi S M, Firasat S, Kaul H		Reviews in Eukaryotic Gene Expression,	4403			
3.	Biosynthesis, optimization and characterization of ZnO nanoparticles using <i>Bacillus cereus</i> MN181367 and their antimicrobial activity against multidrug resistant bacteria	Iqtedar M, Riaz H, Kaleem A, Abdullah R, Aihetasham A, Naz S, Sharif S	2020	Revista Mexicana de Ingeniería Química	1665-2738	1.139	19	256-266
4.	Genetic mapping of autosomal recessive microspherophakia to chromosome 14q24.3 in a consanguineous Pakistani family and screening of exon 36 of LTBP2 gene.	Shahzadi M, Firasat S, Kaul H, Afshan K, Afzal R, Naz S	2020	<i>J Pak Med Assoc.</i>	0030-9982	0.570	70	515-518
5.	A novel target anti-interleukin-13 receptor subunit alpha-2 monoclonal antibody inhibits tumor growth and metastasis in lung cancer.	Ghulam Raza, <b>Fakhar-un-Nisa Yunus*</b> , Hitesh Bhagavanbhai Mangukiya, Siva Bharath Merugu, Dhahiri Saidi Mashausi, Wang Zeling, Hema Negi, Bingjie Zhou, Debmalya Roy, Zhenghua Wu, Dawei Li	2020	<i>International Immunopharmacology</i>  <b>DOI: 10.1016/j.intimp.2020.107155.</b>	1878-1705, 1567-5769	3.943	90	
6.	Emerging Novel Coronavirus is a Global Threat: Insight in the Biology of COVID-19 and its Hijacking Process of	Debmalya Roy, Ipshita Khanra, Wang Zeling, Siva Bharath Merugu, <b>Fakhar-un-</b>	2020	<i>Current Pharmaceutical Design</i> , <a href="https://doi.org/10.2174/1381612826666200909141725">https://doi.org/10.2174/1381612826666200909141725</a>	1381-6128, 1873-4286	2.575	26: 1	



	Hosts' Cell.	<b>Nisa Yunus,</b> Dhahiri Saidi Mashaui, Dawei Li						
7.	Cloning, expression, purification and characterization of soluble bioactive recombinant human anterior gradient homolog 2-DsRed monomer protein in <i>E. coli</i> .	Bingjie Zhou, Hitesh Bhagavanbhai Mangukiya, Yuchen Fan, <b>Fakhar-un-Nisa Yunus,</b> Siva Bharath Merugu, Zhenghua Wu, Dawei Li.	2020	<i>Pakistan Journal of Zoology</i> DOI: <a href="https://dx.doi.org/10.17582/journal">https://dx.doi.org/10.17582/journal</a>		0.750	52	
8.	Cardiac toxicity of heavy metals (cadmium and mercury) and pharmacological intervention by vitamin C in rabbits	Shaukat Ali, Zubia Awan, Shumaila Mumtaz, Hafiz Abdullah Shakir, Farooq Ahmad, Mazhar Ulhaq, Hafiz Muhammad Tahir, Muhammad Siddique Awan, <b>Saima Sharif,</b> Muhammad Irfan, Muhammad Adeeb Khan,	2020	Environmental Science and Pollution Research. DOI <a href="https://doi.org/10.1007/s11356-020-09011-9">https://doi.org/10.1007/s11356-020-09011-9</a> .		2.914		
9.	Assessment of abnormalities in lipid profiles of patients with chronic kidney disease from different hospitals of Lahore, Pakistan: A case control study.	M. Arshad, F. Manzoor, Ghazala Jabeen, Z. Kanwal, U. Javed, F. Butt	2020	Journal of Pakistan Medical Association	0030-9982	0.409	70	1838-1840
10.	Thiamethoxam at sublethal concentrations induces histopathological, serum	R. Hussain, A. Ghaffar, G. Abbas, <b>Ghazala Jabeen,</b> I. Khan, R. Z.	2020	Toxin Reviews	1556-9543	2.851	39	1-12

	biochemical alterations and DNA damage in fish ( <i>Labeo rohita</i> ).	Abbas, S. Noreen, Z. Iqbal, I. Rasheed, H. M. Ishaq , M. T. Ghori & A. Khan						
11.	Prevalence of New Delhi Metallo Beta-Lactamase (NDM) Producing Gram-Negative Bacteria from Different Tertiary Care Hospitals in Lahore, Pakistan	<b>Rashid, Farzana;</b> Masood, Rabia; Faiz, Mariam	2020	Pakistan Journal of Zoology	DOI: <a href="https://dx.doi.org/10.17582/journal.pjz/20190201050207">https://dx.doi.org/10.17582/journal.pjz/20190201050207</a> *	0.7	52(3)	p1209-1212
12.	Biochemical investigation of hydatid cyst fluid from ruminants and humans in punjab, Pakistan	<b>Asma Abdul Latif</b> , Muhammad M., Akhtar T., Muhammad S, R. and Shafaq F	2020	<i>The J. of Anim. Plant Sci.</i>	1018-7081	0.481	30(6)	1402-1407
13.	Clinico-pathological and hemato-biochemical assessment of field originated chicken anemia virus in experimentally challenged birds	Syed M.N., Mutti.R.K., Asim A., Ali A.S., Arfan A., <b>Asma Abdul Latif</b> , and Ahsan A.	2020	<i>Indian journal of animal research</i>	0976-0555	0.420	1	1- 5
14.	A study on biochemical profiles of hydatid cyst fluids from ruminants and humans in Punjab, Pakistan.	Latif. A.A., Mansha, M., Tanveer, A., Rana, M.S. and Fatima, S.		The Journal of Animal and Plant Sciences	2309-8694	0.481	30(6)	1402-1407
15.	Ethanol extract of propolis and vitamin E attenuates metal-induced testicular necrosis: time-related study on male reproductive system in albino mice	S. Sajjad, L. Saeed, H. Malik, U. Farooq & S. Akhtar	2020	The European Zoological Journal	138-147,	1.65	87:1	
16.	Biosynthesis, characterization and anti-dengue vector activity	Shafqat Rasool, Muhammad Akram	2020	Royal Society Open Science	<a href="https://doi.org/10.1098/rsos.200540">2054-5703</a>	2.515	7(9)	200540

	of silver nanoparticles prepared from <i>Azadirachta indica</i> and <i>Citrullus colocynthis</i>	Raza, Farkhanda Manzoor, <b>Zakia Kanwal</b> , Saira Riaz, Muhammad Javaid Iqbal, Shahzad Naseem						
17.	Assessment of abnormalities in lipid profiles of patients with chronic kidney disease from different hospitals of Lahore, Pakistan: A case control study	Mateen Arshad, Farkhanda Manzoor, Ghazala Jabeen, <b>Zakia Kanwal</b> , Ummarah Javed, Faiza Butt	2020	Journal of the Pakistan Medical Association	0030-9982	0.409	70(10)	1838-1840
18.	A study on lethal doses of various pesticides on honeybees ( <i>Apis mellifera</i> L.)-a laboratory trial	Mahnoor Pervez and Farkhanda Manzoor	2020	Physiological Entomology	1365-3032	1.8	46 (1)	34 - 44
<b>Total</b>		<b>18</b>				<b>26.077</b>		

#### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Assessment of Calcium in young subjects and its association with obesity.	<b>Saima Sharif</b> , Nimra Parveen, Shagufta Naz, Tasnim Farasat, Farkhanda Manzoor, Asma Abdul Latif, Farzana Rashid,	2020	Biologia		X	<b>66(1)</b>	85-91.
<b>Total</b>							<b>01</b>	

#### Number of Research Papers Published In Other Journals

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	Cubic to pseudo-cubic tetragonal phase transformation with lithium and beryllium doping in CaTiO <sub>3</sub> and its impact on	Zeba, N Bashir, Riaz Ahmad, M Shakil, M Rizwan, M Rafique, <b>Farzana Rashid</b> and	2020	Bulletin of Materials Science	DOI : 10.1007/s12034-020-02222-3		43(1)		

electronic and optical properties: a DFT approach	S.S.A Gillani							
<b>Total:</b>	<b>01</b>							

❖ **FACULTY OF PHARMACEUTICAL AND ALLIED HEALTH SCIENCES**

**Institute of Pharmacy**

Published Research Papers in **JCR/ISI Impact Factor Journals (only)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Population Pharmacokinetics of Ciprofloxacin in Pakistani patients suffering from Enteric Fever.	Rabia Saleem, Humaira Majeed Khan, Muhammad Usman, Muhammad Imran Khokhar, Huma Rasheed, Rizwan Rasool Khan, Mateen Abbas	2020	International Journal of Clinical Pharmacology and Therapeutics	0946-1965	1.366		DOI: 10.5414/CP203823
2.	Amelioration hyperglycaemia and modulation of pro inflammatory cytokines by Tamarix gallica fractions in alloxan induced diabetic rats	Maryam Malik, Ali Sharif*, Saeedul Hassan, Faqir Muhammad, Humaira Majeed Khan Bushra Akhtar and Myeda Saeed	2020	Archives of Physiology and Biochemistry	1744-4160	2.575		DOI: 10.1080/13813455.2020.1788099
3.	Berberis Lyceum royle. Extracts attenuate inflammation and modulates hyperglycemia in alloxan induced diabetic rats	Maryam Zaib, Ali Sharif*, Bushra Akhtar Humaira Majeed Khan, Muhammad Furqan Akhtar, Wasim Hassan, Faisal Razzaq, Sajid	2020	Pakistan Journal of Pharmaceutical Sciences	1011-601X	0.596	33(4)	1805-1831

		Nawaz and Naeem Qaisar						
4.	Antioxidant and Wound Healing Potential of Essential Oil from Citrus reticulata Peel and Its Chemical Characterization . Medicinal Values of Peels Essential Oil	Maham Ishfaq, Bushra Akhtar, Faqir Muhammad, Ali Sharif, Muhammad Furqan Akhtar, Irfan Hamid, Kashif Sohail, Hosh Muhammad	2020	Current Pharmaceutical Biotechnology	1873-4316	2.2		10.2174/13892010219
5.	Tylophora hirsuta (Wall.) extracts ameliorates diabetes associated with inflammation in alloxan induced diabetic rats	Faisal Razzaque, Ali Sharif*, Bushra Akhtar, Humaira Majeed Khan, Muhammad Furqan Akhtar, Maryam Zaib, Abdullah Muhammad, Kashif Sohail, Irfan Hamid and Naeem Qaisar	2020	Endocrine, Metabolic & Immune Disorders - Drug Targets	<b>1871-5303</b>	2.03		DOI: 10.2174/1871530320666200821154340
6.	Preventive effect of Euphorbia royleana Boiss on diabetes induced by streptozotocin via modulating oxidative stress and deoxyribonucleic acid damage	Mehroz Zafar, Ali Sharif*, Darosham Khan, Bushra Akhtar, Faqir Muhammad, Muhammad Furqan Akhtar & Tuktum	2020	TOXIN REVIEWS	1556-9551	2.851		DOI: 10.1080/15569543.2020.1780262

		Fatima						
7.	Pharmacokinetic profile of chitosan modified poly lactic co-glycolic acid biodegradable nanoparticles following oral delivery of gentamicin in rabbits	Bushra Akhtar, Faqir Muhammad, Bilal Aslam, Muhammad Kashif Saleemi, Ali Sharif	2020	International Journal of Biological Macromolecules	0141-8130	5.58	164	1493-1450
8.	Biodegradable nanoparticle based transdermal patches for gentamicin delivery: Formulation, characterization and pharmacokinetics in rabbits	Bushra Akhtar, Faqir Muhammad, Bilal Aslam, Muhammad Kashif Saleemi, Ali Sharif	2020	Journal of Drug Delivery Science and Technology	1773-2247	2.734		doi.org/10.1016/j.jddst.2020.101680
9.	alpha-Glucosidase Inhibitory, Anti-Oxidant, and Anti-Hyperglycemic Effects of Euphorbia nivulia-Ham. in STZ-Induced Diabetic Rats	Muhammad Younus, Muhammad Mohtasheem ul Hasan, Khalil Ahmad, Ali Sharif, Hafiz Muhammad Asif, Muhammad Rahil Aslam, Ihsan ul Haq, and Zulfiqar Ahmad	2020	Dose-Response	1559-3258	2.438	18(3)	
10.	Delonix regia a Folklore Remedy for Diabetes; Attenuates Oxidative Stress and Modulates Type II Diabetes	Darosham Khan, Ali Sharif*, Mehroz Zafar, Bushra Akhtar, Muhammad Furqan	2020	Current Pharmaceutical Biotechnology	1873-4316	2.097		10.2174/1389201021666200217112244

	Mellitus+C11	Akhtar, Sana Awan						
11.	Phytochemical, anti-inflammatory, anti-nociceptive and cytotoxic basis for the use of Haloxylon stocksii	Sohaib Peerzada, Muhammad Tanveer Khan, Muhammad Furqan Akhtar, Ammara Saleem, Irfan Hamid, Ali Sharif, Bushra Akhtar, Sajid Ali, Shoaib Ahmed, Moosa Raza	2020	Pakistan Journal of Pharmaceutical Sciences	1011-601X	0.596		doi.org/10.36721/PJPS.2020.33.2.SUP
12.	Chemical characterization, antioxidant evaluation, and antidiabetic potential of Pinus gerardiana (Pine nuts) extracts	Faiqa Zulfqar, Muhammad F. Akhtar, Ammara Saleem, Bushra Akhtar, Ali Sharif, Uzma Saleem	2020	Journal of Food Biochemistry	1745-4514	1.552		DOI: 10.1111/jfbc.13199
13.	Amelioration of rheumatoid arthritis by Anacardium occidentale via inhibition of collagenase and lysosomal enzymes	Naz R, Ahmed Z, Shahzad M, Arham Shabbir, Kamal F	2020	Evidence-Based Complementary and Alternative Medicine	1741-4288	1.813		8869484
14.	Evaluation of immunomodulatory and anti-arthritic potential of Trigonella gharuensis extracts	Mobashar A, Arham Shabbir*, Shahzad M, Saeed-ul-Hassan	2020	Evidence-Based Complementary and Alternative Medicine	1741-4288	1.813		8836080
15.	Complementary and Alternative Medicine for	Arham Shabbir	2020	Evidence-Based Complementary	1741-4288/1741-427X	1.813		Lead Editor <a href="https://www.hindawi.com/journals/ecam/si/742">https://www.hindawi.com/journals/ecam/si/742</a>

	Ameliorating Bone and Joint Disorders			ntary and Alternative Medicine				367/
16.	Investigation and comparison of anti-inflammatory activities of different extracts of cymbopogon citratus using various in vivo models	Muhammad Abbas, Muhammad Tayyab Ansari, Saeed-ul-hassan, Arham Shabbir*	2021	Pakistan Journal of Botany	0556-3321	0.8	53(1)	217-226
17.	Amelioration of airway inflammation and pulmonary edema by Teucrium stocksianum via attenuation of pro-inflammatory cytokines and up-regulation of AQP1	Ijaz B, Arham Shabbir*, Shahzad M, Mobashar A, Sharif M, Basheer MI, Tareen RB, Syed N	2021	Respiratory Physiology & Neurobiology	1569-9048	1.591	284	103569
18.	Rapid emergence of antibacterial resistance by bacterial isolates from patients of gynecological infections in Punjab, Pakistan	Ammar Sarwar, Mobasher A. Butt, Saira Hafeez, Muhammad Z. Danish	2020	Journal of Infection and Public Health	1876-0341	2.447	13(10)	1972-1980
19.	Comparative safety and efficacy of conventional interferon versus pegylated-interferon based therapy for HCV: A retrospective cohort study from	Usman Iftikhar, Mobasher Ahmed, Hamid Saeed, Nouman Saleem, Afzaal Bashir, Muhammad Shahid Farooq, Sairah Hafeez	2020	Pakistan Journal of Pharmaceutical Sciences	1011-601X	0.596	33(5)	2037-2045
20.	Improvement of Physico-mechanical and	Sumera Latif , Qazi Amir Ijaz ,	2020	Journal of Drug Delivery	1773-2247	2.7		



	pharmacokinetic attributes of naproxen by cocrystallization with L-alanine	Misbah Hameed , Qurat-ul-ain Shoaib , Kanwal Fatima , Amjad Hussain , Muhammad Sohail Arshad, Nasir Abbas		Science and Technology				
21.	Mechano chemical activation of oxcarbazepine for the enhancement of solubility and dissolution rate	Amjad Hussain, Javeria Khalid, Muhammad S Arshad, Sidra Noreen, Nasir Abbas, Sumera Latif	2020	American Journal of Pharmacy	2362-3853	0.24	39(5)	963-968
22.	Development and characterization of taste masked orodispersible film of chlorpromazine hydrochloride	Uzma Barkat, Sumera Latif, Hafsa Afzal, Nasir Abbas, Shaista Qamar, Rahat Shamim, Amjad Hussain	2020	Acta Polonica Pharmaceutica	0001-6837	0.45		
23.	Knowledge and attitude of health care professionals towards electronic prescribing system in a public sector hospital of Lahore, Pakistan.	Varda Zaffar, Yusra Anwar, Sahar Ilyas, Eesha Sajid, Bushra Ali Sherazi.	2020	Journal of the Pakistan Medical Association	0030-9982	0.573	70(2)	376-380
24.	Development of a validated method for simultaneous quantification of clarithromycin	Qazi Ijaz, Nasir Abbas, Sumera Latif, Amjad	2020	Acta Polonica Pharmaceutica	0001-6837	0.45		

	and levofloxacin by high performance liquid chromatography-diode array detector	Hussain, Muhammad Arshad, Ejaz Ali, Memona Rashid, Kashif Sohail, Sohail Riaz, Nadeem Bukhari						
25.	Amelioration of Bleomycin and Methotrexate-Induced Pulmonary Toxicity by Serratiopeptidase and Fisetin	Muhammad Shahbaz, Sairah Hafeez Kamran & Rukhsana Anwar	2020	Nutrition and Cancer	1532-7914	2.363		1-10
<b>Total</b>		<b>25</b>				<b>44.264</b>		

Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Antimicrobial and Antidiabetic evaluation of Dicliptera bupleuroides Nees	Muhammad Ajaib, Pakeeza Rehman, Sairah Hafeez Kamran, Samia Abid, Faiza Shafi and Khizar Hayat Bhatti	2020	Bioscience Research	2218-3973	Y	17(4)	2844-2855
2.	Prevalence and management of polycystic ovary syndrome and its association with demographics	Sadeeqa, S., Irshad, K., Arshad, H., Ammara, U., Fiaz, R., Islam, N., & Sherazi, B.	2020	Pakistan Armed Forces Medical Journal	2411-8842	Y	70(2)	498-502
<b>Total</b>		<b>2</b>						

❖ **FACULTY ENGINEERING & TECHNOLOGY**

**Department of Computer Sciences**

Published Research Papers in **JCR/ISI Impact Factor Journals (only)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
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1.	Agent-Based Energy Consumption Scheduling for Smart Grids: An Auction-Theoretic Approach	AYESHA AFZAAL , FARIA KANWAL , AYESHA HAIDER ALI , KOMAL BASHIR , AND FATIMA ANJUM	2020	IEEE ACCESS	2169-3536	3.745	Volume: 8	73780 - 73790
2.	Real-Time, Content-Based Communication Load Reduction in the Internet of Multimedia Things	Iffrah Tanseer, Nadia Kanwal, Mamoona Naveed Asghar , Ayesha Iqbal, Faryal Tanseer and Martin Fleury	2020	MDPI Applies Sciences	2076-3417	2.474	10	1-30
3.	Ubiquitous healthcare: a systematic mapping study	Saleemi, M., Anjum, M. & Rehman, M.	2020	Journal of Ambient Intelligence Human Computing .		4.59		
4.	SpeakerNet for Cross-lingual Text-Independent Speaker Verification	Hafsa Habib, Huma Tauseef, Muhammad Abuzar Fahiem, Saima Farhan, Ghousia Usman	2020	Archives of Acoustics	0137-5075	0.917	45(4)	573-583
5.	Convolutional Neural Network Based Prediction of Conversion from Mild Cognitive Impairment to Alzheimer's Disease: A Technique using Hippocampus Extracted from MRI	Gulshan Mukhtar, Saima Farhan	2020	Advances in Electrical and Computer Engineering	1582-7445	1.102	20(2)	113-122
6.	Towards Estimation of Emotions From Eye Pupillometry with Low-Cost Devices	Sidra Rafique, Nadia Kanwal, Irfan Karamat, Mamoona N. Asghar, Martin FLEURY	2020	IEEE Access	2169-3536	3.745	9	5354-5370

<b>Total</b>	<b>06</b>	<b>16.573</b>
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Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	E-Learning Adoption and Acceptance in Pakistan: Moderating Effect of Gender and Experience	Faria Kanwal, Mariam Rehman, Malik Muhammad Asif	2020	Mehran University Research Journal of Engineering and Technology,	ISSN 2413-7219.	Y	39	324-341
<b>Total</b>		<b>01</b>						

Number of Research Papers Published In **Other Journals**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	Multi interactive chatbot communication framework for health care	Zojan Memon, Fahima Tahir, Sanaullah Dehraj, Fozia Noureen, Akhtar Hussain Jalbani, Khuda Bux Jalbani, and Ghulam Hussain Jalbani	April 2020	International Journal of Computer Science and Network Security (IJCSNS)	1738-7906	24(4)	121-124	No	yes
2.	WoT Communication Protocol Security and Privacy Issues	Sadia Murawat, Fahima Tahir, Maria Anjum, Mudasar Ahmed Soomro, Saima Siraj, Zojan Memon, Anees Muhammad, Khuda Bux	March 2020	International Journal of Advanced Computer Science and Applications (IJACSA)	2156-5570	11(3)	155-161	No	yes
<b>Total</b>		<b>02</b>							

**Department of Electrical Engineering**

Published Research Papers in **JCR/ISI Impact Factor Journals (only)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Secure indoor traffic modeling in long-term evolution femtocell networks using efficient Markov decision process	Iqra Manzoor, Sadia Murawwat, Muhammad Majid et al	2020	Transactions on Emerging Telecommunication Technologies	2161-3915	1.594	Special issue	1-14

2.	Robust Synchronization of Chaotic Nonlinear Systems Subjected to Input Saturation by Employing Nonlinear Observers-Based Chaos Synchronization Methodology	Muntazir Hussain Khan, Muhammad Siddique, Zeashan Hameed Khan, <b>Muhammad Taskeen Raza</b> & Muhammad Usman Hashmi	2020	Arabian Journal for Science and Engineering	2193-567X	1.711	45	6849–6863
3.	Digital Control of Grid-Tied Photovoltaic Micro-Inverters	R. Nazir, <b>A. Shabbir</b> , A. Nazir, A. K. Fahad and A.H. Kazim	2020	Electric Power Components and Systems	1532-5016, 1532-5008	1.16	11	1-11
4.	Effects of oxyhydrogen gas induction on the performance of a small capacity diesel engine	A. H. Kazim, M. B. Khan, R. Nazir, <b>A. Shabbir</b> , M. S. Abbasi, H. A. Rab, and N. Shahid,	2020	Science Progress	2047-7163 0036-8504	1.5	103	1-14
5.	Efficiency enhancement of a thermophotovoltaic system integrated with a back surface reflector	A.H. Kazim, M. Asif, Z. Shoukat, K. Nadeem, R. Nazir and <b>A. Shabbir</b>	2020	IEEE Access	2169-3536	3.75	8	153226-153239
6.	Performance and Emission Analysis of High Purity Biodiesel blends in Diesel Engine	M.B. Khan, A.H. Kazim, <b>A. Shabbir</b> , M. Farooq, H. Farooq, Q. Ali, Muhammad R. Danish, N.S. Qureshi and H.A. Rab	2020	Advances in Mechanical Engineering	1687-8132 1687-8140	1.16	12 (11)	1-10
7.	Thermoelectric waste heat recovery of an automotive IC engine using (Na, K) co-doped polycrystalline tin selenide (SnSe)	M.I. Khan, A.H. Kazim, G.M. Uddin, J. Sarwar, M. Farooq, M.R. Danish and <b>A. Shabbir</b>	2020	Thermal Science	0354-9836	1.57	25	407-419
8.	Deformation of emulsion droplet with clean and particle covered interface under an electric field	M. S. Abbasi, H. Farooq, H. Ali, A. H. Kazim, R. Nazir and <b>A. Shabbir</b>	2020	Materials	1996-1944	3.06	13	2984
	<b>Total</b>	<b>08</b>				<b>15.505</b>		

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Comprehensive analysis and synthesis of time delay compensated deadbeat control strategy	R. Nazir, A. Nazir, <b>A. Shabbir</b> and A.H. Kazim	2020	SN Applied Sciences	2523-3963 2523-3971	Y	2	268
<b>Total</b>		<b>01</b>						

**❖ FACULTY OF MANAGEMENT AND ADMINISTRATIVE SCIENCES**

**Management Science Department**

Published Research Papers in **JCR/ISI Impact Factor Journals (only)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Ethical leadership in sustainable organizations: The moderating role of general self-efficacy and the mediating role of organizational trust.	<b>Sehrish Ilyas</b> , Ghulam Abid, Fouzia Ashfaq	2020	Sustainable Production and Consumption	2352-5509	3.66	22	195-204
2.	Antecedents and mechanism of employee well-being for social sustainability	Abid, Ghulam, Saira Ahmed, Natasha Saman Elahi, and <b>Sehrish Ilyas</b>	2020	Sustainable Production and Consumption	2352-5509	3.66	24	79-89
3.	Impact of perceived organizational support on work engagement: Mediating mechanism of thriving and flourishing.	Muhammad Yasir Imran, Natasha Saman Elahi, Ghulam Abid, Fouzia Ashfaq & <b>Sehrish Ilyas</b>	2020	Journal of Open Innovation: Technology, Market, and Complexity	2199-8531	4.7	6	No. 82
4.	Workplace Respect and Organizational Identification: A Sequential Mediation	Maryam Rehmat, Ghulam Abid, <b>Fouzia Ashfaq</b> , Bindu Arya, Saira Farooqi	2020	International Journal of Innovation, Creativity and Change	2201-1323	0.26	14	446-471
5.	Upholding knowledge sharing for organizational innovation efficiency in Pakistan	Ayesha Fayyaz, Beenish Neik Chaudhry, Muhammad Fiaz	2020	Journal of Open innovation: Technology, market, and complexity	21998531	4.21	7	4

6.	What is Core and What Future Holds for Blockchain Technologies and Cryptocurrencies: A Bibliometric Analysis	Adeel Nasir, Kamran Shaukat, Kanwal Iqbal Khan, Ibrahim A. Hamid, Talha Mahmood Alam, Suhuai Luo	2020	<i>IEEE Access</i>	2169-3536	3.745	9	989-1004
7.	A Bibliometric Analysis of Corona Pandemic in Social Sciences: A Review of Influential Aspects and Conceptual Structure	Adeel Nasir, Kamran Shaukat, Ibrahim A. Hamid, Suhuai Luo, Talha Mahmood Alam, Farhat Iqbal	2020	<i>IEEE Access</i>	2169-3536	3.745	8	133377-133402
8.	Product Innovations through Ambidextrous Organizational Culture with Mediating Effect of Contextual Ambidexterity: An Empirical Study of IT and Telecom Firms	Fiaz Muhammad, Amir Ikram, Syed Khurram Jafri and Kanwal Naveed		<i>Journal of Open Innovation: Technology, Market, and Complexity</i>	2199-8531	4.21	7	9
9.	Supervisor bottom-line mentality and subordinates' unethical pro-organizational behavior	Mobina Farasat and Akbar Azam	2020	Personnel Review	0048-3486,	2.074		
10.	Supervisor bottom-line mentality, workaholism, and workplace cheating behavior: the moderating effect of employee entitlement.	Mobina Farasat, Akbar Azam, Hamid Hassan	2020	Ethics & Behavior	1532-7019, 1050-8422	1.120		1-15
11.	The Balance between Work and Life for Subjective Well-Being: A Moderated Mediation Model.	Zameer ul Hassan M Imran Khan Tahira Hassan Butt Ghulam Abid Saqib Rehman	2020	Journal of Open Innovation: Technology, Market, and Complexity	2199-8531	4.21	6	127
	<b>Total</b>	<b>11</b>				<b>35.594</b>		

Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Impact of Consumer Preference on Brand Loyalty: Mediating Role of Advertisement Effectiveness	Zainab Ashraf, Rabia Asif	2020	NUML International Journal of Business & Management	2410-5392	Y	15(2)	70-81
2.	An Estimation of the Presence of Contagion in Islamic and Conventional Banks of Pakistan Using DCC-GARCH Model	Rabia Asif, dr. Waheed Akhter, Sabahat Nisar	2020	Paradigms	1996-2800	Y	14(1)	86-89
3.	Conceptualizing the Perceived Meaning of Workplace Spirituality and Religion in Higher Education Institutions	Sobia Sultana, <b>Sehrish Ilyas</b>	2020	Burjis	2411-4332	Y	7	64-76
4.	Perceived organizational support and job satisfaction: a moderated mediation model of proactive personality and psychological empowerment	Annum Maan, Ghulam Abid, Tahira Butt, <b>Fouzia Ashfaq</b> & Saira Ahmed	2020	Future Business Journal	2314-7210	Y	6	No 21
5.	Perceived Effectiveness of Tenure Track System and Basic Pay Scale among Academic Staff of Higher Education Institutions.	Sobia Sultana & Shaista Jabeen	2020	Journal of Management and Research	E-ISSN:2519-7924. P-ISSN:2218-2705	Y	7	110-131
6.	COVID-19: The Pandemic's Impact on Economy and Stock Markets	Jabeen, S. & Farhan, M	2020	Journal of Managerial Sciences	1992-4364, 1998-4642	Y	14	29-43
7.	Causes and Consequences of Workplace Stress Among University Teachers	Dr Farida Faisal, Nadia Noor, Amtul Khair	2020	Bulletin of Education and Research	ISSN-0555-7747	Y	43	45-60
8.	Socio-Economic Variables: Main Cause of Horizontal Hostility Among Women Entrepreneurs in Agriculture Sector of Pakistan	Nadia Noor, Dr Farida Faisal	2020	International Journal of Management	ISSN-0976-6510	Y	11	1943
9.	Does Stock Market Explain the CSR Announcements to Investors? Or is it	Adeel Nasir, Muhammad Aamir, Muhammad	2020	Journal of Business & Economics	2075-6909	Y	12	01-12



	Just an Absurd Relation?	Usman						
10.	Impact of loan accessibility on working capital management and profitability: comparative study of family versus non-family firms	Kanwal Iqbal Khan, Adeel Nasir, Aniqa Arsalan	2020	Global Social Sciences Review (GSSR)	2616-793X	Y	5	220-230
11.	What if it is too negative? Managing emotions in the organization	Saqib Rehman M Ali Hamza Leena Anum Farah Sheik Zaid Ahmed Hussain Khan Zahida Farooq	2020	Management Science Letters	1923-9343	X	Accepted DOI: 10.5267/ j.msl.20 20.12.02 4	
12.	Drivers for Non-Profits' Success: Volunteer Engagement and Financial Sustainability Practices through the Resource Dependence Theory	<b>Sehrish Ilyas,</b> Mattiullah Butt, Fouzia Ashfaq , & Maran, D. Acquadro	2020	Economies	2227-7099	X	8	101
13.	Organizational justice and employees' performance : A study of an emerging economy	Fiaz Muhammad, Rasool,Wasif Ikram, Amir Rehman, Nabee	2020	Human Systems Management	0167-2533	Y		1-12
14.	Volunteering: what drives and retains it? An analysis of motivational needs together with organizational policies and practices	Fouzia Ashfaq, Mattiullah Butt, & <b>Sehrish Ilyas</b>	2020	Qualitative Research Journal	1443-9883	X	20	
15.	Barriers Involves in the energy efficiency in manufacturing industries of Pakistan	Sohaib Zafar, Muhammad Fiaz Amir Ikram Kanwal Iqbal Khan	2020	International Journal of Energy Economics and Policy	2146-4553,	X		
16.	Does Diversification affect Financial Stability? Evidence from Islamic and Conventional Banks	Rabia Asif Dr. Waheed Akhter Zunaina Muhammad Fiaz	2020	International Journal of Trade and Global Markets	1742-755X,1742-7541	X		
<b>Total:</b>		<b>16</b>						

### Department of Public Administration

Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Exploring the influence of HRM Practices on Employee motivation in public organizations: A systematic Literature review.	Sobia Sultana., Yammina Salman., & Sidra Irfan	2020	Global Management Journal for Academic & Corporate Studies (GMJACS)	2219-6145	Y	10	143-163
2.	Conceptualizing the Perceived Meaning of Workplace Spirituality and Religion in Higher Education Institutions.	Sobia Sultana Sehrish Ilyas	2020	Bannu University Research Journal in Islamic Studies (Burjis)	2411-4332	Y	7	64-76
3.	The Effect of Transformational Leadership in promoting Organizational Citizenship Behavior in Higher Education Institutions.	Mahwish Amanat & Sobia Sultana	2020	Jinnah Business Review	2070-0296	Z	8	84-96
4.	Perceived Effectiveness of Tenure Track System and Basic Pay Scale among Academic Staff of Higher Education Institutions.	Sobia Sultana & Shaista Jabeen	2020	Journal of Management and Research	E-ISSN:22519-7924. P-ISSN: 2218-2705	Y	7	110-131
<b>Total</b>		<b>04</b>						

## ❖ FACULTY OF ARTS & SOCIAL SCIENCES

### Department of Applied Psychology

#### Published Research Papers in JCR/ISI Impact Factor Journals (only)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Problem-Focused Coping Strategies, Workplace Bullying, and Sustainability of HEIs.	Muazzam, A., Anjum, A. & Visvizi, A.	2020	<i>Sustainability</i>	ISSN: 2071-1050	2.576	12(24)	10565
2.	Impact of hearing impairment on psychological distress and subjective well-being in older adults.	Niazi, Y., Ejaz, B. & Muazzam, A.	2020	<i>Pakistan Journal of Medical Sciences</i>	ISSN: 1682-024X	0.754	36(6)	1210-1215
3.	Linking Work-Family Conflict (WFC) and Talent Management: Insights from a Developing Country.	Ahmad, M., Muazzam, A., Anjum, A., Visvizi, A. & Nawaz, R.	2020	<i>Sustainability</i>	ISSN: 2071-1050	2.576	12(7)	2861
4.	Measuring the Scale and	Ejaz, B.,	2020	<i>Sustainability</i>	ISSN: 2071-	2.576	12(6)	2164

	Scope of Social Anxiety among Students in Pakistani Higher Education Institutions: An Alternative Social Anxiety Scale.	Muazzam, A., Anjum, A., Pollock, G. & Nawaz, R.			1050			
<b>Total</b>		<b>04</b>					<b>8.482</b>	

Number of Research Papers Published In **HEC Recognized Journals(X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Development of Psychometric Properties of Overeating Situations Scale (OSS).	Ahmed, S. & Muazzam, A.	2020	<i>Journal of Behavioural Sciences</i>	1028-9097	Y	30(2)	
2.	Mode of Insulin, Gender and Education as Determinant of Psychosocial Problems of Patients with Type II Diabetes.	Ijaz, S., Malik, S. & Muazzam, A.	2020	<i>Journal of Pakistan Psychiatric Society</i>	ISSN: 1726-8710	Y	17(3)	14-18
3.	Factors of Obesity and Personality Traits among Middle-Aged Women of Lahore.	Ahmad, S., Muazzam, A. & Anjum, A.	2020	<i>Pakistan Armed Forces Medical Journal</i>	ISSN:0300-9648	Y	70(4)	1153-57
4.	Emotional Intelligence and Life Satisfaction of Teachers Working at Special Education Institutions of Bahawalpur, Pakistan.	Anjum, A., Shoukat, S., Muazzam, A. & Ejaz, B.	2020	<i>Journal of Arts and Social Sciences</i>	ISSN:2414-8512	Y	7(1)	21-27
5.	Urdu Translation and Validation of Self-Concealment Scale	GhayaS, S., Khawaja, A., Ehsan, S.	2020	International Review of Social Sciences	2309-0081	Y	8(12)	196-203
6.	Experienced Grief on Parental Death	Asghar, N., Khawaja, A., & Ghayas, S.	2020	International Review of Social Sciences	2309-0081	Y	8(12)	447-455
7.	An evaluation of psychometric properties of an indigenous anger scale	Kazmi, R., & Siddiqui, S.		Pakistan journal of social and clinical psychology		Y		
8.	The role of gender, empathy, sensation seeking, and callousness in physically aggressive and non-aggressive antisocial behaviours among students.	Saima EmanRod erick Ian Nicolson, Mark Blades and RaviPrakashJha	2020	<i>International E-journal of Criminal Sciences</i>	1988-7949	Y	7	1-22
9.	A Nexus between Student Perception of The Learning Environment and Learning Outcomes in	Nazly, N., Sohail, T., & Batool, H.	2020	Journal of Critical Reviews	2394-5125	Y	7(13)	4734-4744

	Lahore College for Women University of Pakistan							
10.	Development and validation of psychosocial problems scale for type 2 diabetes (PPSTD)	Ijaz, S., Muazzam, A. & Malik, S.	2020	Journal of Pakistan Medical Association	ISSN: 0030-9982	Y	70(6)	964-968
11.	Positive Emotions Scale: Construct Development and Validation.	Shamim, A. & Muazzam, A.	2020	<i>Pakistan Journal of Psychological Research</i>	ISSN: 1016-0604	Y	35(3)	<b>429-454</b>
12.	Adjustment Problems, Depression and Academic Achievement: The Mediating Role of Resilience.	Kazmi, U. & Muazzam, A.	2020	<i>Pakistan Journal of Psychological Research</i>	ISSN: 1016-0604	Y	35(3)	<b>545-557</b>
<b>Total</b>		<b>12</b>						

### Department of Economics

#### Published Research Papers in JCR/ISI Impact Factor Journals (only)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Nexus between tourism and environmental pollution in South Asia: a comparative analysis using time-varying and non-parametric techniques	Aviral Kumar Tiwari, <b>Samia Nasreen</b> Zahid Iqbal	2020	Current Issues in Tourism	17477603	6.047	DOI: 10.1080/13683500.2020.1862070	
2.	Time-varying co-movements between energy market and global financial markets: Implication for portfolio diversification and hedging strategies.	Ahmed H. Elsayed, <b>Samia Nasreen</b> , Aviral Kumar Tiwari	2020	Energy Economics	0140-9883	5.203	90	104847
3.	How do financial globalization, institutions and economic growth impact financial sector development in European countries?	<b>Samia Nasreen</b> , Mantu Kumar Mahalik, Muhammad Shahbaz, Qaisar Abbas	2020	Research in International Business and Finance	0275-5319	1.801	54	101247
4.	Dynamic connectedness between oil prices and stock returns of clean energy and technology	<b>Samia Nasreen</b> , Aviral Kumar Tiwari, Juncal Cunado	2020	Journal of Cleaner Production	0959-6526	6.395	260	121015

	companies	Eizaguirre , Mark E. Wohar						
5.	National innovative capacity and knowledge creation in advanced economies: an empirical investigation	Muhamma d Afzal Hafiz Khalil Ahmad and <b>Bushra Mushtaq</b>	2020	Innovation : The European Journal of Social Science Research	1351-1610	1.279	DOI: <a href="https://doi.org/10.1080/13511610.2020.1828046">https://doi.org/10.1080/13511610.2020.1828046</a>	
	<b>Total</b>		<b>05</b>			<b>20.725</b>		

#### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Analysing spillover between returns and volatility series of oil across major stock markets	Aviral Kumar Tiwari, <b>Samia Nasreen</b> , Subhan Ullah, Muhamma d Shahbaz	2020	International Journal of Finance and Economics	1099-1158	X	DOI: 10.1002/ijfe.1916	
2.	A Wavelet-Based Analysis of the Co-Movement between Sukuk Bonds and Shariah Stock Indices in the GCC Region: Implications for Risk Diversification.	<b>Samia Nasreen</b> , Syed Asif Ali Naqvi, Aviral Kumar Tiwari, Shawkat Hammoud eh and Syed Ale Raza Shah	2020	Journal of Risk and Financial Management	1911-8074	Y	13	63
3.	Tax-structure and economic growth: Middle-income Asian countries analysis	Aisha Nazir, Sofia Anwar, <b>Samia Nasreen</b>	2020	Forman Journal of Economic Studies	1990-391X	Y	16	16-24
	<b>Total</b>	<b>03</b>						

#### Department of History

#### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Textbooks & Nationhood: A Content Analysis of Punjab Secondary Curriculum English Textbooks during Early	Sumaira Noreen, Aqsa Tahir	2020	Journal of Arts and Social Sciences	2414-8512 (online) 2311-293X	Y	7(2)	269-278

	Ayub Khan Era in Pakistan				(Print)			
2.	Enhancing Narrative Writing Ability of a CI Learner with the Help of Picture Stories and Mindmaps	QurratulAin Ershad and Sumaira Noreen	2020	Academic Journal of Social Sciences	ISSN 2521-0149 2519-7983,	Y	4 (4)	940-958
3.	Grow More Food Drive and Secondary Curriculum Developments in Colonial Punjab during Second World War	Sumaira Noreen	2020	Research Journal of Social Sciences & Economics Review	2707-9023 (online) )2707-9015 (Print)	Y	Vol. 1, Issue 4	301-306
4.	Issues Faced by the Cochlear Implanted Students in the Mainstream Classes: An Analysis of Perspectival Accounts of Primary School Teachers	QurratulAin Ershad and Sumaira Noreen	2020	Research Journal of Social Sciences & Economics Review	2707-9023 (online) )2707-9015 (Print)	Y	Vol. 1, Issue 4	257-264
5.	Global Citizenship Education and Gender Depiction in Textbooks: The Case of Punjab Textbook Board's Pakistan Studies and Urdu Textbooks	Aniqa Munir and Dr. Sumaira Noreen	2020	Research Journal of Social Sciences & Economics Review	2707-9023 (online) )2707-9015 (Print)	Y	Vol. 1, Issue 3	72-79.
6.	Evaluating the Importance of Extensive Reading in Second Language Acquisition on the students of Grade 5 in Private Schools of Pakistan	Rifat Saba and Sumaira Noreen	2020	Kashmir Journal of Language Research	1028-6640	Y	Vol. 23 Issue 1	1-20
7.	Factors of Listening Anxiety among the Second Language Learners of Grade 5 in Pakistan	Rifat Saba and Sumaira Noreen	2020	International Journal of Psychosocial Rehabilitation	1475-7192	Y	Vol. 24, Issue 08	15172-15188
8.	Investigating the Effect of Picture Stories and Mind Maps on Narrative Writing Abilities of Cochlear Implanted Students	QurratulAin Ershad and Sumaira Noreen	2020	International Journal of Psychosocial Rehabilitation	1475-7192	Y	Vol. 24, Issue 04	7773-7791
9.	Using Picture Stories and Mind Maps to Improve Narrative Ability of a Ci Student	QurratulAin Ershad and Sumaira Noreen	2020	Sir Syed Journal of Education & Social Research (SJESR),	2706-6525 (Online) )2706-8285 (Print)	Y	Volume-03, Issue-1	106-116
10.	Comparative study of Jinnah and Nehru's political Leadership from 1928-30	Ghularu Shabbir, Muhammad Kashif Ali, Kalsoom Hanif & Imran Alam	2020	Journal of Research society of Pakistan	00345431	Y	57	114-120
11.	State, Religion and	Dr	2020	Pakistan	ARL/I	Y	4-2	842-

	Religious Minorities in Pakistan: Remembering the Participation of Christians in Punjab Legislative Assembly 1947-55	Kalsoom Hanif & Dr Muhammad Iqbal Chawla		<i>Social Sciences Review</i>	NC475 7			851
12.	Forgotten soldier of Pakistan Movement: Reimagining the role of Mian Muhammad Mumtaz Daultana in Colonial and Post-colonial Punjab	Farzanda Aslam, Muhammad Iqbal Chawla, Zabir Saeed, Moazzam Wasti	2020	Journal of the Research Society of Pakistan	0034-5431	Y	Volume no 57(1)	129
<b>Total</b>		<b>12</b>						

#### Number of Research Papers Published in **Other Journals**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	Architectural and Historical Description Of Mughal Monuments at Shahdara "Way Of Kings"	Dr Kalsoom Hanif & Robiqa Abid Bukhari	2020	Ancient Punjab	2218-0540	7	61-69	National	
<b>Total</b>		<b>01</b>							

#### Department of Home Economics

##### Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Extraction and Application of Marigold Dyestuff with (Ocimum tenuiflorum) Oil on Cotton and Polyester Activity against Antibacterial.	Ijaz, M., Sahar, N., Fatima, R., Tariq, Z., Munir Dar, H., & Tariq, M.	2020	Proceedings of the Pakistan Academy of Sciences	0377-2969 2518-4261	Y	57(1)	61-68.
2.	Analyzing protection offered by Nomex against resistance characteristics.	Ijaz, M., & Kishwar, F.	2020	Technical Journal	1813-1786 2313-7770	Y	25(2)	69-75.
3.	Evaluation of antimicrobial activity of Ocimum tenuiflorum leaves on mechanical behavior of fabrics.	Ijaz, M., Maqsood, M., & Naveed, M.	2020	Pure and Applied Biology	538-544	Y	9(1)	538-544.
4.	Effect of weave type on abrasive strength of cotton fiber.	Ijaz, M., Maqsood M., & Sahar, N.,	2020	Pure and Applied Biology	538-544	Y	9(3)	1807-1812
5.	Effect of rinse cycle softener on water vapour transmission of	Ijaz, M., Sahar, N., Rasheed, Z.,	2020	Pure and Applied Biology	538-544	Y	9(4)	2435-2440.

	cotton and polyester.							
6.	Comparison between existing and experimental surgical gowns for mass per unit area by using small samples.	Kishwar, F., Ali, B., Ali, D., & Ijaz, M.,	2020	Pure and Applied Biology	538-544	Y	9(3)	2025-2032.
<b>Total</b>		<b>6</b>						

#### Number of Research Papers Published In Other Journals

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	Assessment of depression among male and female patients with Acne.	Ijaz, M	2020	Journal of the Social Sciences	0253-1097 0975-8935	48 (3)	1820-1824.	--	International
2.	Consumer satisfaction towards sizing system of ready-to-wear in Pakistan. Journal of the Social Sciences	Ijaz, M	2020	Journal of the Social Sciences	0253-1097 0975-8935	48 (3)	2066-2073.	--	International
<b>Total</b>		<b>02</b>							

#### Department of Islamic Studies

##### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	مسلم فیمنیسٹ خواتین اور نصوص کی تعبیر نو: محرکات اور منہج کا مطالعہ	Dr Asia Shabbir Dr Mohsina Munir	June 2020	Al-Qalam	2071-8683	X	25	136 to 167
2.	Examining Islam as a system for peace building and co existence.	Dr. Farhat Aziz	2020	Journal of Islamic research, bahaud Din Zikria university, Multan	2070-0326	X	21	
3.	قرآنی آیات کا داخلی ربط : رچرڈ بیل کا تنقیدی مطالعہ	Prof. Dr. Tufail hashmi Dr. Zahida Shabnum	June 2020	Ma'arif e Islami (AIOU)	1992-8556	X	19	108 – 111
4.	Muslim Feminist Khawateen Aur Nusus Ki Taabeer e Nau	Dr. Asia Shabbir & Dr. Muhsina Munir	2020	Al Qalam, Punjab University Lahore	2071-8683	X	Vol 25 Issue 1	136-167
5.	احادیث مبارکہ میں مواقع کے اعتبار سے الفاظ و تراکیب کا استعمال --معنویت و اثرات کا تجزیاتی مطالعہ	Dr. Saima Farooq	June 2020	Jihat ul Islam	1998-4472	X	2	39 to 50
6.	عالمی یوتھ پالیسی کے بنیادی نکات کا اسلامی	Zulabia Iqbal	June 2020	Epistemology	-2663 5828	Y	7	223 to 256



	تعلیمات کی روشنی میں جائزہ	Dr Mohsina Munir						
7.	استحکام معاشرت میں یوتھ ڈیولپمنٹ کا کردار (مطالعہ سیرت کی روشنی میں)	Zulabia Iqbal Dr Mohsina Munir	Dece mber 2020	Al-Ilm	2618- 1134	Y	4	152 to 167
8.	مغلیہ عہد میں مظلوم کی داد رسی کے لیے بادشاہوں کے اقدامات عدل کا جائزہ	Najma Parveen Dr Mohsina Munir	Dece mber 2020	Jihat-ul- Islam	1998- 4472	Y	14	157 to 168
9.	Islamic Views on Concubinage: Exploring the Rights and Status of Female  Slaves	Dr Tahira Abdul Quddus Khadija Khan Dr Mohsina Munir	Dece mber 2020	Al-Qamar	2664- 438X	Y	3	39 to 50
10.	Political Affairs and model of excellence Hazrat Muhammad SAW	Dr. Farhat Aziz. Dr. Khawar Sultana.	July 2020	Majallah – yi-ta'lim o tahqiq	2618- 1355	Y	2	
11.	Principles for the study of the biography of Holy Prophet(peace be upon Him) and orientalists approach	Dr, Farhat Aziz	2020	Islamic sciences	2707- 7470	Y	3	1-20
12.	Female companions and the love of the Prophet(PBUH)	Dr. Khawar Sultana. Dr. Farhat Aziz	June 2020	Habibia Islamicus	2664- 4916	Y	4	37-46
13.	An evaluation of Islamic foridg policy in Pakistan challenges and prospects.	Dr. Farhat Aziz	2020	Al-Qalam	2071- 8683	Y	25	343- 358
14.	A study of the debate on financial perspective of the Prophet (PBUH)	Dr. Farhat Aziz	2020	Al-Qalam	2071- 8683	Y	3	61-68
15.	Pakistan ki Nazaryati Tashkeel mai Nawab Bahadur Yar Jang Ka Kirdar	Riffi Shafiq& Asia Shabbir	2020	Mujallah Uloom e Islamia Islamia University Bahawalpur	2073- 5146	Y	Vol 27 Issue 1	31-44
	<b>Total</b>	<b>15</b>						

## Department of Mass Communication

### Published Research Papers in JCR/ISI Impact Factor Journals (only)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Precautionary Behavior towards dengue virus through Public Service Announcement: Mediation of	Syed Hassan Raza Moneeba Iftikhar Bahtiar B. Mohamad	2020	SAGE OPEN	ISSN: 2158-2440 Online ISSN: 2158-2440	1.03	10	<a href="https://doi.org/10.1177/2158244020929301">https://doi.org/10.1177/2158244020929301</a>

Individual's Attention, Information Surveillance, and Elaboration	Nilüfer Pembecioğlu u Mohsin Altaf							
<b>Total</b>	<b>01</b>					<b>1.03</b>		

Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Exploring the Policies for Coverage of Minorities Issues in Pakistani Electronic Media	Anjum Zia, Rachel Aruna Joshua	2020	Global Social Sciences Review (GSSR)	p- ISSN: 2520-0348  e- ISSN: 2616-793X	X	Vol. V, No. II	106-114
2.	Emergence of Web Radio in Pakistan: A Historical Perspective	Mustafa Kamal, Anjum Zia, Dr. Arshad Ali	(Jan-June 2020)	Journal of the Research Society of Pakistan	ISSN: 0034-5431	X	Vol. 57	677-683
3.	Femininity in Pakistani Advertising: Portrayal of Gender Relationships & Islamic Values in Pakistani Television Commercials	Moneeba Iftikha  Fakhra Aziz  Faiza Latif	2020	Pakistan Journal of Islamic Research	2070-0326,  2618-0820	X	21	19-32
4.	Educational Motives and Perceived Educational Consequences as Predictors of Facebook Usage	Anjum Zia, Mudassar Hussain, Zaem Yasin	July 2020	Journal Of Media Studies	1812-7592,2 309-9577	Y	Vol. 35(2)	1-31
5.	Role of Social Media in Democratization in Pakistan: An Analysis of Political Awareness, Efficacy and Participation in Youth	Dr. Sumera Batool, Dr. Zaem Yasin, Ms. Aaima Batool	September 2020	International Review of Social Sciences	2309-0081,2 309-0081	Y	Vol. 8 (9)	144-161
6.	Harassment Faced by Female Journalists: A Cross Border Comparative Analysis	Dr. Imran muslim, Dr. Samia manzoor, Dr. Faiza latif	October 2020	International Review of Social Sciences	ISSN 2309-0081	Y	Vol. 8 Issue.10	80-89
7.	Media Violence and Siblings' Aggressive Behavior: Parents' Perception in Pakistan	Dr. Faiza Latif Shumaila Abid Dr. Malik Adnan	June 2020,	Pakistan Social Sciences Review	P-ISSN 2664-0422 O-ISSN 2664-	Y	Vol. 4, No. 2	203-217

					0430			
8.	A Study to Explore the Safety and Professional Challenges Faced by the Field Journalists in Pakistan	Ayesha Siddiqua Dr. Faiza Latif Dr. Imran Muslim	2020	Research Journal of Social Sciences & Economics Review	2319-3565	Y	1 (3)	20-26
9.	Impact of Media on Biradari based Voting in Punjab Province of Pakistan	Dr. Faiza Latif Dr. Muhammad Shabbir Sarwar Dr Imran Muslim	Aug 2020	International Review of Social Sciences	2309-0081	Y	08	201-207
10.	Doctor - Patient Communication Barriers in Pakistan: Interpretative Phenomenological Analysis	Malik Adnan Sumaila Abid Dr. Faiza Latif	2020	Paradigms	1996-2800	Y	14(1)	
11.	Depiction of smart phones consumption in intelligence quest of students	Dr. Imran Muslim Dr. Faiza Latif Dr. M. Shabbir Sarwar	July 2020	International Review of Social Sciences	2309-0081	Y	8(7)	210-217
12.	Escalation in Kashmir Conflict after Burhan Wani's Killing: A Comparative Study of the Coverage by Pakistani and Indian Press	Dr. Faiza Latif Ayesha Siddiqua Urwah Iftikhar	Spring 2020	Sir Syed Journal of Education and Social Research	2706-6525	Y	03(2)	83-90
13.	Portrayal of Violence against Women Rights in Pashtun and Punjab Community: A Comparative Analysis of Daily Express Peshawar and Lahore Edition	Khayam Hassan, Dr. Sajjad Ali, Dr. Faiza Latif	2020	Journal of Arts and Social Sciences		Y	7(1)	67-74
14.	Cultivating Realities through Media: Coverage of Child Sexual Abuse in News and its Impact on Women of Lahore	Dr. Faiza Latif Dr. Irem Sultana Fareena Khan	May 2020	<u>Sir Syed Journal of Education &amp; Social Research</u>	<u>iss1-2020</u>	Y	vol3	227-235
15.	Processing of Political Contents of	Sir Syed Journal of	Summer	Sir Syed Journal of	2706-	Y	3(3)	141-147

	Mass Media: An Analysis under the Elaboration Likelihood Model of Persuasion	Education & Social Research	2020	Education & Social Research	6525			
16.	Discourse on China-Pakistan Economic Corridor in Print Media: The Case Study of American and Indian Press	Dr. Malik Adnan <sup>1</sup> Dr. Faiza Latif <sup>2</sup> Taj Mengal <sup>3</sup>	June 2020	Pakistan Social Sciences Review	P-ISSN 2664-0422 O-ISSN 2664-0430	Y	v4-2	192-202
17.	Health care Media campaigns in Pakistan: knowledge attitude and practice of mother regarding polio immunization	Dr. Faiza Latif, 2Dr. Malik Adnan, 3Dr. Mian Saeed Ahmad	2020 June	International journal of Management research and Emerging Sciences	E-ISSN: 2313-7738, ISSN: 2223-5604	Y	Vol 10, No 2	46-53
18.	Role of Key Stakeholders in the Awareness Campaign of Right to Information (RTI) Act, Punjab	Dr. Zaeem Yasin, Hiba Hassan, Aqdas Waheed	December 2020	Journal of Peace, Development and Communication	2663-7898, 2663-7901	Y	Vol. 4(3)	492-511
19.	Effects of Breaking News on the Quality of Pakistani Television News: A Journalistic Perspective	Arsha Saleem Meer, Urwah Iftikhar, Rao Shahid	2020	International Review of Social Sciences	ISSN 2309-0081	Y	8	145-152
20.	Breast Cancer Awareness Media Campaigns in Pakistan: Knowledge, Attitude and Practices of Women	Arsha Saleem Meer, Rao Shahid, Malik Adnan	2020	Global Regional Review	ISSN (Print) 2616-955X ISSN (Online) 2663-7030 ISSN (Linking) 2616-955X	Y	V	130-137
21.	Role of Pakistani Print Media in Promoting Clean and Green Pakistan Campaign	Moneeba Iftikhar Urwah Iftikhar	2020	Journal of Arts and Social Sciences	E-ISSN: 2414-8512	y		24
22.	Framing of Christchurch Attacks in	Dr. SUMERA BATOOL	October 2020	International Review of Social	ISSN 2309-0081	Y	Vol. 8 Issue.10	62-70

	International Media: A Comparative Analysis of Muslim and Non-Muslim Press	FARRAH- UL- MOMINE EN Ms. AFIFA TANVEER		Sciences				
23.	Public Service Awareness Messages In Developing Precautionary Attitude Towards Breast Cancer Detection Among Pakistani Women	Moneeba Iftikhar  Dr. Zahid Yousaf	2020	Pakistan Journal of Gender Studies	ISSN (Print): 2072- 0394 ISSN (Online ): 2663- 8886	Y	20	59-78
24.	Exploring the Role of Social Media in Dissemination of Agricultural Information and Technologies among Farmers in Pakistan: A Diagnostic Study of Sahiwal District	Faiza Ltif  Moneeba Iftikhar  Alia Shahzadi	2020	Journal of Agricultural Research	0368- 1157,  2076- 7897	y	58	103- 109
25.	Moderation of Superior- Subordinate Communication: Relationship between Policy- Making and Policy based Attitude towards Implementation	Syed Hassan Raza  Tahir Mahmood  Moneeba Iftikhar	2020	Global Mass Communica tion Review	ISSN(P rint): 2708- 2105 - ISSN( Online) : 2709- 9458 - ISSN- L: 2708- 2105	y	5	15-29
<b>Total</b>		<b>25</b>						

#### Number of Research Papers Published In **Other Journals**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	Fear of War among Newspaper Readers: A Study of Pulwama Incident”	Nimra Gull1 , Sajjad Ali2 , Faiza Latif3 & Fazal Rahim Khan4	2020	Asian Social Science	<b>ISSN 1911-2017</b>  E-ISSN 1911-2025	Vol. 16, No. 7;	30-38		International
	<b>Total</b>		<b>01</b>						

#### Department of Political Science

#### Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Strategic autonomy or isolation: An analysis of major dynamics of Pakistan’s foreign policy	Dr. Sadia Mahmood Falki Dr Ayesha Shahzad	2020	Margalla Papers	1999-2297	X	XXIV(1)	110-119
2.	Societal constraints	Dr. Nabila		Journal of	ISSN-	X	Volume	543-

	of Biradri politics in process of democratization	Akhter		Research Society of Pakistan	0034-5431		57, No. 1	552
3.	Negotiating the Indus water treaty: An historical assessment	Dr. Nabila Akhter		Journal of Research Society of Pakistan	ISSN-0034-5431	X	Volume 57, No. 1	482-491
4.	Federalism and Provincial autonomy in Pakistan	Sadia Ashraf Dr Ayesha Shahzad	2020	Pakistan Social Sciences Review	2664-0430	Y	Vol. 4 No. III	23-35
5.	Balochistan Democracy in Afghanistan and external factors	Dr. Ayesha Shahzad	2020	Journal of Arts and Social Sciences	2311-293X, 2414-8512	Y	7 (I)	53-66
6.	Gender disparities Islamisation & State discourses in Pakistan	Dr. Sadia Mahmood Falki Dr Ayesha Shahzad	2020	Journal of Political & International Studies	ISSN-2520-7369	Y	6(2)	13-27
<b>Total</b>		<b>06</b>						

## Department of Statistics

### Published Research Papers in JCR/ISI Impact Factor Journals (only)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Major factors responsible for child malnutrition: a review	Noor Shahid, Faiza Salman, <b>Mahnaz Makhdum</b>	2020	journal of Pakistan medical association	0030-9982	0.570	<a href="https://doi.org/10.47391/JPMA.1243">https://doi.org/10.47391/JPMA.1243</a>	1-13
2.	Type II Half Logistic Kumaraswamy Distribution with Applications	Ramadan A. ZeinEldin, Muhammad Ahsan ul Haq, <b>Sharqa Hashmi</b>	2020	Journal of Function Spaces	2314-8888, 2314-8896	1.896	<a href="https://doi.org/10.1155/2020/1343596">https://doi.org/10.1155/2020/1343596</a>	
3.	Alpha Power Transformed Inverse Lomax Distribution with Different Methods of Estimation and Applications	ZeinEldin, R. A., Ahsan ul Haq, M., <b>Hashmi, S., &amp; Elsehety, M</b>	2020	<i>Complexity</i>	1076-2787, 1099-0526	2.462	<a href="https://doi.org/10.1155/2020/7427686">https://doi.org/10.1155/2020/7427686</a>	
4.	“Variance Estimation Using Randomized Response Technique”	Sat Gupta, Badr Aloraini, Nouman Qureshi and <b>Sadia Khalil</b>	2020	REVSTAT <b>JCR Abbrev:</b> REVSTAT-STAT J	2183-0371	0.722	18(2)	165-176
<b>Total</b>		<b>04</b>				<b>6.26</b>		

### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr.	Paper Title	Name of	Year	Name of	ISSN #	Category of	Volume	Page #
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No.		Author/s		Journal		Journal (X, Y, Z)	#	
1.	Exclusive Breastfeeding Practices and Associated Risk Factors in Pakistan: An Evidence from PDHS 2012-13 using Cox Proportional Hazard Model	Sarwar, N. H., Kamal, A.	2020	Pakistan Pediatric Journal	0304-4904	Y	44(2)	129-135
2.	Trends and Determinants of Birth Spacing in Pakistan: 1991-2013	A. Kamal, U Numan	2020	Pakistan Pediatric Journal,	0304-4904	Y	44(2)	119-128
3.	Trends and Determinants of Fertility in Pakistan: Multivariate Decomposition Analysis (PDHS 1990-91 to PDHS 2012-13). Accepted for publication in Journal of Innovative Sciences.	Kamal, A., Noreen, G. and Amin, M.	2020	Journal Of Innovative Sciences	2411–2240	Y		
4.	Online media and students’ pro-environment engagement-raising awareness, facilitating environment-friendly behavior and social capital	Sanaa Mirza, Faiza Latif, <b>Asifa Kamal</b>	2020	Pakistan Journal of Distance and Online Learning	2415-2013 (print), 2415-2021 (online)	Y	6(2)	
5.	Goodness of Fit Tests for Marshal-Olkin Extended Rayleigh distribution	<b>Naz Saud</b> , Sohail Chand	2020	Pakistan Journal of Statistics and Operation Research	1816 2711	Y	16 (3)	587-598
6.	Selecting and Estimating Rank Score Functions Based on Residuals for Linear Mixed Models	<b>Sehar Saleem</b> , Rehan Ahmad Khan Sherwani	2020	Punjab University Journal of Mathematics	1016-2526	Y	52(9)	47-63
7.	“Mean Estimation of Sensitive Variables under Non-response and Measurement Errors using Optional RRT Models”	Qi Zhang, <b>Sadia Khalil</b> and Sat Gupta	2020	Journal of Statistical Theory and Practice	1559-8616	Y	<a href="https://doi.org/10.1007/s42519-020-00135-2">https://doi.org/10.1007/s42519-020-00135-2</a>	
<b>Total</b>		<b>7</b>						

#### Number of Research Papers Published In **Other Journals**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	A modified regression-cum-ratio estimator of population mean of a sensitive variable in the	Mahnaz Makhdum , Aamir Sanaullah & Muhammad Hanif	2020	Journal of Statistics and Management Systems	ISSN 2169-0014 (Online)	23:3	495-510		<b>International</b>

	presence of non-response in simple random sampling								
2.	Role of Zinc in patients presenting with Recurrent Hepatic Encephalopathy in Medical unit of tertiary care hospital Lahore	Asma Kamal, Asifa Kamal, Naeem Afzal, Shazia Siddique & Khadija Tahir	2020	Esculapio	2309-592X	16:3	4-8	National	
3.	Zografos Balakrishnan Power Lindley Distribution	Javeria Khokhar, Rashida khalil and Noor Shahid	2020	Journal of data science	1683-8602	Vol. 18(2)	279 – 298	--	International
4.	Unit Modified Burr-III Distribution: Estimation, Characterizations and Validation Test	ul Haq, M. A., Hashmi, S., Aidi, K., Ramos, P. L., & Louzada, F	2020	<i>Annals of Data Science</i>	2198-5812		<a href="https://doi.org/10.1007/s40745-020-00298-6">https://doi.org/10.1007/s40745-020-00298-6</a>		
<b>Total</b>		<b>04</b>							

**❖ RUTH PFAU WOMEN INSTITUTE OF LEADERSHIP & LEARNING**

**Department of Gender & Development Studies**

Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Drugs abuse, health hazards and antisocial activities among University Students of Lahore, Pakistan	Sultan, H., & Malik, S	2020	Rawal Medical Journal	0303-5212	Y	3	694-697
2.	Husbands' Involvement in Family Chores and Family Conflicts: Empirical Evidence from Pakistan	<b>Nayab Javed</b> , Kashif Siddique, Ghazanafar Hussain	2020	International Review of Social Sciences	2309-0081	Y	18	219-225
3.	Work-Family Role Conflicts and Its Relationship with Job Performance of Female Nurses Working in Public Hospitals of Lahore	Ghazanafar Hussain, <b>Nayab Javed</b> , Warda Irshad	2020	Pakistan Social Sciences Review	P-ISSN 2664-0422 0-ISSN 2664-0430	Y	4	698-710
4.	COVID 19 outbreak in Pakistan: Gender, Knowledge, and Preventive Health Behaviours	Kashif Siddique, <b>Nayab Javed</b> , Kamran Ishfaq	2020	International Review of Social Sciences	2309-0081	Y	18	10-20
<b>Total</b>		<b>04</b>						



❖ INSTITUTE OF DESIGN AND VISUAL ARTS

**Visual Arts Department**

**Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Brush-Knitted Metaphors	Sidra Liaqat	2020	“Visual Communication Quarterly,” Taylor & Francis	1555-1393 (Print), 1555-1407 (Online)	Y	27	147-160
2.	Nuqta: An Emblem of Divinity	Farah Khan	2020	“Visual Communication Quarterly”, Taylor & Francis	1555-1393 (Print) 1555-1407 (Online)	Y	27	142-146
3.	Wazir Khan Mosque: A Soul Inspiration for the Believers	Farah Khan	2020	Journal of Research and Reviews in Social Sciences Pakistan		Y	3 (1)	768-787
<b>Total</b>		<b>03</b>						

**Research Centre for Art and Design**

**Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	<i>A Discourse with Nature</i>	Sadia Arshad	2020.	Visual Communication Quarterly	ISSN: 1555-1393 (Print) 1555-1407 (Online)	Y	27:2	110-117
2.	<i>Meaningful Paintings by Ali Azmat</i>	Sadia Arshad	2020	Visual Communication Quarterly	ISSN: 1555-1393 (Print) 1555-1407 (Online)	Y	27:3	161-171
3.	Functionalization of cotton fabric with Vitamin-E on Digital printed textiles	Anika Sitara, Anum Rauf Et al.	2020	Balochistan Journal of Engineering and Applied Sciences (BJEAS)	2518-2706	Y	Vol.3 Issue.2	170-180
<b>Total</b>		<b>03</b>						

❖ INSTITUTE OF EDUCATION

**Department of Research & Evaluation**

Published Research Papers in **JCR/ISI Impact Factor Journals (only)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Conformity and Transgression in the Daily Lives of Pathan Girls – A Case Study of Education	Khalid, A., Aly, R., Aziz, F., Quraishi, U	2020	Journal of Family studies	1322-9400	1.71	26(1)	1-10
	<b>Total</b>	<b>1</b>				<b>1.71</b>		

Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Expectations of Research Students About Online Supervision of Thesis Supervisors: A Case of Virtual University of Pakistan	Sadaf Jabeen, Hashmi, A. & Khalid, M.	2020	Global Social Sciences Review (GSSR)	(Print): 2520-0348	X	5(2)	126-136
2.	Career Orientation for Girls: Impact of parents' Level of Education and Profession.	Kalsoom T, Jabeen S, & Khalid M	2020	Journal of the Research Society of Pakistan	0034-5431	X	57(1)	421-431
3.	An Exploratory Study to Measure the Environmental Literacy Level of Teachers Teaching at Secondary Schools in Punjab, Pakistan	Dr Saira Taj, Dr Tahira Kalsoom and Dr Moafia Nader	2020	Global Social Sciences Review (GSSR)	(Print): 2520-0348	X	5(2)	149-156
4.	Conceptualization of numbers, number operations, and algebra among 10th and 11th grade students	Namirah Aslam Aishah Siddiquah Mobeen Ul Islam	2020	Global Social Sciences Review (GSSR)	(Print): 2520-0348	X	5(1)	291-299
5.	Effect of self-regulated learning strategies on eighth grade students' motivation for learning English	Umme Habiba, Tahira Batool, Sayeda Aysha	2020	Global Social Science Review	(Print): 2520-0348	X	5(1)	52-62

6.	Investigating Cognitive Engagement in Eight Graders' Mathematics Classrooms	Tahira Batool, Sofia Akhtar	(2020)	Global Social Science Review	(Print): 2520-0348	X	5(1)	322-331
7.	Associating Leadership Burnout and their Coping Humour in Pakistani Universities.	Fakhra Aziz, Kalsoom, T., & Sadaf Jabeen,	2020	Journal of Educational Research, Pakistan.	1027-9776 (Print) 2309-8554 (Online)	Y	23 (2)	83-91
8.	Role of Religion in the life of Academic Leadership: A Remedy to Stress	Aziz F, Kalsoom T, & Hashmi	2020	Tahdhīb al Afkār,	2411-6211	Y	7(1),	37-44
9.	Relationship between Parental Involvement, Students' Performance Goal Orientation and Academic Achievement at Elementary Level.	Sadaf Jabeen, Khalid, M. & Kalsoom, T.,	2020	Sir Syed Journal of Education & Social Research,	2706-6525	Y	3(2)	329-337
10.	An Exploration of Reasons and Relationships between Female Teachers' Anxiety towards Teaching Mathematics and Students' Achievement.	Shabbir, M. Sadaf Jabeen, & Masood, S.	2020	Pakistan Social Sciences Review.  <a href="http://doi.org/10.35484/pssr.2020(4-II)54">http://doi.org/10.35484/pssr.2020(4-II)54</a>	2664-0422	Y	20(4)	60-69
11.	Evaluation of Ilm Ideas Phase I Program of UK aid for Education in Pakistan.	Abdullah, N. Jabeen, Sadaf. Akhtar, M. S.	2020	Journal of Arts and Social Sciences.	2414-8512  Print: 2311-293X	Y	7(2)	101-115
12.	Hedging as a Marker of Variation in Pakistani Research Dissertations of Sciences and Social Sciences.	Yasmin, T., Mahmood, M. A., Jabeen, S., Siddiqui, G. K.	2020	Review of Applied Management and Social Sciences (RAMSS).	(PRINT ): 2708-2024  (ONLINE): 2708-3640	Y	3(6)	361-367
13.	Identification of the Educational Problems at Higher Secondary Schools of Lahore.	Sarfraz R., Jabeen S. Sajid, M. A., Zulfiqar	2020	Review of Education, Administration and Law	(PRINT ): 2708-1788 (ONLINE):	Y	3(3)	403-410

		Ali., M. S.		(REAL)	2708-3667			
14.	Head Teachers' Perceptions regarding their role in Educational and Administrative Decision Making.	Mujahid, M. A. H., Kalsoom, T., & Khanam, A.	2020	Sir Syed Journal of Education & Social Research	2706-6525	Y	3(1)	203-209
15.	Dyslexia as a Learning Disability: Teachers' Perceptions and Practices at School Level	Kalsoom T, Mujahid A H& zulfkar A	2020	Bulletin of Education and Research	0555-7747	Y	42(1)	155-166
16.	Effect of Gender and Institution Type on Students' Anxiety regarding Learning L2.	Khalid, M. Kalsoom, T., & Batool, T.	2020	Pakistan Social Sciences Review	2664-0422 - (Online) 2664-0430	Y	4(2)	630-637
17.	The Effect of Resilience Intervention on Levels of Optimism.	Bhiti I. I, Kalsoom T, & Batool T,	2020	Sir Syed Journal of Education & Social Research	2706-6525	Y	3(1)	5-66
18.	Students' perceptions regarding education for sustainable development at university level.	Kalsoom, T., Jabeen, S. & Fatima, H. (2020).	2020	International Journal of Management	Print: 0976-6502 Online: 0976-6510	Y	11(8)	1637-1647.
19.	Intervening Role of Metacognition to Improve Task performance in Prospective Teachers: An Experimental Study	Ghazal Khalid Siddiqui Huma Lodhi Tahira Kalsoom	2020	Journal of Arts and Social Sciences	2414-8512	Y	7(2)	52-59
20.	Exploring the Effect of Academic Qualification on Teachers' Knowledge and Awareness regarding Autism at Primary Level.	Kalsoom, T., Batool, T. & Khalid, M.	2020	Journal of Accounting and Finance in Emerging Economies,	2519-0318	Y	6(2)	519-528
21.	Impact of Globalization on Education at University Level	Tahira Kalsoom, Saira Taj & Zeema Saleem	2020	International Journal of Management (IJM)	Print: 0976-6502 Online: 0976-6510.	Y	11(8)	1680-1689

22.	Document Analysis of Secondary School Curriculum Regarding Ethical and Moral Education in Punjab.	Alvi, S, T., Khanam, A., & Kalsoom, T.	2020	Global Regional Review doi:10.31703/grr.2020 (V-I).23 URL	2616-955X - ISSN(Online): 2663-7030 -	Y	5(1)	191-206
23.	A Self-Determination Theory on Effect of Teacher Autonomy Support on Students Motivation in Public School of Pakistan.	Khalid, R. Nader, M. & Khanam, A.	2020	Global Regional Review (GRR).	2616-955X - ISSN(Online): 2663-7030 -	Y	5(1)	108-118
24.	Morality or Mechanics: A Dilemma for Educational Leaders of 21st Century. , 1 (1), 38-55.	Dr. Afifa Khanam. (2020).	2020	Research Journal of Social Sciences and Economics Review (RJSSER)	2707-9023 (Online 2707-9015 (Print) 2707-9015 (ISSN-L)	Y	1(1)	38-55
25.	Exploring Gender differences in attitude towards Mathematics at Secondary Level in Pakistan.	Batool, T., Akhter, S., and Kalsoom, T.	2020	Journal of Business and Social Review in Emerging Economies	2519-089X (Online) : 2519-0326	Y	6(2)	587-596
26.	Factors Affecting Academic Stress and Adolescent Distress in Students	Dr Saira Taj Warda Anum Iqra Akram	(July-September 2020)	Academic Journal of Social Sciences	2521-0149	Y	4(3)	672-684
27.	The oppressor oppressing the oppressed: : Rising feminist voices against patriarchy in Jane Smiley's A Thousand Acres	Hassan Bin Zubair Mamona Yasmin Khan Dr Saira Taj	2020	Academic Journal of Social Sciences	2521-0149	Y	4(3)	600-611
28.	Metacognitive Awareness, Procrastination and its Impact on Students' Academic Performance	Ghazal Khalid Siddiqui Saira Taj, Farah	2020	Sir Syed Journal of Education & Social Research	2706-6525	Y	3(4)	400-406

		Maqsood						
29.	Relationship of Work-Family Conflict with Job Demands, Social Support and Psychological Well-Being of University Female Teachers in Punjab.	Dr. Mahvish Fatima and Dr. Abid Hussain Ch	April 2020	Bulletin of Education and Research	0555-7747	Y	42(1)	45-66
30.	Self-efficacy and Self-regulation Linkage with Mathematics Achievement in Girls from Secondary Schools	Tahira Batool	2020	Journal of Education and Social Sciences	2414-8091	Y	8(2)	92-103
31.	Exploring Parents Involvement in University Students Education.	Tahira Batool Jannat Riaz	2020	Journal of Business and Social Review in Emerging Economies	2519-089X (Online) : 2519-0326	Y	6(1)	187-196
32.	Feedback Impacts in High, Average and Low Achievers' Mathematics Engagement in High School Classrooms.	Tahira Batool	2020	Review of Economic and Development Studies	2519-9692 (Online) : 2519-9706	Y	6(1)	167-178
33.	Exploring gender differences in attitudes towards mathematics in secondary school.	Tahira Batool Sofia Akhtar Tahira Kalsoom	2020	Journal of Business and Social Review in Emerging Economies	2519-089X (Online) : 2519-0326	Y	6(2)	587-596
34.	Cooperative learning instructional method: Influence on secondary school students' academic performance in physics.	Sadaf Jabeen, Kalsoom, T. & Khanam, A.	2020	International Journal of Management	Print: 0976-6502 Online: 0976-6510.	Y	11(8)	1627-1636.
<b>Total</b>		<b>35</b>						

#### Number of Research Papers Published In Other Journals

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
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1.	The Perceived Role Of Leadership In Professional Assistance Of Secondary School Teachers	Fakhra Aziz, Uzma Quraishi, Moafia Nader , Naila Latif	2020	International Journal of Psychosocial Rehabilitation	1475-7192	24(6)	613-623		International
2.	Effect Of Instructional Strategies On Students' Moral Development.	Ghani, H. Kalsoom, T. Khanam, A. Fatima, M. K.	2020	International Journal of Psychosocial Rehabilitation.	1475-7192	24(6)	10400-10410		International
3.	Effect of meta-cognitive strategies on the reading comprehension skills of higher secondary school students in Pakistan.	Memoona Batool, Aishah Siddiquah	2020	International Journal of Psychosocial Rehabilitation,	1475-7192	24(6)	11013-11020		International
4.	Effect of Teachers' Mathematical Knowledge for Teaching (Mkt) on Mathematical Content Knowledge (Mck) and Mathematics Achievement of Students at Secondary Level.	Namirah Aslam  Aishah Siddiquah	2020	International Journal of Psychosocial Rehabilitation	1475-7192	24(6)	65-683		International
5.	Interdisciplinary Comparison Of Post Graduate Students For Academic Writing Proficiency In English. International Journal of Psychosocial Rehabilitation	Khaliq, S *Khanam, A.	2020	International Journal of Psychosocial Rehabilitation	1475-7192	24(6)	3647-3659		International
6.	A Study Of Relationship Among Traits Of Personality And Learning Styles Preferences Of Students At Higher Education.	Akbar, H., *Khanam, A. (2020).	2020	International Journal of Psychosocial Rehabilitation.	1475-7192	24(6)	757-773		International
7.	Development And Assessment Of Social Sites Mediated Course Module In Higher Education.	Kausar, S., *Khanam, A. Quraishi,	2020	International Journal of Psychosocial Rehabilitation	1475-7192	24(6)	624-639.		International

		U.		tion.					
8.	Impact Of Education Reforms And Policies On The Quality Of Higher Education In Pakistan	Shafqat, F.*Khanam, A. Quraishi, U.	2020	International Journal of Psychosocial Rehabilitation.	1475-7192	24(6)	640-651		International
9.	Development of an Adaptive Learning Module Using Attributes of PowerPoint Show.	Azhar, H., *Khanam, A. Quraishi, U.	2020	International Journal of Psychosocial Rehabilitation	1475-7192	24(6)	704-719		International
10.	Development of Brain Based Intervention Model for Learning Acceleration of Children at Early Elementary Level.	Gulnaz, H. F., Quraishi, U. *Khanam, A.	2020	International Journal of Psychosocial Rehabilitation.	1475-7192	24(6)	774-792		International
11.	Differentiated Instruction: Using Theory of Multiple Intelligence To Enhance Academic Achievement Of Graduate Students	Afshan, S., *Khanam, A., Aziz, F.	2020	International Journal of Psychosocial Rehabilitation,	1475-7192	24(6)	834-846		International
	<b>Total</b>			<b>11</b>					

## Department of Professional Studies

### Published Research Papers in JCR/ISI Impact Factor Journals (only)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	The Impact of Process Writing on the Language and Attitude of Pakistani English Learners.	Hassan,A., Kazi, A.S., Shafqat,A., Ahmed,Z.	2020	The Asian EFL Journal	1738-1460	0.61	27( 4.3)	260-77
2.	An Experimental Study on the Development of Learner Autonomy among English as a Foreign Language Learners at Tertiary Level.	Butt, A., Quraishi, U, Kazi, A.S. & Khanam, A.	2020	International Journal of Innovation, Creativity and Change	ISSN 2201-1323	6.76	12(1).	pp 64-81



3.	The Application of Mobile Assisted Language Learning in Pakistani ESL classrooms: An Analysis of Teachers' Voices	Ali, Muhammad Mooneeb, Shagufta Moghal, Moafia Nader, and Zarmina Usman.	2020	International Journal of Innovation, Creativity and Change.	ISSN 2201-1323	6.76	14 (10)	170-197
	<b>Total</b>	<b>3</b>				<b>14.13</b>		

### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	Category
1.	Metacognitive Awareness of Reading Strategies for Academic Materials: A Study of Undergraduate Students in Pakistan.	Kazi, A. S. Moghal, S. Asad, Z	2020	<i>Global Social Sciences Review</i>	ISSN(Print): 2520-0348 - ISSN(Online): 2616-793X - ISSN-L: 2520-0348	V(I)	44-51	X
2.	What do university students talk about in leisure time? Students' reflections on their personal and academic life	Gilani N, Waheed, S.A., , Thakur, I. & Zafar, S.	2020	<i>Psychology And Education</i>	ISSN: 0033-3077	0.08	57(5)	Y
3.	Relationship among Personality Traits, Extraversion & Agreeableness with Students Preferred Learning Styles at Higher Education	Akbar, H., Khanam, A., & Manzoor, M. S	2020	<i>Sir Syed Journal of Education &amp; Social Research (SJESR)</i>	ISSN 2706-6525 (Online) :: ISSN 2706-8285 (Print)	3(1),	1-8	Y
4.	Exploring the Shaded Positioning of Feminism and Dismantling Threads of Patriarchy in Hidden Culture Presented in Lousie Brown's The Dancing Girls of Lahore and Fouzia Saeed's Taboo	Zubair, H,B, Nader, M, & Afzal, M.	2020	International Review of Social Sciences	ISSN 2309-0081	8(8)	118-128	Y
5.	Evaluating the Multiple Choice Questions of Higher Secondary School English through Item Analysis	Ali, M.M, Yasmin, T., Kazi, A.S., Mahmood, M.A., Shahid,A.	2020	Hamdard Islamicus	0250-7196	43(2)	Pp 897-931	Y
6.	A Self-Determination Theory on Effect of Teacher Autonomy	Khalid, R., Nader, M., & Khanam, A	2020	Global Regional Review(GRR)	p-ISSN: 2616-955X	V-I).14	108-118	Y

	Support on Students' Motivation in Public School of Pakistan							
7.	Internet Addiction, Shyness, and Self-Esteem of Pakistani Youth	Thakur, I. , Azeem,A. & Gilani,N.	2020	<i>Sir Syed Journal of Education &amp; Social Research (SJESR)</i>	ISSN 2706-6525 (Online) :: ISSN 2706-8285 (Print)	iii (3)	83-89	Y
8.	Access to Quality Education of Children with Autism in Lahore: A Perspective of Teacher and Parents	Thakur, I. , Azeem,A. & Faiz,Z.	2020	<i>Orient Research Journal of Social Sciences</i>	ISSN Print 2616-7085 ISSN Online 2616-7093	5(2)	101-109	Y
9.	Institutional facilitation for learning improvement with consideration of students' voices.	Naeem, R., Kazi, A.S., Manzoor, S., & Quraishi, U., (2020).	2020	World Journal on Educational Technology: Current Issues	1309-1506 https://doi.org/10.18844/wjet.v12i4.5188	12(4),	389-400.	Y
<b>Total</b>		9						

### Department of Planning & Development

#### Published Research Papers in JCR/ISI Impact Factor Journals (only)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Impact Factor	Volume #	Page #
1.	Exploring the Relationship between Transformational Leadership Style, Job Satisfaction, Emotional Exhaustion and Burnout: A Case from Universities of Lahore	Ghazala Noreen	2020	<i>Journal of Educational Research</i>	1940-0675, 0022-0671	1.86	23	161-173
<b>Total</b>		<b>01</b>				<b>1.86</b>		

#### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Development of Reading	Ghazala Noreen	2020	<i>Pakistan Social</i>		Y	4	772-779

	Comprehension Assessment Tool: Applying the Rasch Model.			<i>Sciences Review</i>				
2.	Effect of Constructivist Teaching Approach on Student's Achievement in Science at Elementary Level	Ghazala Noureen	2020	<i>Pakistan Social Sciences Review,</i>		Y	111	904-911
3.	Institutional facilitation for learning improvement with consideration of students' voice	Rakhshanda Naeem	2020	World Journal on Educational Technology: Current Issues		Y	Vol. 12 No. 4	
4.	Pandemic covid-19 source of online digital learning platform for learning management and psychological dynamics disorders of students	Ayesha Batool	2020	<i>Hamdard Islamicus</i>	0250-7196	Y	43	1738-1752
5.	Relationship between spiritual practices in managing stress and teaching profession of university academicians.	Ayesha Batool	2020	<i>Hamdard Islamicus</i>	0250-7196	Y	43	77-94
6.	Relationship of information transfer and conceptual development teaching with learning performance of students at secondary level	Ayesha Batool	2020	<i>Hamdard Islamicus</i>	0250-7196	Y	43	1-12
7.	Relationship between job satisfaction and performance of the teachers in private universities of Lahore	Ayesha Batool	2020	<i>Hamdard Islamicus</i>	0250-7196	Y		
8.	Workplace Empowerment as A Pre-Requisite To Organizational Commitment Of Female University Teachers	Hafiza Sadiya Iqbal	2020	<i>Hamdard Islamicus</i>	0250-7196	Y	43	1637-1645
9.	A Comparative Study of Teachers Knowledge, Attitudes and Behavior's towards Evidence	Ghazala Noureen	2020	<i>Journal of Arts and Social Sciences</i>		Y	2	93-100

	Based Practices of Public and Private Universities.							
10.	Effect of Reflective Practice Training on the Attitude of Prospective Teachers Towards Teaching.	Ghazala Noureen	2020	<i>Journal of Research &amp; Reviews in Social Sciences Pakistan</i>		Y	3	982-995
11.	Perceptions of university teaching faculty about professional growth: Structural modeling of professional development.	Ayesha Batool	2020	<i>Hamdard Islamicus</i>	0250-7196	Y	43	1764-1776
12.	Selecting A Right Online Educational Paradigm In Covid-19 Pandemic	Ghazala Noureen	2020	<i>Pakistan Journal of Science</i>		Y	72	86-95
13.	Relationship between social brainpower and innovative behavior of school head teachers	Ayesha Batool	2020	<i>Journal of the Research Society of Pakistan</i>		Y	57	514-522
14.	Effect of Decision-Making Styles of Academic Managers on Quality Assurance in Public Sector Universities of Punjab	Hafiza Sadiya Iqbal	2020	Pakistan Social Sciences Review		Y	4	777-791
15.	A Study of Decision-Making Styles of Academic Managers in Public Sector Universities of the Punjab	Hafiza Sadiya Iqbal	2020	Bulletin of Education and Research		Y	42	181-196
<b>Total</b>		<b>15</b>						

## Department of TESOL

### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	An Analysis of the Competency 'Reading and Thinking Skills' in Grade VIII English Textbook This research aimed at analysing the Grade VIII English textbook of Punjab	Sana Baig	2020	Global Social Sciences Review'	2520-0348, 2616-793X	X		
2.	Learner Autonomy and its	Dr Ayesha Butt	Winter 2020	Global Social Sciences	2520-0348,	X	V - I	596-608

	Existing Practices: A Comparison between EFL students of various disciplines in the context of Pakistan			Review'	2616- 793X				
<b>Total</b>		<b>02</b>							

#### Number of Research Papers Published In **Other Journals**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	Pakistani Students' Ethical and Social Development through Punjab Textbook Board (PTBB) Grade VIII English Textbook	Ms Sana Baig	2020	Language in India	1930-2940	1.71	20(7)	151 - 163	
<b>Total</b>			02						

### ❖ SABIHA MANSOOR INSTITUTE OF LANGUAGES & CULTURE

#### Department of English

#### Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Global Citizenship Education and Gender Depiction in Textbooks: The Case of Punjab Textbook Board's Pakistan Studies and Urdu Textbooks	Aniqa Munir, Dr Sumaira Noreen	2020	Research Journal of Social Sciences and Economics Review (RJSSER)	2707-9023 (online), 2707-9015 (Print), 2707-9015	Y	1	72-79
2.	In Pursuit of the Connotative Truth: The Mask and its Psychological Dimensions in Girish Karnad's <i>Hayavadana</i>	Dr Amara Khan	2020	<i>Kashmir Journal of Language Research</i>	1028-6640	Y	23	197-215
3.	Metamorphosis of a Despondent Indian Woman: A Feminist Evaluation of Girish Karnad's <i>Nagamandala</i>	Dr Amara Khan	2020	<i>Global Regional Review</i>	2616-955X	Y	II	102-108
4.	Girish Karnad's <i>Hayavadana</i> :	Dr Amara Khan	2020	<i>Journal of Research in</i>	1812-1128	Y	LVI	141-153

	Analysis of Text and its Theatrical Performance			<i>Humanities</i>				
5.	Reconstruction of the Text through Performance in Derek Walcott's <i>Pantomime</i>	Dr Amara Khan	2020	<i>Global Language Review</i>	2663-3299	Y	I	87-94
6.	Indian Woman and her Sexuality: An Investigation through Heterogeneous Application of Symbolic Masks in Girish Karnad's <i>Hayavadana</i>	Dr Amara Khan	2020	<i>Global Regional Review</i>	2616-955X	Y	I	279-289
<b>Total</b>		<b>06</b>						

#### Number of Research Papers Published In **Other Journals**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
2.	Teaching of Indian Drama through Innovative Activities in a Classroom of Foreign Students: The Nature of Teacher/Participant Collaboration	Dr Amara Khan	2020	IJASOS-International E-Journal of Advances in Social Sciences		VI	1048-1055		International
3.	Intercultural Framework and the Dialectic Aspects of the Study of Transnational Literatures: A Talk with Sarbani Sen Vengadasalam	Dr Amara Khan	2020	The Criterion: An International Journal in English	0976-8165	11	552-571		International
<b>Total</b>		<b>02</b>							

#### Department of Persian

##### Number of Research Papers Published In **HEC Recognized Journals (X, Y, Z)**

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	"The Persian Qur'an" - "Hadigatul-hagiga" by Sanayi Ghaznavi	Prof.Dr.S.Fal eeha Zahra Kazmi	2020	Global Social Sciences Review (GSSR)No. I	2520-0348	X	Vol. IV	380-386
2.	Sufism and Mysticism in Aurangzeb Alamgir's Era	Prof.Dr.S.Fal eeha Zahra Kazmi	2020	Global Social Sciences Review (GSSR) No. I	2520-0348	X	Vol. IV,	
3.	Society for appreciation of cultural works and	Prof.Dr.S.Fal eeha Zahra Kazmi	2020	Name-ye Anjoman		Y	Vol.16	71-95

	dignitaries			Mafakher				
4.	جارچنامہ: ہندوستان میں انگریزی عہد حکومت کی مستند تاریخ	Ms.Maria Umer	2020	issue: 04(Alham)		Y		
5.	تأثیر و نفوذ زبان ایران باستان بر زبان های سرزمین پاکستان	Ms.Amber zulfiqar	2020	Danish Vol 136-137		Z		
6.	انشائویسی کے آئینے میں طوطی فارس کا تعارف	Dr. Faiza Kiran	2020	پیغام آشنا	.2079-4568	Z	Vol 78	تا 3338
<b>Total</b>		6						

#### Number of Research Papers Published In Other Journals

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Volume #	Page #	National	International
1.	بہار کے چند ہندو فارسی گو شعرا ایک اجمالی جائزہ۔	Zulfiqar Ali, Dr. Faiza Kiran	2020	سہ ماہی فیضان ادب - پورہ معروف - کر تھی جعفر پور میلوپوی بند	2456-4001	Vol 15	تا 129 134		International
<b>Total</b>		<b>01</b>							

#### Department of Punjabi

##### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Molana Jalal-ud-Din Roomi or Hazrat Sultan Bahu ki Sufiyana Fikar	Dr Samina	2020	Ziyae Tehqeeq	2225-613X	Y	19	138-150
2.	Taswuf dy Rang	Dr Saima	2020	Parakh	2518-5039	Z	09	65-74
3.	Punjabi Saqafat da Numanida Hero Sultan Rahi	Dr Soniya	2020	Parakh	2518-5039	Z	10	
4.	Khate Nasakh	Dr Ayesha	2020	Parakh	2518-5039	Z	09	27-34
5.	Punjab di Supetree Afzal Touseef	Dr Samina	2020	Parakh	2518-5039	Z	09	107
<b>Total</b>		<b>05</b>						

#### Department of Urdu

##### Number of Research Papers Published In HEC Recognized Journals (X, Y, Z)

Sr. No.	Paper Title	Name of Author/s	Year	Name of Journal	ISSN #	Category of Journal (X, Y, Z)	Volume #	Page #
1.	Pakistani Urdu Ghazal main fitrat aur mahol ki paish'kash	Dr. Naila Anjum	2020	daryaافت	2616-6038	Y	Vol: 23	

2.	jadeed Urdu shairi main khithon ka Ashob	Dr. Noreen Razzaq	2020	Journal of research URDU	1816-3424	Y	Vol: 36	
3.	Punjabi afsanay ki tehzeebi jahat aur dehi masail	Dr. Noreen Razzaq	2020	Tehqeeqi Jareeda	2521-8204	Y	Vol: 4	
4.	Seher-al-bayan ka nafsyati aur taneesi mutaliya	Dr. Azeeza Saeed	2020			Y	Vol: 26	
5.	ناول "ایک اور دریا" سماجی مسائل کے تناظر میں	Dr. Humaira Irshad	2020	شعبہ اردو جامعہ پشاور، بہار ۲۰۲۰ء	193-9302	Y	Vol: 42	Page"8 8-98
6.	الطاف فاطمہ کے ناول نشان محفل کا تجزیہ	سعیدہ ریاض، ڈاکٹر عظمت ریاب	2020	مجلہ "تحقیقی جریدہ" جی سی ویمن یونیورسٹی سیالکوٹ	جنوری- جون 2020	Y		Page 271-280
7.	کلیاتِ ناسخ مرتبہ ڈاکٹر اورنگ زیب عالم گیرہ	حنا اصغر، ڈاکٹر عظمت ریاب	2020	"تحقیق نامہ" جی سی ویمن یونیورسٹی لاہور	جولائی - دسمبر 2020	Y	والیم 27	-186 196
8.	محمد دین تاثیر کی نظم اور سرمایہ داری	خضریٰ تبسم	2020	"تحقیق نامہ" جی سی ویمن یونیورسٹی لاہور	جولائی - دسمبر 2020	Y	والیم 27	
9.	BAIN UL MAZAHIB RAWADARI AUR MOLANA ZAFAR ALI KHAN	Dr. Shazia Razzaq	2020	Alkhair university AJK Bhimber	2309-0499	Z	Vol: 16	Page"2 9-38
10.	Urdu aur Punjabi ki Isaani mumaslatain	Dr. Rehana Kausar	2020	Journal of research BZU, Multan		Z	Vol: 33	Page"1 08-115
<b>Total</b>		<b>10</b>						