

ANNUAL REPORT GCWUS

2022-23



**GOVERNMENT
COLLEGE WOMEN
UNIVERSITY, SIALKOT**

**Government College Women
University Sialkot**

ANNUAL REPORT

October 2022 - September 2023

Annual Report Committee

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CHANCELLOR'S MESSAGE

Muhammad Baligh Ur Rehman (Governor of Punjab)

It gives me immense pleasure to know that the Government College Women University, Sialkot (GCWUS) is publishing its Annual Report for the year 2022-23. Education is a fundamental human right and all individuals are entitled to enjoy it irrespective of their caste, creed, gender and religion. No one can deny the positivity and benefits which are brought to society through education. For a holistic set of benefits, it is necessary to ensure that education is inclusive, and women are part of it. Education of women is vital for substantial, social and economic progress of a country. I have a firm belief that universities can help women to achieve sustainable international development goals. The government is fully cognizant of the potential benefits of a university focusing exclusively on fostering and nurturing the innate potential and skills of young women and to inculcate values and character strengths in them. The establishment of GCWUS is also a step to attain this goal.

The high literacy rate of Sialkot city is a testament to the fact that the education system in the region is based on strong foundations. The city already boasts of producing several renowned figures from all walks of life serving across the globe. Situated in the internationally renowned industrial city of Sialkot, GCWUS is expected not only to bring improvement in women's education but also to enable them join the workforce effectively by offering a variety of degree programs in diverse disciplines and mentoring students through extra curricular activities aim to producing peaceful, tolerant and responsible citizens. The Vice-Chancellor, Faculty, Administration and staff of GCWUS are urged to maintain the highest standards of professionalism in educational activities, academic practices and character building of students.



VICE CHANCELLOR'S MESSAGE

Prof. Dr. Zarrin Fatima Rizvi

Government College Women University, Sialkot, stands as a cornerstone in the education of women in Sialkot, a city celebrated for luminaries like Allama Muhammad Iqbal and Faiz Ahmed Faiz. Since its elevation to university status in 2013, this prestigious institution has been unwavering in its mission to deliver quality education to Pakistani women, preparing them to meet both national and global challenges. A degree from Government College Women University, Sialkot is a testament to competence, employability, prosperity, and a well-rounded personality. The university is dedicated to advancing the quality of education across a wide array of contemporary disciplines. It offers a range of undergraduate programs, including BS and MA/M.Sc., as well as postgraduate programs such as MS and PhD, within three faculties: Natural Sciences, Arts and Social Sciences, and Administrative and Management Sciences.

The university prides itself on a highly qualified faculty with exceptional communication and presentation skills, driven by a passion for delivering quality education, fostering research skills, and instilling civic responsibility. It is committed to providing state-of-the-art facilities, including modern classrooms, science laboratories, computer labs, libraries, hostel accommodations, a daycare center, a healthcare center, transportation services, psychological counseling, career counseling, and a finishing school. Our vision is to empower a diverse community of female students by stimulating their intellect, nurturing their creativity, and guiding them to success through high-quality teaching and learning. Our future challenge is to position ourselves among the nation's leading universities through academic excellence and outstanding research output.

Executive Summary

Government College Women University Sialkot (GCWUS) was established in 2013 by upgrading Government Postgraduate College for Women. It existed as Gandda Singh High School before the partition of the sub-continent. The school was upgraded to intermediate College in 1951 and later as a Postgraduate College for Women. The College started BS classes in 2010 in affiliation with the University of Gujrat. The College was given the status of University by the Government of the Punjab vide ACT 2012 (VII of 2013) and was notified on 3rd January 2013.

The University aspires to be an institute with good national and international standards. The university is leading general education with an emphasis on dissemination of knowledge, research, and community outreach. In fulfilling its objectives; the university aims to develop strong collaborations/partnerships with other national and international universities, industries many public and private sector organizations. The university focuses on Arts, Humanities, Natural and Applied Sciences and professional degree programs.

The university has a distinctive identity as an institution offering a variety of programs in a number of disciplines, attracting female students from all over Pakistan. The criteria of “Institutional Enhancements and Reductions” will be implemented to raise the quality of programs offered by the university. Quality programs with high student enrollment will be retained and new programs will be added from time to time. Infrastructure of the university is being developed day by day.

In a very short span, University has been successful in making itself internationally visible through Times Higher Impact Ranking, QS Asian Ranking, UI Green Metric Ranking etc. The university aims to be known for its quality, innovation and creativity, distinguished degree programs, and the properties of its intellectual community. GCWUS has expanded the sphere of its academic activities during 2022-23 by introducing new degree programs across all levels making over University is offering altogether 53 degree programs including 25 undergraduate, 13 graduate and 9 postgraduate programs in various disciplines.

About the University

Located in the heart of historical city of Sialkot, GC Women University is a growing higher education institution. It is the sole public sector University of District Sialkot. It is envisioned to be a globally recognized university that contributes towards the development of society, continual innovation in education, research, creativity and entrepreneurship and women empowerment through quality higher education. The University has a mission to produce highly skilled women work force to cater the country's current and future needs, especially for the transformation of the society to a patriotic, productive, tolerant and cooperative society through creation, dissemination and preservation of knowledge and by ensuring engagement and outreach. The University was granted a charter in 2012 vide Govt. of the Punjab ACT 2012 (VII of 2013) and became the first women university in the region.

Prof. Dr. Nizam-ud-Din took additional charge as first Vice Chancellor of GCWUS on 18th of March 2013. Prof. Dr. Farhat Saleemi joined as its first regular Vice Chancellor on the 12th of September 2014. Prof. Dr. Hafiz Khalil Ahmed joined as Acting Vice Chancellor on 18th of October 2018 and Prof. Dr. Rukhsana Kausar, the incumbent Vice Chancellor, joined on the 5th of July 2019.



Prof. Dr. Nizam-ud-Din



Prof. Dr. Farhat Saleemi



Prof. Dr. Hafiz Khalil Ahmed



Prof. Dr. Rukhsana Kausar



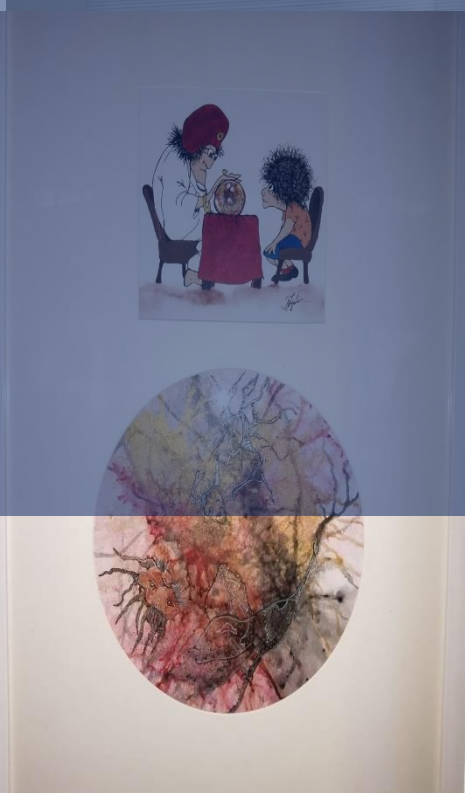
Prof. Dr. Zarrin Fatima Rizvi



Chapter: 1



Academic Activities



Chapter- 1 Academic Activities

1.1 Undergraduate Programs

GCWUS offers Thirty One (31) Undergraduate programs including Twenty one (21) BS 4 year and ten (10) MA/MSc programs in various disciplines. Out of these, 21 BS 4-year programs are offered in the morning. Detail of programs is as follows:

GCWUS offers fourteen (14) undergraduate Self-Supporting Degree Programs, i.e. BS 4-year, in various disciplines. Detail of the programs is listed below:

A) BS 4 years Programs (16 Years of Education)	
1. Applied Chemistry	2. Biotechnology
3. Botany	4. Business Administration
5. Chemistry	6. Commerce
7. Computer Science	8. Economics
9. Education	10. English
11. Environmental Science	12. Fine Arts (Painting)
13. Fine Arts (Textile Design)	14. Information Technology
15. Islamic Studies	16. International Relations
17. Mathematics	18. Physics
19. Political Science	20. Psychology
21. Sociology	22. Statistics
23. Urdu	24. Zoology
B) B.Ed./MA/M.Sc. 2 years Programs (16 Years of Education)	
1. B.Ed. (1.5 years)	2. Botany
3. Chemistry	4. English
5. Islamic Studies	6. Mathematics
7. Physics	8. Psychology
9. Urdu	10. Zoology
BS 4 Years Programs (Self Supporting Degree Program)	
1. B. Ed (1.5 years)	2. Botany
3. Business Administration	4. Chemistry
5. Commerce	6. Computer Science
7. Economics	8. English
9. Environmental Science	10. Fine Arts (Textile Design)
11. International Relations	12. Mathematics
13. Physics	14. Political Science
15. Psychology	16. Sociology
17. Urdu	18. Zoology

1.2 Postgraduate Programs

GCWUS is offering thirteen (13) MS programs and nine (09) PhD programs in various disciplines. Detail of the programs is as under:

MS Programs (18 years of education)	
1. Botany	2. Business Administration
3. Chemistry	4. Clinical Psychology
5. Economics	6. Education
7. English	8. Environmental Science
9. Islamic Studies	10. Mathematics
11. Physics	12. Political Science
13. Sociology	14. Urdu
15. Zoology	
PhD Programs	
1. Botany	2. Chemistry
3. Economics	4. English
5. Islamic Studies	6. Physics
7. Political Science	8. Urdu
9. Zoology	

1.3 Academic Achievements

Programs	Total Degrees Awarded Till 2022	Degrees Awarded during 2022-2023	Grand Total
BS 4 Years	6679	1280	7959
M.A/M.Sc.	1447	282	1729
MS/M.Phil.	683	281	964

1.4 Foreign Academic Linkages

SN	MOU Signed with Institutions	Type	Year
1.	Sapienza University of Rome, Italy	International	2021

1.5 Institutional Linkages

SN	MOU Signed with Institutions	Type	Year
1.	Creation of All Pakistan Women Universities Consortium	National	2023
2.	Khoj Society for Education	National	2021
3.	National Curriculum Council (NCC) Secretariat	National	2023
4.	Federation of Pakistan Chambers of Commerce & Industry (FPCCI)	National	2023

5.	Women Development Department, Government of the Punjab	National	2023
6.	Seerat Study Centre, Sialkot (SSC)	National	2023
7.	Social Welfare Academics & Training for Pakistan, (S.W.A.a.T) and IC Educational (Cambridge) Ltd.	National	2022
8.	Sialkot Chamber of Commerce & Industry (SCCI) Sialkot Pakistan	National	2022
9.	Higher Education Commission (HEC) Islamabad, Pakistan	National	2022
10.	Sialkot Chamber of Commerce & Industry (SCCI) Sialkot, Pakistan	National	2023
11.	Youth Affairs and Sports Department, Government of the Punjab and Punjab information Technology Board (PITB), Lahore, Pakistan	National	2023
12.	Lahore Medical Research Center, LLP & LMRC Laboratories, Lahore	National	2023
13.	Sightsavers International	International	2023

1.6 Honors and Awards

S.No	Name of Faculty Member / Student	Award	Awarded by (Organization)	Date
1.	Dr. Syeda Sadia	Presidential Award	Ministry of Religious Affairs, Pakistan	2023
2.	Dr. Muhammad Umair Ashraf	Won outstanding paper award (2023) from Emerald Publishing.	Emerald Publishing	March 2023
3.	Dr. Muhammad Umair Ashraf	Won Emerald Literati Award for Year (2023).	Emerald Publishing	March 2023
4.	Dr. Muhammad Umair Ashraf	Won Best Researcher Award for Academic Year (2023), at Government College Women University, Sialkot	Government College Women University, Sialkot	Augst 2023
5.	Dr. Muhammad Umair Ashraf	Won Prime Minister's Flood Heroes Award on 5th December 2022. The award ceremony was held on 5th December, 2022 in commemoration with International Volunteers Day at Prime Minister's Office Islamabad. The Prime Minister of Pakistan was graced the occasion as the Chief Guest.	Prime Minister's Office, Islamabad	5th Decemb er 2022
6.	Mr. Waleed Khan	Allama Iqbal Award	Al Pakistan Bazm e Iqbal Society	2023

7.	Dr. Sajjad Hyder	Article entitled “Recent advances in green carbon dots (2015–2022): synthesis, metal ion sensing, and biological applications” was declared among the top-cited articles of 2022–2023 in the Beilstein Journal of Nanotechnology.	Beilstein Journal of Nanotechnology	2023
8.	Dr. Sajjad Hyder	Certificate of appreciation for serving as Oversight Committee Member in Green Youth Movement Club – GYM at GC Women University Sialkot, Pakistan.	GC Women University Sialkot, Pakistan	2023





MOU signed with Fatimah Jinnah Women University, Rawalpindi



Chapter: 2 Research & Development



Chapter- 2 Research and Development

An Overview

To oversee and support research and development process and the relevant activities, HEC has established a fully functional Office of Research, Innovation and Commercialization (ORIC) in the university since 12th July, 2016, which is one of the 74 ORICs across Pakistan. The narrative of research and development within the context of Pakistan's higher education in the last decade or so (i.e. since the inception of HEC in 2002) presents a story of considerable progress, significant outcomes, and potential for further development that needs to be appropriately and effectively nurtured and enhanced. Following is a brief tabulation of research projects and papers by GCWUS faculty during 2022-23.

2.1 Projects Undertaken

SN	Name of Faculty Member	Project Title	Role (PI/Co-PI)	Funding Agency	Amount in Million	Year
1.	Dr. Adeel Mahmood	Sustainable Removal and Remediation of Plastic Pollution from Mangla Dam Water Reservoir	PI	NCPC, Rawalpindi	0.1	2021
2.	Dr. Sajjad Hyder	Use of botanical extracts and bacterial inoculants for the suppression of Alternaria solani causing Early Blight disease in Tomato	PI	HEC	1	2021
3.	Dr. Zarrin Fatima Rizvi	Identification and quantification of antiviral potential bearing bioactive compounds naturally occurring in selected medicinal and herbal plants	PI	HEC	0.125	2021
4.	Dr. Jehanzaib Arshad	A Non-Conventional Approach towards Development of Metal based Anticancer Agents	PI	HEC-SRGP	1	2022-2023
	Dr. Shazia Nouren		Co-PI			
5.	Dr. Qurat Ul Ain	Assessment of Therapeutic Potential of Rumex hastatus	PI	HEC	0.99	2021
	Dr. Asma	Extract towards Reproductive	Co-PI			

	Waheed Qureshi	Anomalies Induced by Triclosan Exposure Using Rat Model				
6.	Dr. Muhammad Shahbaz	Emotional Regulation and Stress Coping Strategies during the COVID-19: Perspectives of School Teachers in Gujranwala Division	PI	HEC & GCWUS	0.1	2021
	Ms. Madiha Afzal		Co-PI			
7.	Dr. Muhammad Rashid Hafeez	Explication of Sensationalism in COVID-19 Media Discourse in Pakistan	PI	HEC & GCWUS	0.1	2021
	Ms. Shahida Parveen		Co-PI			
8.	Dr. Muhammad Ashfaq	The Potential Impact of COVID-19 on output, International Trade and Environmental quality of Pakistan	PI	HEC & GCWUS	0.1	2021
	Dr. Muhammad Ilyas		Co-PI			
9.	Dr. Umara Rauf	Psychological Distress and Coping styles among different groups during the times of COVID-19. A Multi Approach	PI	HEC & GCWUS	0.1	2021
	Ms. Saba Asif		Co-PI			
10.	Dr. Razia Anjum	Effects of Self Compassion, Psychological wellbeing and Apprehension of Future Consequences towards the Psychological Distress during the COVID-19 Outbreak	PI	HEC & GCWUS	0.1	2021
	Ms. Salbia Abbas		Co-PI			
11.	Dr. Asma Waheed Qureshi	COVID19: Impact of COVID-19 on Livestock in and around District Sialkot	PI	HEC & GCWUS	0.125	2021
12.	Dr. Hafiz Muhammad Abd Ur Rehman	Application of Biocompatible Surfactants as Nanostudent per Drug Carriers-Micellar Solubilization of Drugs Used for Symptomatic Treatment of COVID-19	PI	HEC & GCWUS	0.125	2021
13.	Dr. Saadia Shaukat	Role of surfactants in improving the bioavailability and efficacy of	PI	HEC & GCWUS	0.125	2021

		drugs used in symptomatic treatment of COVID-19 –A model study on Azithromycin				
14.	Dr. Muhammad Rashid Hafeez	Explication of Sensationalism in COVID-19 Media Discourse in Pakistan	PI	HEC & GCWUS	0.1	2021
	Ms. Shahida Parveen					
15.	Dr. Muhammad Ashfaq	The Potential Impact of COVID-19 on output, International Trade and Environmental quality of Pakistan	PI	HEC & GCWUS	0.1	2021
16.	Dr. Umara Rauf	Psychological Distress and Coping styles among different groups during the times of COVID-19. A Multi Approach	PI	HEC & GCWUS	0.1	2021
17.	Dr. Razia Anjum	Effects of Self Compassion, Psychological wellbeing and Apprehension of Future Consequences towards the Psychological Distrestudent perthe COVID-19 Outbreak	PI	HEC & GCWUS	0.1	2021
18.	Dr. Hafiz Muhammad Abd ur Rehman	Application of Biocompatible Surfactants as Nanostructured Drug Carriers-Micellar Solubilization of Drugs Used for Symptomatic Treatment of COVID-19	PI	HEC & GCWUS	0.125	2021
19.	Dr. Saadia Shaukat	Role of surfactants in improving the bioavailability and efficacy of drugs used in symptomatic treatment of COVID-19 –A model study on Azithromycin	PI	HEC & GCWUS	0.125	2021
20.	Dr. Zarrin Fatima Rizvi	Identification and quantification of antiviral potential bearing bioactive compounds naturally occurring in selected medicinal and herbal plants	PI	HEC & GCWUS	0.125	2021

21.	Dr. Amina Sadiq	Exploring Chalcone-Based Heterocycles as Potential Tyrosinase Inhibitors: Design, Synthesis and Effect of Various Substituents on their In Vitro and In Silico Studies	PI	NRPU	4305000/ -	2021
22.	Dr. Chaudhary Omer Javed	“Exploring Chalcone-Based Heterocycles as Potential Tyrosinase Inhibitors: Design, Synthesis and Effect of Various Substituents on their In Vitro and In Silico Studies	Co-PI	NRPU	4305000/ -	2021
23.	Dr. Afshan Urooj	Efficient Removal of Refractory Organic compound using Hybrid MBR coupled with AOP	PI	HEC	4.4 Millions	2023
24.	Dr. Tariq Mahmood	Synthesis of Tungstate based Nanomaterials using Uniform Strategy for Efficient and Low-Cost Photocatalytic Degradation of Toxic Materials	PI	HEC	2.3	2022- 23

PI: Principal Investigator

Co-PI: Co-Principal Investigator

HEC: Higher Education Commission

SRGP: Startup Research Grant Program

NCPC: National Cleaner Production Center

NRPU: National Research Program for Universities

2.1.1 Newly Launched Projects

SN	Name of Faculty Member	Project Title	Role (PI/Co-PI)	Funding Agency	Amount in Million	Year
1.	Dr. Sajjad Hyder	Use of Botanical Extracts and Bacterial Inoculants for the Suppression of <i>Alternaria solani</i> causing Early Blight Disease in Tomato	PI	HEC	1	2022
2.	Dr. Jehanzaib Arshad	A Non-Conventional Approach towards Development of Metal based Anticancer Agents	PI	HEC-SRGP	1	2022- 2023
3.	Dr. Shazia Nouren	A Non-Conventional Approach towards Development of Metal based Anticancer Agents	Co-PI	HEC-SRGP	1	2022- 2023

4.	Dr. Amina Sadiq	Exploring Chalcone-Based Heterocycles as Potential Tyrosinase Inhibitors: Design, Synthesis and Effect of Various Substituents on their In Vitro and In Silico Studies	PI	NRPU	4.3	2021
	Dr. Chaudhary Omer Javed		Co-PI			
5.	Dr. Afshan Urooj	Efficient Removal of Refractory Organic compound using Hybrid MBR coupled with AOP	PI	HEC	4.4	2022
6.	Dr. Tariq Mahmood	Synthesis of Tungstate based Nanomaterials using Uniform Strategy for Efficient and Low-Cost Photocatalytic Degradation of Toxic Materials (NRPU-10823)	PI	HEC	2.3	On-going

2.2 Research Publications

2.2.1 Research Papers

Sr.	Name of Faculty Member	Authors	Title of Article	Name of Journal	Date of Publication (Category)
1.	Prof. Dr. Zarrin Fatima Rizvi	Fatima SN, Rizvi ZF, Hyder S, Gondal AS, Latif M, Nazir HM, Riaz N, e-Habib F	Biochemical Profiling of selected plant extracts and their antifungal activity in comparison with fungicides against Colletotrichum capsica L. causing Anthracnose of chilli.	Plant Stress.	2023 (X)
2.	Prof. Dr. Zarrin Fatima Rizvi	Naghman R, Bhatti MT, Najabat Z, Hyder S, Rizvi ZF, Gondal AS, Zafar Z et al.	"Organic amendments: A natural way to suppress phytopathogens, a sustainable approach to go green."	Turkish Journal of Agriculture and Forestry	2023 (W)
3.	Prof. Dr. Zarrin	Muhammadi, Shabina Shafiq, Zarrin Fatima Rizvi.	Promising substitute of	Journal of Biotechnology, Computational Biology and	2023 (W)

	Fatima Rizvi		inconsistent algal alginates: exploring the biocompatible properties of di-O-acetylated, poly-L-gulonate-deficient alginate from soil bacterium <i>Pseudomonas aeruginosa</i> CMG1418.	Bionanotechnology.	
4.	Prof. Dr. Zarrin Fatima Rizvi	Arshad, K., Aqeel, M., Noman, A., Nazir, A., Mahmood, A., Rizvi, Z.F., Sarfraz, W., Hyder, S., Zaka, S., Khalid, 5N.	Ecological health risk assessment of microplastics and heavy metals in sediments, water, hydrophytes (<i>Alternanthera philoxeroides</i> , <i>Typha latifolia</i> , and <i>Ipomoea carnea</i>), and fish (<i>Labeo rohita</i>) in Marala wetlands in Sialkot, Pakistan.	<i>Environmental Science and Pollution Research.</i>	2023 (W)
5.	Prof. Dr. Zarrin Fatima Rizvi	Mehmood N, Saeed M, Zafarullah S, Hyder S, Zarrin Fatima Rizvi , Gondal AS, Jamil N, Iqbal R, Ali B, Ercisli S, Kupe M.	Multifaceted Impacts of Plant-Beneficial <i>Pseudomonas</i> spp. in Managing Various Plant Diseases and Crop Yield Improvement.	ACS OMEGA.	2023 (W)
6.	Prof. Dr. Zarrin Fatima Rizvi	UjalaEjaz, ShujaulMulk Khan, Noreen Khald, Zeeshan Ahmad, Sadia Jehangir, Zarrin Fatima Rizvi , Linda HeejungLho, Heesup Han and Antonio Raposo.	A multiple study to tolerance strategies against heavy metals toxicity in plants.	Frontiers in Plant Science.	2022 (W)
7.	Prof. Dr. Zarrin Fatima Rizvi	Aisha Nazir, WajihaSarfraz, Ditta Allah, Noreen Khalid, Mujahid Farid, Muhammad Shafiq, Firdaus-e-Bareen, Zarrin Fatima Rizvi , Nayab Naem.	Synergetic Impact of two autochthonous saprobic fungi (<i>A.niger</i> and <i>T Psuedokoningli</i>) on the Growth, Ionv content, and metals uptake in	International Journal of Phytoremediation	2022 (W)

			Brassica juncea L. and Vigna radiate L. under tannery silid waste contaminatioted soul.		
8.	Prof. Dr. Zarrin Fatima Rizvi	Wajiha Sarfraz, Muhammad Farid, Noreen Khalid, Zarrin Fatima Rizvi , Aisha Nazir, Nayab Naeem, Shaharyar Farid, Shafqat Ali. (2022).	Ameliorative role of foliar Zn-lysine application on wheat (<i>Triticumaestivum</i> L.) stressed by Tannery Wastewater.	Physiology and Molecular Biology of Plants,	2022 (W)
9.	Dr. Mehmood a Munazir	A. Ahmed., R. Badar., A. Arshad., M. Munazir., S. Younas., R. Mehmood	Microscopic Identification of <i>Puccinia striiformis</i> Rr-01 Isolated From An Infected Wheat Variety	Pakistan Journal of Phytopathology, 34(2): 341-347	Decemb er 2022, Y Categor y
10	Dr. Mehmood a Munazir	Sarfraz, Z., M. Munazir., A. Ahmed., R. Badar., A. Tahir	Evaluation of Free Radical Scavenging Activity of Sauce and Formulation of Tamarindus indica (L.) and Prunus domestica (L.) Fruits	Journal of Bioresource Management, 10(1): 4	24 th Decemb er 2022, Y Categor y
11	Dr. Mehmood a Munazir	Shujat Ali, Sayed Afzal Shah, Rida Fatima Saeed, Javed Iqbal, Shumaila Ijaz and Mehmooda Munazir	Ethnomedicinal plant use value in Lower Swat, Pakistan	Ethnobotany Research and Applications, 25(2023): 1-22.	16 th February 2023, W Categor y
12	Dr. Mehmood a Munazir	Ullah, H., R. Qureshi., M. Munazir., Y. Bibi., A. Saboor., M. Imran., M. Maqsood	Quantitative ethnobotanical appraisal of Shawal Valley, South Waziristan, Khyber Pakhtunkhwa, Pakistan	Ethnobotany Research and Applications, 25: 1-17	17 th February 2023, W Categor y
13	Dr. Mehmood a Munazir	Huma Zareef, Muhammad Tayyab Gul, Rahmatullah Qureshi, Hanan Aati, Mehmooda Munazir	Application of ethnobotanical indices to document the use of plants in traditional	Ethnobotany Research and Applications, 25, 1-29	12 th April 2023, W Categor y

			medicines in Rawalpindi district, Punjab-Pakistan		y
14	Dr. Noreen Khalid	Khalid, N., Aqeel, M., Noman, A., Rizvi, ZF.,	Impact of plastic mulching as a major source of microplastics in agroecosystems.	<i>Journal of Hazardous Materials</i>	Dec, 2022. (W)
15	Dr. Noreen Khalid	Akhter, N., Aqeel, M., Maqsood, M.F., Nawaz, S., Shahnaz, M.M., Khalid, N. , Basahi, M.A., Al-Zoubi, O.M., Habeeb, T., Marc, R.A. and Irshad, M.K., 2022.	Comparative assessment of remediation potential of <i>Xanthium strumarium</i> ecotypes in NaCl-affected root zone.	<i>Water, Air, & Soil Pollution,</i>	Dec, 2022 (W)
16	Dr. Noreen Khalid	Aqeel, M., Khalid, N., Nazir, A., Irshad, M.K., Hakami, O., Basahi, M.A., Alamri, S., Hashem, M. and Noman, A., 2022.	Foliar application of silver nanoparticles mitigated nutritional and biochemical perturbations in chilli pepper fertigated with domestic wastewater.	<i>Plant Physiology and Biochemistry.</i>	Dec, 2022 (W)
17	Dr. Noreen Khalid	Khalid, N. , Noman, A., Nazir, A., Tufail, A., Hadayat, N., Alzuaibr, F.M., Ikram, S., Akhter, N., Hussain, M. and Aqeel, M., 2023.	<i>Nerium oleander</i> could be used for sustainable management of traffic-borne elemental-enriched roadside soils.	<i>Environmental Science and Pollution Research,</i>	Jan 2023 (W)
18	Dr. Noreen Khalid	Tufail, A., Ahmad, F., Hameed, M., Ahsan, M., Siddiqua, U.H., Khalid, N., Rashid, M., Momtaz, M., Shah, A.A., AbdElgawad, H. 2023.	Structural modifications in Bermuda grass [<i>Cynodon dactylon</i> (L.) Pers.] ecotypes for adaptation to environmental heterogeneity.	<i>Frontiers in Plant Science</i>	March 2023 (W)
19	Dr. Noreen Khalid	Chen, F., Aqeel, M., Khalid, N. , Irshad, M.K., Farhat, F., Nazir, A., Jing, M., Akhtar, M.S., Eldesoky, G.E., Aljuwayid, A.M., Noman, A. 2023.	Glutathione treatment suppresses the adverse effects of microplastics in	<i>Chemosphere</i>	March 2023 (W)

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20	Dr. Noreen Khalid	Chen, F., Aqeel, M., Khalid, N. , Nazir, A., Irshad, M.K., Akbar, M.U., Alzuaibr, F.M., Ma, J., Noman, A. 2023.	Interactive effects of polystyrene microplastics and Pb on growth and phytochemicals in mung bean (<i>Vigna radiata</i> L.).	<i>Journal of Hazardous Materials.</i>	April 2023 (W)
21	Dr. Noreen Khalid	Akhter, N., Noreen, A., Saifullah, S., Noman, A., Shahnaz, M.M., Letuma, P.M., Kausar, A., Siddique, M., Hashem, M., Alamri, S., Al-zoubi, O.M., Saleem, M., Khalid, N. , Aqeel, M. 2023.	Salt ions mediated changes in biochemical and anatomical characteristics of Brassica napus can be countered with Moringa Leaf extract.	<i>South African Journal of Botany.</i>	April 2023 (W)
22	Dr. Noreen Khalid	Zaka, S., Aqeel, M., Mahmood, A., Noman, A., Rizvi, Z.F., Sarfraz, W., Nazir, A., Arshad, K., Khalid, N. 2023.	Integrative evaluation of the ecological hazards by microplastics and heavy metals in wetland ecosystem.	<i>Bulletin of Environmental Contamination & Toxicology.</i>	May 2023 (W)
23	Dr. Noreen Khalid	Alharbi, K., Aqeel, M., Khalid, N. , Nazir, A., Irshad, M.K., Alzuaibr, F.M., Alhaithloul, H.A.S., Akhter, N., Al-Zoubi, O.M., Qasim, M., Syaad, K.M., AlShaqhaa, M.A., Noman, A. 2023.	Microplastics in soil differentially interfere with nutritional aspects of chilli pepper.	<i>South African Journal of Botany,</i>	June 2023 (W)
24	Dr. Noreen Khalid	Alomran, M.M., Noman, A., Aqeel, M., Khalid, N., Maqsood, M.F., Akhter, N., Arshad, M., Alqahtani, F.M., Alzuaibr, F.M., Hashem, M. and Habeeb, T., 2023.	Relative biochemical and physiological docking of cucumber varieties for supporting innate immunity against <i>Podospaera xanthii</i> .	<i>Microbial Pathogenesis.</i>	June 2023 (W)
25	Dr. Noreen Khalid	Khokhar Voytas, A., Shahbaz, M., Maqsood, M.F., Zulfiqar, U., Naz, N., Iqbal, U.Z., Sara, M., Aqeel, M., Khalid, N. , Noman, A. and Zulfiqar, F., 2023.	Genetic modification strategies for enhancing plant resilience to abiotic stresses in the context of climate change.	<i>Functional & Integrative Genomics,</i>	June 2023 (W)

26	Dr. Noreen Khalid	Qaiser, Z., Aqeel, M., Sarfraz, W., Rizvi, Z.F., Noman, A., Naeem, S. and Khalid, N., 2023. Microplastics in wastewaters and their potential effects on aquatic and terrestrial biota. Case Studies in Chemical and Environmental Engineering.	Microplastics in wastewaters and their potential effects on aquatic and terrestrial biota.	<i>Case Studies in Chemical and Environmental Engineering.</i>	July 2023 (W)
27	Dr. Amina Kanwal	Khadija Zahra, Muhammad Farhan, Amina Kanwal , Faiza Sharif, Muhammad Umar Hayyat, Laila Shahzad & Gul Zareen Ghafoor.	Investigating the role of bulking agents in compost maturity.	Scientific Reports. 13: 16003-16013. DOI https://doi.org/10.1038/s41598-023-41891-y	Sep 25, 2023.
28	Dr. Sajjad Hyder	Jamil, N.; Hyder, S. ; Valipour, M.; Yasir, M.; Iqbal, R.; Roy, R.; Zafar, M.U.; Ahmed, A.	Evaluation of the Bioremediation Potential of <i>Staphylococcus lentus</i> Inoculations of Plants as a Promising Strategy Used to Attenuate Chromium Toxicity.	Sustainability https://doi.org/10.3390/su142013056 .	Oct 2022 (W)
29	Dr. Sajjad Hyder	Arshad, Komal, Muhammad Aqeel, Ali Noman, Atia Nazir, Adeel Mahmood, Zarrin Fatima Rizvi, Wajiha Sarfraz, Sajjad Hyder , Shanza Zaka, and Noreen Khalid.	Ecological health risk assessment of microplastics and heavy metals in sediments, water, hydrophytes (<i>Alternanthera philoxeroides</i> , <i>Typha latifolia</i> , and <i>Ipomoea carnea</i>), and fish (<i>Labeo rohita</i>) in Marala wetlands in Sialkot, Pakistan.	Environmental Science and Pollution Research. https://doi.org/10.1007/s11356-023-25142-1 .	Jan 2023 (W)
30	Dr. Sajjad Hyder	Aftab, A., Ali, M., Yousaf, Z., Binjawhar, D. N., Hyder, S. , Aftab, Z.-e.-H., Maqbool, Z., Shahzadi, Z., Eldin, S. M., Iqbal, R., & Ali, I.	Shelf-life extension of <i>Fragaria</i> × <i>ananassa</i> Duch. using selenium nanoparticles synthesized from <i>Cassia fistula</i> Linn. leaves.	Food Science & Nutrition https://doi.org/10.1002/fsn3.3336 .	April 2023 (W)

31	Dr. Sajjad Hyder	Ortega-Urquieta, M.E.; Valenzuela-Ruíz, V.; Mitra, D.; Hyder, S. ; Elsheery, N.I.; Kumar Das Mohapatra, P.; Parra-Cota, F.I.; de los Santos-Villalobos, S.	Draft Genome Sequence of Priestia sp. Strain TSO9, a Plant Growth-Promoting Bacterium Associated with Wheat (<i>Triticum turgidum</i> subsp. durum) in the Yaqui Valley, Mexico.	Plants https://doi.org/10.3390/plant11172231 .	Aug 2023 (W)
32	Dr. Sajjad Hyder	Sajjad Hyder, Zarrin Fatima Rizvi, Sergio de los Santos-Villalobos, Gustavo Santoyo, Amjad Shahzad Gondal, Noreen Khalid, Syeda Noureen Fatima, Mashal Nadeem, Khizra Rafique, and Akasha Rani	Applications of plant growth-promoting rhizobacteria for increasing crop production and resilience	Journal of Plant Nutrition https://doi.org/10.1080/01904167.2022.2160742 .	Jan 2023 (W)
33	Dr. Sajjad Hyder	Sufyan, M., Daraz, U., Hyder, S., Zulfiqar, U., Iqbal, R., Eldin, S.M., Rafiq, F., Mahmood, N., Shahzad, K., Uzair, M. and Fiaz, S	An overview of genome engineering in plants, including its scope, technologies, progress and grand challenges.	Functional & integrative genomics https://doi.org/10.1007/s10142-023-01036-w .	April 2023 (W)
34	Dr. Sajjad Hyder	Khan, A.R.; Mustafa, A.; Hyder, S* ; Valipour, M.; Rizvi, Z.F.; Gondal, A.S.; Yousuf, Z.; Iqbal, R.; Daraz, U.	<i>Bacillus</i> spp. as Bioagents: Uses and Application for Sustainable Agriculture	Biology – MDPI https://doi.org/10.3390/biology11121763 .	Dec-2022 (W)
35	Dr. Sajjad Hyder	Kanwal, Aisha, Naheed Bibi, Sajjad Hyder, Arif Muhammad, Hao Ren, Jiangtao Liu, and Zhongli Lei.	Recent advances in green carbon dots (2015–2022): synthesis, metal ion sensing, and biological applications.	Beilstein Journal of Nanotechnology https://doi.org/10.3762/bjnano.13.93 .	Oct 2022 (W)
36	Dr. Maimona Saeed	Maimona Saeed , Noshin Ilyas, Fatima Bibi, Sumera Shabir, Krish Jayachandran, R.Z. Sayyed, Ali A. Shati, Mohammad Y. Alfai, Pau Loke Show, Zarrin Fatima Rizvi	Development of novel kinetic model based on microbiome and biochar for in-situ remediation of total petroleum hydrocarbons (TPHs) contaminated soil.	Chemosphere 0045-6535 324 138311 https://doi.org/10.1016/j.chemosphere.2023.138311	04-03-2023 (W)

37	Dr. Maimona Saeed	Fatima Bibi, Noshin Ilyas, Maimona Saeed , Sumera Shabir, Ali A. Shati, Mohammad Y. Alfaif, Kassian T.T. Amesho, Subrata Chowdhury, Riyazali Zafarali Sayyed.	Innovative production of value-added products using agro-industrial wastes via solid-state fermentation.	Environmental Science and Pollution Research 0944-1344 23 28765-6 https://doi.org/10.1007/s11356-023-28765-6	24-07-2023 (W)
38	Dr. Maimona Saeed	Comparison of pennywort and hyacinth in the development of membraned sediment plant microbial fuel cell for waste treatment.	Comparison of pennywort and hyacinth in the development of membraned sediment plant microbial fuel cell for waste treatment.	Chemosphere 0045-6535 313 137422 https://doi.org/10.1016/j.chemosphere.2022.137422	28-11-2022 (W)
39	Dr. Maimona Saeed	Shabir, S., Ilyas, N., Saeed, M. , Bibi, F., Sayyed, Z.R., Almalki, H.W.	Treatment technologies for olive mill wastewater with impacts on plants.	<i>Environmental Research</i> 0013-9351 216 114399 https://doi.org/10.1016/j.envres.2022.114399	27-10-2022 (W)
40	Prof. Dr. Rukhsana Kausar	Hina Javed Rana, Rukhsana Kausar, Nashi Khan	Social Anxiety and Quality of Life: Mediating Role of Stigma Perception in Individuals Who Stutter	NUST Journal of Social Sciences and Humanities	2022 (Y)
41	Dr. Maimona Saeed	Maimoona Saeed, Noshin Ilyas, Krish Jayachandran, Sumera Shabir, Nosheen Akhter, Asim Shahzad, R.Z. Sayyed, Asghari Bano	Advances in Biochar and PGPR engineering system for hydrocarbon degradation; A promising strategy for environmental remediation	Environmental Pollution	2022 (W)
42	Dr. Iram Saba	Y. Zaman, M. Z. Ishaque, R. Sattar, M. M. Rehman, I. Saba, S. Kanwal, M. Akram, M. Shahzad, H. Kanwal, R. Qadir, A. B. Siddique	Antibacterial potential of silver nanoparticles synthesized using trisodium citrate via	Digest Journal of Nanomaterials and Biostructures	2022 (Y) IF: 0.87

			controlled exploitation of temperature		
43	Dr. Iram Saba	Shaukat, U.A., Anwar, F., Akhtar, M.T., Qadir, R., Zahoor, S., Saba, I., Shabir, G., Siddique, F. and Moongngarm, A.,	Variations in physico-chemical and antioxidant attributes of Grape seed oil as function of extraction techniques	Sains Malaysiana	2022 (W)
44	Dr. Amina Sadiq	E. U. Mughal*, R. J. Obaid, A. Sadiq, M. A. Alsharif, N. Naeem, S. Kausar, A. A. Altaf, R. S. Jassas, S. Ahmed, R. Alsantali, S. A. Ahmed	Chalcone- and flavone-based novel terpyridine metal complexes: synthesis, electrochemical, photophysical, photovoltaic and computational studies	Dyes and Pigments	2022 (W)
45	Dr. Amina Sadiq	R. I. Alsantali, Q. A. Raja, A. Y. Alzahrani, A. Sadiq, N. Naeem, E. U. Mughal*, M. M. Al-Rooqi, N. El. Guesmi, Z. Moussa, S. A. Ahmed	Miscellaneous azo dyes: A comprehensive review on recent advancements in biological and industrial Applications	Dyes and Pigments	2022 (W)
46	Dr. Amina Sadiq	R. Mehmood, A. Sadiq, R. I. Alsantali, E. U. Mughal*, M. A. Alsharif, N. Naeem, A. Javid, M. M. Al-Rooqi, G. S. Chaudhry, S. A. Ahmed	Synthesis and evaluation of 1, 3, 5-triaryl-2-pyrazoline derivatives as potent dual inhibitors of urease and α -glucosidase together with their cytotoxic, molecular modeling and drug- likeness studies	ACS Omega	2022 (W)
47	Dr.	R. I. Alsantali, E. U. Mughal*,	Flavone-based	Journal of Molecular	2022

	Amina Sadiq	N. Naeem, M. A. Alsharif, A. Sadiq, A. Ali, R. S. Jassas, Q. Javed, A. Javid, S. H. Sumrra, A. A. Alsimaree, M. N. Zafar, B. H. Asghar, H. M. Altass, Z. Moussa, S. A. Ahmed	hydrazones as new tyrosinase inhibitors: synthetic imines with emerging biological potential, SAR, molecular docking and drug-likeness studies	Structure	(X)
48	Dr. Amina Sadiq	E. U. Mughal*, J. Ashraf, R. I. Alsantali, Y. Nazir, R. J. Obaid, N. Naeem, A. Sadiq, S. A. Ahmed	Design, Synthesis and Structural Characterization of Thioflavones and Thioflavonols as Potential Tyrosinase Inhibitors: In vitro and In silico Studies	ACS Omega	2022 (W)
49	Dr. Amina Sadiq	R. J. Obaid, N. Naeem, M. Al-Rooqi, E. U. Mughal*, A. Sadiq, R. Jassas, Z. Moussa, S. A. Ahmed	Pharmacological Significance of Nitrogen-Containing Five and Six-Membered Heterocyclic Scaffolds as Potent Cholinesterase Inhibitors for Drug Discovery: A Systematic Review	Process Biochemistry	2022 (W)
50	Dr. Amina Sadiq	R. J. Obaid, N. Naeem, M. Al-Rooqi, E. U. Mughal*, A. Sadiq, R. Jassas, Z. Moussa, S. A. Ahmed	Inhibitory potential of nitrogen, oxygen and sulfur containing heterocyclic scaffolds against acetylcholinesterase and butyrylcholinesterase	RSC Advances	2022 (W)

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51	Dr. Amina Sadiq	M. Al-Rooqi, Q. A. Raja, R. J. Obaid, E. U. Mughal, A. Sadiq, N. Naeem, F. Saad, Z. Moussa and S. A. Ahmed	Recent Advancements on the Synthesis and Biological Significance of Pipecolic Acid and its Derivatives	Journal of Molecular Structure	2022 (X)
52	Dr. Amina Sadiq	R. Mehmood, E. U. Mughal, A. Sadiq, R. J. Obaid, S. W. A. Shah, N. Naeem, Y. Nazir, S. A. Ahmed	Synthesis of Novel 2,3-Dihydro-1,5-Benzothiazepines as Potential α -Glucosidase Inhibitors: In Vitro, In Vivo, Kinetic, SAR, Molecular Docking and QSAR Studies	ACS Omega	2022 (W)
53	Dr. Amina Sadiq	E. B. Elkaeed, S. Kausar, H. A. Al-Ghulikah, N. Naeem, A. A. Altaf, A. Sadiq	Theoretical Vibrational Spectroscopy (FT-IR), PED and DFT Calculations of Chromones and Thiochromones	Journal of Molecular Structure	2022 (X)
54	Ms. Aisha Saddiqa	Aisha Saddiqa, Iram Shahzadi, Muhammad Usman, Osman Çakmak & Salih Ökten	Facile, Expeditious and Cost-effective Preparation of N-Phthaloyl (S)-Amino Acids and Their in silico Activities against Staphylococcus Aureus	Organic Preparations and Procedures International	2022 (Y)
55	Dr. Jahan Zaib Arshad	Jahan Zaib Arshad, Muhammad Hanif	Hydroxypyridones in Drug Discovery: From Chelation Therapy to Rational Design of	RSC Medicinal Chemistry	2022 (X) IF: 3.470

			Metalloenzyme Inhibitors		
56	Dr. Jahan Zaib Arshad	Muhammad Sohail Bashir, Xiang Zheng Kong, Naveed Ramzan, Muhammad Arif, Humaira Bashir, Umiar Azhar, Jahan Zaib Arshad, Syed Shoaib Ahmad Shah, Fuzhou Wang	Systematic study on interfacial polymerization mechanism of toluene diisocyanate and water for the preparation of polyurea microspheres	Inorganic Chemistry Communications	2022 (X) IF: 3.428
57	Dr. Tauheeda Riaz	Sammia Shahid, Sana Mansoor, Mohsin Javed, Shahid Iqbal, Umair Yousaf, Hashem O. Alsaab, Nasser S. Awwad, Hala A. Ibrahim, Rami M. Alzhrani, Mashael D. Alqahtani, Nissren Tamam, Eslam B. Elkaeed, Sabah Zaman, Muhammad Nazim Sarwar and Tauheeda Riaz	CuO-GO-Ag; Green Synthesis with Fagonia Arabica and Biomedica Potential is a Bioinspired Nano Theranostics Composite	Frontiers in Materials	2022 (W) IF: 3.515
58	Dr. Tauheeda Riaz	Tauheeda Riaz, Ansa Munnwar, Tayyaba Shahzadi, Maria Zaib, Sammia Shahid, Mohsin Javed, Shahid Iqbal, Komal Rizwan, Muhammad Waqas, Bilal Khalid, Nasser S. Awwad, Hala A. Ibrahim, Majed A. Bajaber	Phyto-mediated synthesis of nickel oxide (NiO) nanoparticles using leaves' extract of Syzygium cumini for antioxidant and dyes removal studies from wastewater	Inorganic Chemistry Communications	2022 (X) IF: 2.39
59	Dr. Tauheeda Riaz	Tayyaba Shahzadi, Shazia Iqbal, Tauheeda Riaz & Maria Zaib	A comparative study based on localized surface plasmon resonance optical characteristics of green synthesized nanoparticles towards spectrophotomet	Journal of Taibah University for Science	Sep, 2022

			ric determination of cupric ions		
60	Dr. Tayyaba Shahzadi	Tauheeda Riaz Nabila Assey, Mohsin Javed, Tayyaba Shahzadi, Maria Zaib, Sammia Shahid, Shahid Iqbal, Eslam B. Elkaeed, Rami M. Alzhrani, Hashem O. Alsaab, Nasser S. Awwad, Hala A. Ibrahim, Urooj Fatima	Biogenic plant mediated synthesis of monometallic zinc and bimetallic Copper/Zinc nanoparticles and their dye adsorption and antioxidant studies	Inorganic Chemistry Communications	2022 (X) IF: 2.39
61	Dr. Tayyaba Shahzadi	Maria Zaib, Tabinda Malik, Naeem Akhtar, Tayyaba Shahzadi	Sensitive Detection of Sulphide Ions Using Green Synthesized Monometallic and Bimetallic Nanoparticles: Comparative Study	Waste and Biomass Valorization	2022 (W)
62	Dr. Tayyaba Shahzadi	Tayyaba Shahzadi, Asma Anwaar, Tauheeda Riaz & Maria Zaib	Sulfate and phosphate ions removal using novel nano-adsorbents: modeling and optimization, kinetics, isotherm and thermodynamic studies	International Journal of Phytoremediation	2022 (W)
63	Ms. Aafia Sheikh	Aafia Sheikh, Iqra Saleem, Safeer Ahmed, Muhammad Abbas, Athar Yaseen Khan	Investigation of physicochemical properties of NADES based on choline chloride and ascorbic acid and its binary solutions with DMSO from (298.15 to 353.15) K	Journal of Molecular Liquids	2022 (W)

64	Dr. Hafiz Muhammad Abd Ur Rahman	Muhammad Nadeem Asghar, Iqra Bisma, Muhammad Sohail, Asad Muhammad Khan, Hafiz Muhammad Abd Ur Rahman, Iram Nadeem	Spectroscopic, conductivity and voltammetric investigations of interaction of sulfamethoxazole alone and in combination with trimethoprim with self-assembled structures	Journal of Dispersion Science and Technology	2022 (W)
65	Dr. M. Usman Ashraf	khlood Forces alshehri, Khalid Alsubhi, M. U. Ashraf	BotSward: Centrality Measures for Graph-Based Bot Detection Using Machine Learning	CMC (Computers, Materials & Continua)	2022 (W) IF: 3.77
66	Dr. M. Usman Ashraf	Khalid Hamid, Muhammad Waseem Iqbal, Muhammad Usman Ashraf, Ahmed Mohammed Alghamdi, Adel A. Bahaddad and Khalid Ali Almarhabi	Optimized Evaluation of Mobile Base Station by Modern Topological Invariants	CMC (Computers, Materials & Continua)	2022 (W) IF: 3.77
67	Dr. M. Usman Ashraf	Rab Nawaz Bashir, Imran Sarwar Bajwa, Muhammad Waseem Iqbal, Muhammad Usman Ashraf, Ahmed Mohammed Alghamdi, Adel A. Bahaddad and Khalid Ali Almarhabi	Leaching Fraction (LF) of Irrigation Water for Saline Soils Using Machine Learning	IASC (Intelligent Automation & Soft Computing)	2022 (W) IF: 3.41
68	Dr. M. Usman Ashraf	Gulzar Ahmed, Waseem Iqbal, M. Usman Ashraf, Tahir Alyas, Ahmed Mohammed Alghamdi, Khalid Ali Almarhabi, Adel A. Bahaddad	Recognition of Urdu Handwritten Alphabet Using Convolutional Neural Network (CNN)	CMC (Computers, Materials & Continua)	2022 (W) IF: 3.77
69	Dr. M. Usman Ashraf	Mumtaz, Mamoona, Naveed Ahmad, M. Usman Ashraf, Ahmed Mohammed Alghamdi, Adel A. Bahaddad, and Khalid Ali Almarhabi	Iteration Causes, Impact, and Timing in Software Development Lifecycle: An	IEEE Access 10	2022 (W) IF: 3.75

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70	Dr. M. Usman Ashraf	Ahmad, Mubashir, Syed Furqan Qadri, M. Usman Ashraf, Khalid Subhi, Salabat Khan, Syeda Shamaila Zareen, and Salman Qadri	Efficient Liver Segmentation from Computed Tomography Images Using Deep Learning	Computational Intelligence and Neuroscience	2022 (W) IF: 3.6
71	Dr. M. Usman Ashraf	Muhammad Waseem Iqbal, M. Usman Ashraf, Khalid Hameed, Abaid Ur Rehman Virk, Ahmed Mohammed Alghamdi, Adel Aboud Bahaddad, Khalid Ali Almarhabi	K-Banhatti Sombor Invariants of Certain Computer Networks	CMC (Computers, Materials & Continua)	2022 (W) IF: 3.77
72	Dr. M. Usman Ashraf	Muhammad Akram, Muhammad Waseem Iqbal, Syed Ashraf Ali, Muhammad Usman Ashraf, Khalid Alsubhi, Hani Moaiteq Aljahdali	Triple Key Security Algorithm Against Single Key Attack on Multiple Rounds	CMC (Computers, Materials & Continua)	2022 (W) IF: 3.77
73	Dr. M. Usman Ashraf	Tufail, Hina, M. Usman Ashraf, Khalid Alsubhi, and Hani Moaiteq Aljahdali.	The effect of fake reviews on e-commerce during and after Covid-19 pandemic: SKL Based Fake Reviews Detection	IEEE Access	2022 (W) IF: 3.75
74	Dr. M. Usman Ashraf	Bukhsh, Madiha, Muhammad Saqib Ali, Muhammad Usman Ashraf, Khalid Alsubhi, and Weiqiu Chen	An Interpretation of Long Short-Term Memory Recurrent Neural Network for Approximating Roots of Polynomials	IEEE Access	2022 (W) IF: 3.75
75	Dr. M. Usman Ashraf	Mumtaz, Mamoona, Naveed Ahmad, M. Usman Ashraf, Ahmed Alshafut, Abdullah Alourani, and Hafiz Junaid Anjum	Modeling Iteration's Perspectives in Software Engineering	IEEE Access	2022 (W) IF: 3.75
76	Dr. M. Usman Ashraf	Muhammad Asif, Joshua Kiddy K. Asamoah, Mohammad Mazyad Hazzazi, Muhammad Usman Ashraf,	A Novel Image Encryption Technique Based on Cyclic Codes	Computational Intelligence and Neuroscience	2022 (W) IF: 3.6

		Adel R. Alharbi, and Ahmed M. Alghamdi	over Galois Field		
77	Dr. M. Usman Ashraf	Muhammad Asif, Sibgha Mairaj, Zafar Saeed, M. Usman Ashraf, Kamal Jambi, and Rana Muhammad Zulqarnain	A Novel Image Encryption Technique Based on Mobius Transformation	Computational Intelligence and Neuroscience	2022 (W) IF: 3.6
78	Dr. Hira Tariq	Akram, G., Abbas, M., Tariq, H., Sadaf, M., Abdeljawad, T., Alqudah, M.A.	Numerical Approximations for the Solutions of Fourth Order Time Fractional Evolution Problems Using a Novel Spline Technique	Fractal and Fractional	2022 (X) IF: 3.58
79	Dr. Arfa Waseem	Ama-Tul-Mughani, Q., Waseem, A., Salam, W., Jawad, A.	Greybody factor and thermal fluctuations of rotating regular black hole bounded by PFDM	Chinese Journal of Physics	2022 (W) IF: 3.96
80	Dr. Sundas Khan	Khan, S., Budak, H.	On fractional Simpson type integral inequalities for coordinated-convex functions	Journal of Inequalities and Applications	2022 (W) IF: 2.49
81	Dr. Sundas Khan	Khan, S., Budak. H.	On Midpoint and Trapezoid type inequalities for multiplicative integrals	Mathematica	2022 (Y) IF: 0.70
82	Dr. Musavarah Sarwar	Sarwar, M., Zafar, F., Majeed, I.A., Javed, S.	Selection of suppliers in industrial manufacturing: A fuzzy rough PROMETHEE approach	Mathematical Problems in Engineering	2022 (X) IF: 1.43
83	Dr. Musavarah Sarwar	Akram, M., Shahzadi, S., Rasool, A., Sarwar, M.	Decision making methods based on fuzzy soft competition hypergraphs	Complex and Intelligent Systems	2022 (X) IF: 6.70

84	Dr. Tariq Mahmood	Muhammad Azhar Nazir, Tariq Mahmood, Naeem Akhtar, Kashif Hussain, Waheed S. Khan, Muhammad Asad Waqar, Fazal-E-Aleem, Aamir Saeed, Muhammad Fareed-Un-Nabi Saqi, Jafar Raza	Effect of high pressure on structural, electrical, and optical properties of graphene-like zinc oxide (g-ZnO) structure	Materials Science in Semiconductor Processing	2022 (W)
85	Dr. Tariq Mahmood	K. Hussain, P.H. Du, T. Mahmood, Y. Kawazoe, Q. Sun	Three-dimensional tetrahexcarbon: Stability and properties	Materials Today Physics	2022 (W)
86	Dr. Tariq Mahmood	Muhammad Rizwan, H.M. Naeem Ullah, S.S.A. Gillani, Sheraz Ahmad, Tariq Mahmood	Photocatalytic and optical properties of (Mg:La) CaTiO ₃ : Insights from first principles studies	Journal of Physics and Chemistry of Solids	2022 (W)
87	Ms. Samia Naeem	Samia Naeem, Waqas Younus, Attia Awan, Naveed Ahmad, M. Javaid Iqbal,	Electrochemical Performance and Large Positive-Negative Magnetodielectric	Arabian Journal of Chemistry	2022 (W)
88	Dr. Babar Shahzad Khan	Faiqa Barkat, Marina Afzal, Babar Shahzad Khan*, Adnan Saeed, Mahwish Bashir, Aiman Mukhtar *, Tahir Mehmood and Kaiming Wu	Formation Mechanism and Lattice Parameter Investigation for Copper-Substituted Cobalt Ferrites from Zingiber officinale and Elettaria cardamom Seed Extracts Using Biogenic Route	Materials	Jun, 2022 (W)
89	Dr. Mahwish Bashir	Mahwish Bashir, Farzana Majid, Summeiya Akram, Adnan Ali, Shaimaa A.M.Abdelmohsen	Biodegradation of gelatin stabilized tetragonal zirconia	Journal of the Mechanical Behavior of Biomedical Materials	2022 (W)

			synthesized by microwave assisted sol-gel method		
90	Dr. Mahwish Bashir	Mahwish Bashir, Farzana Majid, Sadia Ata, Abdul Malik, Talat Zeeshan, Naveed A Norr	Facile Green Synthesis Approach for the Production of Super-Paramagnetic Fe ₃ O ₄ Nanoflakes and Their Antimicrobial Activity	Social Science Research Network	2022 (X)
91	Dr. Mahwish Bashir	Farzana Majid, Mahwish Bashir, Ismat Bibi, Ali Raza, Safa Ezzine, Norah Alwadi, Munawar Iqbal	ZnO nanofibers fabrication by hydrothermal route and effect of reaction time on dielectric, structural and optical properties	Journal of Materials Research and Technology	Jun, 2022 (W)
92	Dr. Hafiza Mamoon a Nazir	Maria Qurban, Mohamad Almazah and Mamona Nazir	Improvement towards prediction Accuracy of principle Mineral Recourses using threshold	Mathematical problems in Engineering	Mar, 2022 (W) IF: 1.305
93	Dr. Hafiza Mamoon a Nazir	Sadaf Kayani, Manzoor Hussain, Mushtaq Ahmad and Mamona Nazir	Morpho-palynological investigation of gymnospermal flora from subalpine and alpine zones of northern Pakistan using LM and SEM	Microscopy Research and technique	2022 (W) IF: 2.769
94	Ms. Wajiha Nasir	Fareeha Nosheen and Wajiha Nasir	Forecasting of imports and exports in Pakistan :A comparison of	Journal of Economics and Management Sciences Spring	2022 (Y)

			some time series methodology		
95	Dr. Asma Waheed Qureshi	Asma Naeem, Asma Waheed Qureshi, Shafia Arshad, Anila Shahzadi, Asim Kamran, Shehla Noreen	Biochemical toxic response of phosphine on human health estimated from enzymatic variance in <i>Trogoderma granarium</i>	Dose-Response	2022 (W) IF: 2.658
96	Dr. Asma Waheed Qureshi	Rafiq Ullah, Asma Waheed Qureshi, Abdul Sajid, Imad Khan, Asad Ullah, Raheela Taj	Per Percentage, Incidences of Bacteria in Mahseer (<i>Tor putitora</i>), Silver carp (<i>Hypophthalmichthys molitrix</i>) Fish Collected from Hatcheries and Local Markets of District Malakand and Peshawar of Khyber Pakhtunkhwa, Pakistan	Brazilian Journal of Biology	2022 (X) IF: 1.266
97	Dr. Sajida Mushtaq	Arbab Yaseen, Muhammad Jala Arif, Waqar Majeed, Emad M.ed, Muhammad Naeem, Sajida Mushtaq, Safi Ur Rehman amar, Kiaenat Nazir	Determination of the hormoligosis of organophosphate insecticides against <i>Phenacoccus Solenopsis</i> (Hemiptera: Pseudococcidae) : Possible control of insecticide resistance development	Brazilian Journal of Biology	2022 (X) IF: 1.65
98	Dr. Sajida Mushtaq	Muhammad Naeem, Saba Manzoor, Mashhud-ul-Hasan Abid, Muhammad Burhan	Proteases as Emerging Biocatalysts to Meet the Current	Journal of Fungi	2022 (W) IF: 5.72I

			Challenges of		
99	Dr. Sajida Mushtaq	Khan Tareen, Mirza Asad, Sajida Mushtaq, Nazia Ehsan, Dua Amna, Baojun Xu, Abu Hazafa	Biomedical Therapies and Recent Developments: An Updated Review	Journal of Fungi	2022 (W) IF: 5.721
10	Dr. Sadia Maalik	Muhammad Idrees, Muhammad Dildar Gogi, Waqar Majeed, Mobeen Mozamal, Hafiz Muhammad Imran, Sobia Kanwal and Sadia Maalik	Hormonoligosis Evaluation and Efficacy of Fenoxycarb on the Cotton Mealybug (Phenacoccus solenopsis)	Brazilian Archives of Biology and Technology	2022 (W) IF: 0.579
10	Dr. Sajida Mushtaq, Dr. Sadia Maalik	Ayesha Asghar, Omema Qadeer, Sajida Mushtaq, Sadia Maalik, Waqar Majeed, Naheed Bano, Shahla Nargis	Assessment of insects diversity with the influence of industrial pollutants in agricultural zones of district Sialkot	Biodiversitas Journal of Biological Diversity	2022 (Y)
10	Dr. Sadia Maalik, Dr. Sajida Mushtaq, Dr. Moazama	Sadia Maalik, Sajida Mushtaq, Moazama Batool, Nazia Ehsan, Naheed Bano and Ayesha Hafeez	Approximation of agricultural loss caused by pernicious larvae of Helicoverpaarmigera (Noctuidae; Lepidoptera) by analysis of feeding potential on selected plants	Journal of Entomological Research	2022 (Y)
10	Dr. Sajida Mushtaq, Dr. Sadia Maalik	Muhammad Yaseen, H.A. Khan, W. Majeed, Sajida Mushtaq, A. Hedfi, Sadia Maalik, M. Ben Ali, S. Mustafa, S. Kanwal and S. Tahreem	Investigation of roost composition of passerine birds in different environmental condition	Brazilian Journal of Biology	2022 (X) IF: 1.65
10	Dr. Moazama Batool	M.U. Ijaz, M. Batool, K.A. Al-Ghanim, S. Shahzadi, A. Samad, A. Ashraf, F. Al-	A study on the curative effect of nobiletin on	Journal of King Saud University – Science	2022 (W) IF: 4.011

		Misned, A. Mustafa, S. Mahboob	paraquat induced toxicity in rat		
10	Dr. Moazam a Batool	Amber Iqbal, Mahroze Fatima, Syed Z. H. Shah, Muhammad Afzal, Moazama Batool, Naheed Bano, Ayesha Khizar, Maida Mushtaq, Sumbal Iqbal	Effect of Refrigerated Storage on Fillet Quality of Vitamin E Fed Rohu, Labeo rohita	Pakistan Journal of Zoology	2022 (X) IF:0.831
10	Dr. Moazam a Batool	Uzma Zulfiqar, Mahroze Fatima, Syed Zakir Hussain Shah, Muhammad Afzal, Shazia Shamas, Sadia Roshan, Moazama Batool and Muhammad Bilal	Assessment of Dietary Requirement of Vitamin E for Rohu, Labeo rohita fingerlings fed practical diet	Pakistan Journal of Zoology	2022 (X) IF: 0.831
10	Dr. Qurat-Ul-Ain	Ain, Q.U., David, M., Ijaz, M.U., & Jahan, S.	Assessment of antiandrogenic and antispermatogenic activity of Hedera nepalensis in adult male rats	Andrologia	2022 (X) IF: 2.77
10	Dr. Qurat-ul-Ain	Mustafa, S., Ijaz, M.U., Ain, Q.U., Afsar, T., Almajwal, A., Shafique. H., & Razak. S.	Isorhamnetin: a flavonoid, attenuated doxorubicin-induced testicular injury via regulation of steroidogenic enzymes and apoptotic signaling gene expression in male rats	Toxicology Research	2022(X) IF: 3.52
10	Dr. Yaar Muhammad	Anwar, S., Muhammad, Y., & Bokhari, T. B.	Teachers' intentions & challenges concerning e-assessment at the virtual university of Pakistan: A phenomenological study	Research Journal of Social Sciences & Economics Review	2022 (Y)

11	Dr. Yaar Muhammad	Arshad, A., Muhammad, Y., & Waqar, Y.	Elementary school teachers' lived experiences in online teaching during COVID-19 pandemic.	Asian Social Studies and Applied Research	2022 (Y)
11	Dr. Yaar Muhammad	Aslam, A., Muhammad, Y., & Nasir, L.	Transgender students' experiences of bullying: Some case study evidence	Global Social Sciences Review	2022 (Y)
11	Dr. Yaar Muhammad	Atta, A., Muhammad, Y., & Mahmood, A.	Prospective teachers' understanding of good citizenship: Evidence from two case studies	International Review of Basic and Applied Sciences	2022 (Y)
11	Dr. Yaar Muhammad	Diana, N. K., Muhammad, Y., & Raauf, A..	Perception of national identity: An interview study of teachers in Gilgit Baltistan	Journal of Educational Research & Social Sciences Review	2022 (Y)
11	Dr. Yaar Muhammad	Hani, U. E., Muhammad, Y., & Mahmood, A.	Managing group work in the social studies classrooms in elite schools: An analysis of teachers' beliefs and practices	Global Educational Studies Review	Aug, 2022 (Y)
11	Dr. Yaar Muhammad	Iqbal, H., Muhammad, Y., & Waqar, Y.	Challenges in learning to design constructively aligned courses: Evidence from two case studies	International Review of Basic and Applied Sciences	Apr, 2022 (Y)
11	Dr. Yaar Muhammad	Khalid, T., Muhammad, Y., & Siddiqui, M.	Cultivating global citizenship among secondary school students: Pre-	Global Social Sciences Review	2022 (Y)

			service teachers' beliefs		
11	Dr. Yaar Muhammad	Khawaja, F. F., Muhammad, Y., & Siddiqui, M.	The lived experiences in learning qualitative research: An exploratory analysis of muffled voices	Global Educational Studies Review	2022 (Y)
11	Dr. Yaar Muhammad	Khokhar, A. J., & Muhammad, Y.	An imagined space with an imagined time: Analysis of English language textbooks used in state schools in Pakistan	Citizenship Teaching & Learning	2022 (Y)
11	Dr. Yaar Muhammad	Nasir, H., Muhammad, Y., & Bokhari, T. B.	Elite schools principals' concerns and beliefs regarding beginning teachers' classroom management skills: A qualitative study	Journal of Educational Research & Social Sciences Review	2022 (Y)
12	Dr. Yaar Muhammad	Naveed, M., Muhammad, Y., & Siddiqui, M.	Influence of virtual professional development on teachers' online classroom management practices: An interview study	Global Educational Studies Review	2022 (Y)
12	Dr. Yaar Muhammad	Naz, M., Muhammad, Y., & Mahmood, A.	Stress and burnout: An interpretive phenomenological analysis of elite school teachers' beliefs and experiences	Global Sociological Review	2022 (Y)
12	Dr. Yaar	Pirzada, G., Muhammad, Y., &	Influence of	Asian Social Studies and	2022

	Muhammad	Mahmood, A.	vocational art and design education in Gilgit-Baltistan: The graduates' perceptions	Applied Research	(Y)
12	Dr. Yaar Muhammad	Pirzada, G., Muhammad, Y., & Mahmood, A.	Working girls' education and life goals: A multiple case study of mothers' perspectives	Global Sociological Review	2022 (Y)
12	Dr. Yaar Muhammad	Sharjeel, M., Muhammad, Y., & Waqar, Y.	Primary students' online learning during covid-19 pandemic: Perspective of mothers	Global Regional Review	2022 (Y)
12	Dr. Yaar Muhammad	Zafar, A. H., Muhammad, Y., & Bokhari, T. B.	University students' perspectives on online teaching practices during the covid-19 pandemic: A qualitative study	Research Journal of Social Sciences & Economics Review	2022 (Y)
12	Dr. Fasiha Altaf	Altaf, F., Hashmi, A. & Khan. S., Habib.M.	A Study of National Professional Standards for ESL Teachers at Primary Level	Webology	2022(X)
12	Dr. Fasiha Altaf	Gull, M., Ch, T. A., Altaf, F., & Ch, A. H.	Cost-Benefit Analysis Of Diploma Of Associate Engineers (DAE)	Webology	2022(X)
12	Dr. Fasiha Altaf	Saeed, M., Gull, M., & Altaf, F.	Effectiveness of Technical and Vocational Education: A Meta-Analysis	Pakistan Journal of Educational Research and Evaluation	2022(Y)
12	Dr. Fasiha	Farooq. U., Altaf, F., Kashif, F.M.,	Moral Reasoning Stages of	Pakistan Languages and Humanities Review	2022 (Y)

	Altaf		Elementary School Students		
13	Dr. Fasiha Altaf	Farooq. U., Kashif, F.M., &Alatf, F.	Head Teachers' Level of Morality in Relation to their Age and Experience	Journal of Development and Social Sciences	2022 (Y)
13	Dr. Muhammad Jamil	Sajid, S.M., Jamil, M., & Mohammad, N.	Exploring Organizational Environment of Public Universities of Punjab	Global Educational Studies Review	2022(Y)
13	Dr. Muhammad Jamil	Mohammad, N. Sajid, S.M., & Jamil, M.	Teachers' Empowerment and organizational commitment: A perceived perspective of Secondary School Teachers in Punjab	Global Regional Review	2022 (Y)
13	Dr. Muhammad Jamil	Sajid, S.M., Jamil, M., & Abbas, M.	Relationship between organizational environment and teacher's citizenship behaviour at public universities of Punjab	Global Educational Studies Review	2022(Y)
13	Dr. Muhammad Jamil	Sajid, S.M., Jamil, M., & Abbas, M.	Impact of teachers' work-family conflict on the performance of their children	Jahan-e-Tehqeeq	2022(Y)
13	Dr. Muhammad Jamil	Abbas, M, Tariq, S., & Jamil, M.	Continuous Professional Development (CPD) and Quality Education of	Global Educational Studies Review	2022 (Y)

			Primary School Teachers: A Quantitative Study in Lahore, Punjab		
13	Ms. Gulnaz Akbar	Akbar. G., & Nausheen.M.	Factors Influencing the choice of teaching and research productivity of university teachers: A qualitative perspective	Global Educational Studies Review	2022 (Y)
13	Ms. Gulnaz Akbar, Dr. Fasiha Altaf	Akbar, G., Altaf. F., & Farooq. U.	Implementation of E-Learning in Public and Private Schools: Impact of COVID-19 Pandemic	Journal of Development and Social Sciences	2022 (Y)
13	Ms. Amna Fayyaz	Fayyaz,A and Abdulaziz,M	Use of Reporting Verbs in Research Articles by Pakistani Authors: A Corpus Based Study	Corporum: Journal of Corpus Linguistics	2022 (Y)
13	Dr. Syeda Sadia	Dr. Syeda Sadia	The Impact of Islamophobia on Society, Attitude, Policies and the Youth	Epistemology	2022 (Y)
14	Dr. Syeda Sadia	Dr. Syeda Sadia	Nikah Maysar/ Misfar and Social and Legal Rights of Women Analytical Study	Al Qawarir	2022 (Y)
14	Dr. Syeda Sadia	Dr. Syeda Sadia	Religious Authority and its role in peacemaking; An appraisal in	Al Basirah	2022 (Y)

			perspective of national narrative for peace		
14	Dr. Amir Hayat	Dr. Sumera Rabia, Dr. Maryam Saleem, Dr. Amir Hayat	Moral justification of Euthanasia: Specialized study of western Thoughts	Al Azhar	2022 (Y)
14	Dr. Amir Hayat	Dr. Muhammad Tariq Ramzan, Dr. Amir Hayat	جنگی قیدیوں کے حقوق اور تحلیل اسیری کے اسالیب اسلامی بین الاقوامی قوانین اور بین الاقوامی قانون انسانیت کا تقابلی مطالعہ	Pakistan Journal of Islamic Philosophy	2022 (Y)
14	Dr. Amir Hayat	Dr. Amir Hayat, Dr. Sumera Rabia	Impact of Islamic Mysticism on work behaviors : An analytical study	Al Duhaa	Jun, 2022 (Y)
14	Dr. Aqsa	Dr. Aqsa, Dr. Abdul Basit Khan	Opinion of Contemporary Jurists and Fiqh Academies on Aquatic Animlas: An Analytical Study	Al Wifaq	2022 (Y)
14	Dr. Aqsa	Dr. Aqsa, Aqeel Ahmed	The Arrangement and Harmony of Musabbihat from Beginning to the End (In the Light of Selected Exegeses)	Malakand University Research Journal of Islamic Studies	2022 (Y)
14	Dr. Aqsa	Dr. Aqsa, Dr. Abdul Basit Khan	The Shari'ah Rulings about the Permissibility of Reptiles (An Analytical Review)	Epistemology	2022 (Y)

14	Ms. Asma Naz	Ms. Asma Naz	The Hypocrisy in the light of Quran and Sunnah	AL EEQAZ	2022 (Y)
14	Dr. Sumera Rabia	Ayesha Ijaz, Dr. Sumera Rabia	استخفاف حدیث اور فراہمی مکتبہ فکر	Mujalla Uloom e Islamia	2022 (Y)
15	Ms. Bakhtawar Siddique	Dr. Waleed Khan, Dr. Hafiz Muhammad Saleem, Ms. Bakhtawar Siddique	Analysis of Islamic Ideological Themes and their management in the light of Quran and Sunnah	Indian Journal of Economics and Business	2022 (X)
15	Dr. Waleed Khan	Ms. Samina Batool, Dr. Oumar Saleem, Dr. Waleed Khan	Ethics of war in Islamic perspective	Webology	2022 (X)
15	Dr. Waleed Khan	Dr. Zafar Iqbal, Dr. Irum Sultana, Dr. Waleed Khan	Islamic concepts of Economics and contemporary challenges	Webology	2022 (X)
15	Dr. Waleed Khan	Dr. Naseem Mahmood, Dr. Abdul Aleem, Dr. Asjad Ali, Dr. Waleed Khan	Islamic perspective on Gender Rights	Webology	2022(X)
15	Dr. Waleed Khan	Fakhira Tahseen, Dr. Waleed Khan	The impacts of Corona Epidemic on Pakistan society; Social problems and their solutions in the light of Islamic Shariah	Al Asr Research journal	2022(Y)
15	Dr. Waleed Khan	Dr. Waleed Khan	Intelligence system during muslim rule; A research study in contemporary perspectives	Al Manhal Research Journal	2022 (Y)
15	Dr. Muhammad Muzaffar	Robina Khan, Muhammad Muzaffar and Ghulam Mustafa	Pakistan-India Water Conflict: A Causal Analysis	Annals of Social Sciences and Perspective	2022 (Y)
15	Dr. Zahid	Zahid Yaseen, Muhammad	India's Soft	Journal of Indian Studies	2022

	Yaseen	Muzaffar and Imran Khan	Power Potential: A Case Study of Components and Goals of Indian Public Diplomacy		
15	Dr. Zahid Yaseen	Dr. Zahid Yaseen, Dr. Siti Zakiah Bt Melatu Samsi, Dr. Yeo Sook Fern	Human Security Challenges to Pakistan (Militancy, Water Scarcity, Food & Environment Shortage)	Webology	2022 (X)
15	Dr. Umara Rauf	Rauf, U., Muhammad, S., Sarwar, U., & Asif, S	Impact of Bullying Behavior on Mental Health and Quality of Life Among Pre-Adolescents and Adolescents in Sialkot-Pakistan	Pakistan Journal of Humanities and Social Sciences	2022 (Y)
16	Dr. Umara Rauf	Shahid, M., Cao, Y., Shahzad, M., Saheed, R., Rauf, U., Qureshi, M. G., Hasnat, A., Bibi, A., & Ahmed, F.	Socio-Economic and Environmental Determinants of Malnutrition in under Three Children: Evidence from PDHS-2018	Children	2022 (Y) IF: 2.8
16	Dr. Umara Rauf	Shahid, M., Cao, Y., Ahmed, F., Raza, S., Guo, J., Malik, N. I., Rauf, U., Qureshi, M.G., Rafit, S., & Maryam Rohma.	Does Mothers' Awareness of Health and Nutrition Matter? A Case Study of Child Malnutrition in Marginalized Rural Community of Punjab, Pakistan	Frontiers in Public Health	2022 (W) IF: 3.7
16	Ms. Uzma Sarwar	Sarwar, U., Gul, M., Anjum, R., & Khwaja, A.O	Gratitude, hope and stress appraisal in caregivers of	Rawal Medical Journal	2022 (Y)

			cardiovascular disease		
16	Dr. Razia Anjum	Anjum,R., & Bano,Z	Predictive effects of Temperament on Delinquency: Study of Inmates	Pakistan Journal of Criminology	2022 (Y)
16	Dr. Razia Anjum	Naz, I., Bano, Z., & Anjum, R.	Construct and criterion validity of adjustment scale for adults using the correlation and Receiver-Operating Characteristics Analysis	Rawal Medical Journal	2022 (Y)
16	Ms. Salbia Abbas	Abbas, S., Malik, A., Rafique,M.	Budding Marriage, Life satisfaction and quality of life among female students in Sialkot	Global Sociological Review	2022 (Y)
16	Ms. Salbia Abbas	Abbas, S., Hanif, R., Batool, I., Ashraf, M., Afzal, T., Rafique, A.	The Analysis of Association between Mindfulness, Religiosity and Psychological Well-being among female University Students	Pakistan Journal of Medical and Health Sciences	2022 (Y)
16	Ms. Salbia Abbas	Abbas,S.,Abbas,S.Razzaq,A., Amjad,N.,Jameela.	Obesity, social support and quality of life among young female adults in Sialkot	Internal Medicine	2022 (X) IF: 0.95
16	Ms. Salbia Abbas	Idrees,L.,Abbas,S.,Abbas,S.,Rani,S.Batool,A.Nisak,	Impact of menopause on psychological well-being of women in Sialkot	Internal Medicine	2022 (X) IF: 0.95

16	Ms. Salbia Abbas	Fahrin,F.,Nisak,Hidayat,M.Abbas,Usia,A.,Tenaghan,T.,	The Effect of “Kids Moderations” Interactive Multimedia on Religious Moderation Attitudes in Early Childhood	Indonesian Journal of Educational Research and Review	2022 (Y) IF: 1.78
17	Ms. Salbia Abbas	Abbas,S.,Abbas,S.Razzaq,A.,Tanveer,A.,Imnan,S.	The Analysis of Relationship Between Religiosity, Resilience and Burnout Among Nurses Working in Emergencies of Hospitals in Sialkot	Internal Medicine	2022 (X) IF: 0.95
17	Ms. Salbia Abbas	Abbas,S.,Abbas,S.,Ahmed,K.,Shahid,H.,Noreen,S.	Impact of Dementia on Life Satisfaction Happiness and Quality of Life among Elderly People in Sialkot	Internal Medicine	2022 (X) IF: 0.92
17	Ms. Salbia Abbas	Abbas,S.,Naseer,F.,Aqeel,F.Zahid,M.,Abid,M.,Ashiq,F.	Association Between Public Self-Consciousness, Psychological Wellbeing and Physical Health Among University Students in Sialkot	Pakistan Journal of Medical and Health Sciences	2022 (Y)
17	Dr. Muhammad Umair Ashraf	Ataul Karim Patwary, Muharis Mohamed, Md Karim Rabiul, Waqas Mehmood, Muhammad Umair Ashraf & Adamu Abbas Adamu.	Green Purchasing Behavior of International Tourists in Malaysia Using Green Marketing Tools: Theory of Planned Behavior	Nankai Business Review International	Jan, 2022 (Y)

			Perspective		
17	Dr. Muhammad Umair Ashraf	Muhammad Umair Ashraf ¹ , Asfa Ashraf ² , Muhammad Imran ³ and Manzoom Akhter ⁴	Impact of Climate Change on Agriculture Sector in Pakistan: A Case of District Lodhran, Southern Punjab-Pakistan	Journal of life and Social Sciences	2022 (X)
17	Dr. Muhammad Afzal Butt	Dr. Muhammad Afzal Butt	جنگ آزادیوں کے سرسید تحریک کے اردو ادب (نثر) پر اثرات ایک جائزہ	Makhz	2022
17	Dr. Muhammad Afzal Butt	Dr. Muhammad Afzal Butt, Dr Rifat Choudhry	علامہ محمد اقبال، ضربِ کلیم اور عصری مسائل	Tahqeeq Nama	2022
17	Dr. Muhammad Afzal Butt	Dr. Muhammad Afzal Butt, Dr. Tahir Abbas Tayib	اردو اور پاکستانی زبانوں کے مشترک عناصر کا مختصر جائزہ	Idrak	2022
17	Dr. Muhammad Afzal Butt	Dr. Rifat Choudhry, Dr. Muhammad Afzal Butt	علامہ محمد اقبال کا تصور اصلاح تمدن اور مسلم دنیا	Zaban-o-Adab	2022
17	Dr. Muhammad Afzal Butt	Muhammad Yousaf, Dr. Muhammad Afzal Butt	جدید پاکستانی افسانے میں بدلتی ہوئی ثقافتی اقدار کا اظہار	Al-Hamd Research	2022
18	Dr. Muhammad Afzal Butt	Dr. Tahir Abbas Tayib, Dr. Muhammad Afzal Butt	پاکستانی اردو افسانے کی تشکیل میں انتظار حسین کا کردار	Journal of Research	2022
18	Dr. Tahir Abbas Tayib	Dr. Tahir Abbas Tayib/ Dr. M Afzal Butt	Intezar Hussain's contribution to the formation of Pakistani short Story	Journal of Research Urdu BZU, Multan	2022
18	Dr. Tahir Abbas Tayib	Gul Afshan, Dr. Tahir Abbas Tayib	An Analysis of Gabriel Garcia Marquez's Novel "One Hundred Years of Solitude"	Khayaban University of Peshawar	2022
18	Dr. Tahir	Dr. M Afzal Butt, Dr. Tahir	Urdu aur	Idrak Hazara University,	2022

	Abbas Tayib	Abbas Tayib	Pakistani zabanon ke mushtarik anasir ka mukhtasir jaiza	Mansehra	
18	Dr. Muhammad Nasrullah	Dr. Muhammad Nasrullah	Urdu afsane mein buzurg danishmand ka archetype	Bunyard	2022
18	Dr. Shagufta Firdous	Dr. Aneela Saleem	رپورٹاژ کا فن اور "شمالی امریکہ میں اردو رپورٹاژ" اجمالی جائزہ	Research Journal (Urdu)	2022
18	Dr. Shagufta Firdous	Dr. Yasmeen Kauser	کلام اقبال میں قرآنی تلمیحات	Pakistan Journal of Islamic Philosophy	2022
18	Dr. Shagufta Firdous	Dr. Shagufta Firdous	صغیر افرام کی افسانہ نگاری: ایک جائزہ	Tarjihaat	2022
18	Dr. Raheel Yasin	Raheel Yasin, Ghulam Jan, Adyan Huseynova and Muhammad Atif	Inclusive Leadership and Turnover Intention: The Role of Follower Leader Goal Congruence and Organizational Commitment	Management Decision	2022 (W)
18	Dr. Muhammad Umer Farrukh	Muhammad Umar Farrukh*, Muhammad Khalid Bashir, Maria Fay Rola-Rubzen, Ashfaq Ahmad	Dynamic effects of urbanization, governance, and worker's remittance on multidimensional food security: An application of a broad-spectrum approach	Socio-Economic Planning Sciences	2022 (W) IF: 4.641
19	Dr. Muhammad Umer Farrukh	Nabila Amin, Huaming Song, Muhammad Umar Farrukh	Does sectoral modernization promote CO2 emissions? Dynamic panel analysis of selected Asian	Environmental Science and Pollution Research	2022 (W) IF: 5.190

			countries		
19	Dr. Iqra Mushtaq	Mirza, F. M., & Mushtaq, I.	Estimating the marginal cost of improving services quality in electricity distribution utilities of Pakistan	Energy Policy	2022 (W) IF: 6.14
19	Dr. Faisal Munir	Faisal Munir, Prof. Dr. Muhammad Yousuf Sharjeel, Muhammad Sibt-e-Ali, Mahnaz Aslam, Noman Ali	Measuring Spatial Inequality In Livability Index Using Microdata In Pakistan	Webology	2022 (X)
19	Dr. Faisal Munir	Faisal Munir, Irfan Hussain Khan, Maimoona Javed, Muhammad Sibt-e-Ali, Laila Zaib	Understanding Social Inequalities in Pakistan: An Intersectionality Perspective on Ethnicity, Income, and Education	International Journal of Special Education	2022(X)
19	Dr. Shahla Andleeb	Saud, Shah., Hassan, Shah., Xiong, Liangbing., Sun, Xiaoyang., Andleeb, Shahla., Fahad, Shah	The physiological function and molecular mechanism of hydrogen sulfide resisting abiotic stress in plants.	Brazilian Journal of Botany	2022 (W)
19	Dr. Khalil Ur Rehman	AlObaid, Abeer, Khalil Ur Rehman, Shahla Andleeb, Kehinde O. Erinle, and Adeel Mahmood	Capacity assessment of carbon-based nanoparticles in stabilizing degraded soils	Journal of King Saud University-Science	2022 (W)
19	Dr. Khalil Ur Rehman	Javaria Muneer, Abeer AlObaid, Rizwan Ullah, Khalil Ur Rehman, Kehinde O. Erinle	Appraisal of toxic metals in water, bottom sediments and fish of fresh water lake	Journal of King Saud University – Science	2022 (W)
19	Dr. Adeel	Asifa Alama, M. Nawaz Chaudhry, Adeel Mahmood,	Development and Application	Saudi Journal of Biological Sciences	2022 (W)

	Mahmood	Sajid Rashid Ahmad, Talib E. Butt	of Conceptual Framework Model (CFM) of Environmental risk Assessment of Contaminated Lands		
19	Dr. Adeel Mahmood	Asifa Alama, M. Nawaz Chaudhry, Sajid Rashid Ahmad, Adeela Batool, Adeel Mahmood	Application of EASEWASTE model for assessing environmental impacts from solid waste landfilling	Archives of Environmental Protection	2022 (W)
19	Dr. Adeel Mahmood	Arifa Shafqat, Arifa Tahir, Waheed Ullah Khan, Adeel Mahmood and Ghulam Hassan Abbasi	Production and Characterization of Rice Starch and Corn Starch Based Biodegradable Bioplastic Using Various Plasticizers and Natural Reinforcing Fillers	Cellulose Chemistry and Technology	2022 (W)
20	Dr. Muhammad Mobeen Shafqat	Ahmad, A., Shafqat, M.M., Ilyas, M., Ashraf, M. U., & Urooj, A.	Validation of the environmental Kuznets curve and role of economic globalization: an aggregate and sectoral analysis of an Indian economy.	Air Quality, Atmosphere & Health	(W)
20	Dr. Muhammad Mobeen Shafqat	Shujah-ur-Rahman, Ahmad, I., Madureira, L., & Shafqat, M. M.	The impact of auditors' gender on the quality of financial reporting: a comparative study of auditors with accounting expertise.	Cogent Business & Management	X Category
20	Dr. Muhammad	Mohsin, M., Mehak, A.,	Risk	Frontiers in Sustainable	W

	mmad Mobeen Shafqat	Shafqat, M. M., & Luyao, Z.	identification and mitigation among rice farmers in Pakistan: a fuzzy-AHP multi-criteria decision-making approach.	Food Systems, 8	Category
20	Dr. Muhammad Mobeen Shafqat	Khalid, J.; Chuanmin, M.; Altaf, F.; Shafqat, M.M.; Khan, S.K.; Ashraf, M.U	AI-Driven Risk Management and Sustainable Decision-Making: Role of Perceived Environmental Responsibility.	Sustainability	W Category
20	Dr. Yasin, Munir and Dr. Muhammad Mobeen Shafqat,	Adil, M., Ghafoor, M. M., Shafqat, M. M., Munir, Y., & Murtaza, G.	Exploring the Relationship Between Board structure and Firm Performance using Meta-Analysis: Moderating Role of Firm Age and Firm Size.	Journal of Applied Research and Multidisciplinary Studies	Y Category
20	Dr. Yasin Munir and Dr. Muhammad Mobeen Shafqat ,	Muhammad Mobeen Shafqat, Waliha Choudhary, Yasin Munir, Jamshed Khalid	The Relationship between Trade Openness and Financial Development with Moderating Role of Inflation: Case of BRICS Countries	Advances in Business and Commerce (ABC) Vol. 3 No. 1	Y Category
20	Dr. Muhammad Mobeen Shafqat	Azam, A., Begum, F., Shafqat, M.M., Khel, M.G.K., Shabbir, B.	The Impact of Comprehensive Income Volatility on Market Risk in Pakistan.	International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies	Y
20	Dr. Syed Waqar Haier, Dr.	Haider, S., Rattanawiboonsom, V., Hashmi, H. B. A., Fatima, T., & Shafqat, M.	Interpretive Structural Model Approach to Mobile Banking	International Journal of Business Innovation and Research	Y category

	Muhammad Mobeen Shafqat		Adoption in a Rapidly Growing Economy: a Banking Expert's Perspective.		
20	Dr. Muhammad Mobeen Shafqat	Gul, M., Shafqat, M., Begum, F., & Azam, A.	The Impact of Employee Behavior on CSR Pursuance Motivation.	Alhamd Multidisciplinary Research Journal, 2(1), 188-205	Y
20	Dr. Syed Waqar Haider	Maryam, S. Z., Ahmed, A., Haider, S. W., & Akhter, T.	Explicating the adoption of an innovation Fintech Value Chain Financing from Aarti (Middlemen) perspective in Pakistan.	African Journal of Science, Technology, Innovation and Development	X
21	Dr. Muhammad Mobeen Shafqat, Dr. Yasin Munir	Rabia, Muhammad Mobeen Shafqat, Yasin Munir	Impact of Financial and Legal Constraints on Firm's Growth and Survival Using Meta-Analysis	Alhamd Multidisciplinary Research Journal	
21	Dr. Yaar Muhammad	Anwar, S., Muhammad, Y., & Bokhari, T. B.	Teachers' intentions & challenges concerning e-assessment at the virtual university of Pakistan: A phenomenological study	Research Journal of Social Sciences & Economics Review3(2), 92-101	2022 (Y)
21	Dr. Yaar Muhammad	Arshad, A., Muhammad, Y., & Waqar, Y.	Elementary school teachers' lived experiences in online teaching during covid-19 pandemic.	Asian Social Studies and Applied Research3(2), 223-233	2022 (Y)
21	Dr. Yaar Muhammad	Aslam, A., Muhammad, Y., & Nasir, L.	Transgender students'	Global Social Sciences Review7(2), 71-80	2022 (Y)

	ad		experiences of bullying: Some case study evidence.		
21	Dr. Yaar Muhammad	Atta, A., Muhammad, Y., & Mahmood, A.	Prospective teachers' understanding of good citizenship: Evidence from two case studies.	International Review of Basic and Applied Sciences, 10(2), 206-214	2022 (Y)
21	Dr. Yaar Muhammad	Diana, N. K., Muhammad, Y., & Rauf, A..	Perception of national identity: An interview study of teachers in Gilgit Baltistan.	Journal of Educational Research & Social Sciences Review, 2(2), 92-98	2022 (Y)
21	Dr. Yaar Muhammad	Hani, U. E., Muhammad, Y., & Mahmood, A.	Managing group work in the social studies classrooms in elite schools: An analysis of teachers' beliefs and practices	Global Educational Studies Review	2022 (Y)
21	Dr. Yaar Muhammad	Iqbal, H., Muhammad, Y., & Waqar, Y.	Challenges in learning to design constructively aligned courses: Evidence from two case studies	International Review of Basic and Applied Sciences, 10(2), 182-191	2022 (Y)
21	Dr. Yaar Muhammad	Khalid, T., Muhammad, Y., & Siddiqui, M.	Cultivating global citizenship among secondary school students: Pre-service teachers' beliefs.	Global Social Sciences Review 7(2), 326-337	2022 (Y)
21	Dr. Yaar Muhammad	Khawaja, F. F., Muhammad, Y., & Siddiqui, M.	The lived experiences in learning qualitative research: An exploratory analysis of	Global Educational Studies Review 7(1), 270 – 279	2022 (Y)

			muffled voices		
22	Dr. Yaar Muhammad	Khokhar, A. J., & Muhammad, Y.	An imagined space with an imagined time: Analysis of English language textbooks used in state schools in Pakistan	Citizenship Teaching&Learning, 17(2), 227–247	2022 (Y)
22	Dr. Yaar Muhammad	Nasir, H., Muhammad, Y., & Bokhari, T. B.	Elite schools principals’ concerns and beliefs regarding beginning teachers’ classroom management skills: A qualitative study	Journal of Educational Research & Social Sciences Review2(2), 83-91.	2022 (Y)
22	Dr. Yaar Muhammad	Naveed, M., Muhammad, Y., & Siddiqui, M.	Influence of virtual professional development on teachers’ online classroom management practices: An interview study	Global Educational Studies Review7(1), 227–239	2022 (Y)
22	Dr. Yaar Muhammad	Naz, M., Muhammad, Y., & Mahmood, A.	Stress and burnout: An interpretive phenomenological analysis of elite school teachers’ beliefs and experiences.	Global Sociological Review7(2), 120-131	2022 (Y)
22	Dr. Yaar Muhammad	Pirzada, G., Muhammad, Y., & Mahmood, A.	Influence of vocational art and design education in Gilgit-Baltistan: The graduates’ perceptions	Asian Social Studies and Applied Research3(2), 210-222	2022 (Y)
22	Dr. Yaar Muhammad	Pirzada, G., Muhammad, Y., & Mahmood, A.	Working girls’ education and life goals: A	Global Sociological Review7(1), 94-102	2022 (Y)

			multiple case study of mothers' perspectives		
22	Dr. Yaar Muhammad	Sharjeel, M., Muhammad, Y., & Waqar, Y.	Primary students' online learning during covid-19 pandemic: Perspective of mothers.	Global Regional Review, 7(2), 200–210	2022 (Y)
22	Dr. Yaar Muhammad	Zafar, A. H., Muhammad, Y., & Bokhari, T. B.	University students' perspectives on online teaching practices during the covid-19 pandemic: A qualitative study	Research Journal of Social Sciences & Economics Review3(2), 83-91	2022 (Y)
22	Dr. Fasiha Altaf	Altaf, F., Hashmi, A. & Khan. S., Habib.M.	A Study of National Professional Standards for ESL Teachers at Primary Level.	Webology,	2022 (X)
22	Dr. Fasiha Altaf	Gull, M., Ch, T. A., Altaf, F., & Ch, A. H.	Cost-Benefit Analysis Of Diploma Of Associate Engineers (DAE).	Webology,	2022 (X)
23	Dr. Fasiha Altaf	Saeed, M., Gull, M., & Altaf, F.	Effectiveness of Technical and Vocational Education: A Meta-Analysis.	Pakistan Journal of Educational Research and Evaluation (PJERE)	2022 (Y)
23	Dr. Fasiha Altaf	Farooq. U., Altaf, F., Kashif, F.M.,	Moral Reasoning Stages of Elementary School Students	Pakistan Languages and Humanities Review	2022 (Y)
23	Dr. Fasiha Altaf	Farooq. U., Kashif, F.M., & Alarf, F.	Head Teachers' Level of Morality in Relation to their Age and Experience	Journal of Development and Social Sciences 3(3).93-97.	2022 (Y)
23	Dr.	Sajid, S.M., Jamil, M., &	Exploring	Global Educational	2022

	Muhammad Jamil	Mohammad, N.	Organizational Environment of Public Universities of Punjab.	Studies Review, 7 (2), 456-466	(Y)
23	Dr. Muhammad Jamil	Mohammad, N. Sajid, S.M., & Jamil, M.	Teachers' Empowerment and organizational commitment: A perceived perspective of Secondary School Teachers in Punjab.	Global Regional Review, 7(2) 127-135	2022 (Y)
23	Dr. Muhammad Jamil	Sajid, S.M., Jamil, M., & Abbas, M.	Relationship between organizational environment and teacher's citizenship behaviour at public universities of Punjab.	Global Educational Studies Review, 7(2) 192-200.	2022 (Y)
23	Dr. Muhammad Jamil	Sajid, S.M., Jamil, M., & Abbas, M.	Impact of teachers' work-family conflict on the performance of their children.	Jahan-e-Tehqeeq: 5(1) 229-239.	2022 (Y)
23	Dr. Muhammad Jamil	Abbas, M, Tariq, S., & Jamil, M.	Continuous Professional Development (CPD) and Quality Education of Primary School Teachers: A Quantitative Study in Lahore, Punjab.	Global Educational Studies Review: 6(4) 206-212.	2022 (Y)
23	Ms. Gulnaz Akbar	Akbar. G., & Nausheen.M.	Factors Influencing the choice of teaching and research	Global Educational Studies Review (GESR). 6 (12) 21-29	2022 (Y)

			productivity of university teachers: A qualitative perspective.		
23	Ms. Gulnaz Akbar and Dr. Fasiha Altaf	Akbar, G., Altaf. F., & Farooq. U.	Implementation of E-Learning in Public and Private Schools: Impact of COVID-19 Pandemic	Journal of Development and Social Sciences.	2022 (Y)
24	Ms. Sobia Younas and Dr. Fasiha Altaf	Altaf,F., Jabeeb.S., & Younas. S.	Relationship between Students' Self- Construal and Decision Making Styles at University Level	Pakistan Language and Humanities	2022 (Y)
24	Dr. Muhammad Muzaffar	Robina Khan, Muhammad Muzaffar and Ghulam Mustafa	Pakistan-India Water Conflict: A Causal Analysis	Annals of Social Sciences and Perspective, 3(1),43-51	2022 Y
24	Dr. Muhammad Muzaffar and Dr Zahid Yaseen	Zahid Yaseen, Muhammad Muzaffar and Imran Khan	India's Soft Power Potential: A Case Study of Components and Goals of Indian Public Diplomacy	Journal of Indian Studies 8 (1), 19-30	2022 Y
24	Dr. Muhammad Muzaffar and Dr Zahid Yaseen	Zahid Yaseen, Muhammad Muzaffar and Humaira Aslam	Bhartiya Janata Party (BJP) and Minorities in India: It's Impacts on Secular Status of India	Journal of Indian Studies, 8(2), 215– 226	2022 Y
24	Dr. Muhammad Muzaffar and Dr Zahid Yaseen	Zahid Yaseen, Muhammad Muzaffar and Ambreen Aman	Russia-Ukraine War and Hybrid Attitude of European Union: A Critical Analysis	Pakistan Journal of Social Issues, XIII, 180-185	2022 Y
24	Dr. Muhammad	Zahid Yaseen, Muhammad Muzaffar and Kinza Tariq	Impacts of Saudi-Israel	Political Studies	2023 Y

	ad Muzaffar and Dr Zahid Yaseen		Relations on the Middle East: An Analysis		
24	Dr. Muhammad Muzaffar and Dr Zahid Yaseen	Zahid Yaseen, Muhammad Muzaffar and Khadija Shahbaz	Defensive Strategies of Central Asian Republics: From Bipolarity to Multipolarity	Asian Journal of International Peace and Security (AJIPS)	2023
24	Dr. Muhammad Muzaffar and Dr Zahid Yaseen	Saima Rafique, Zahid Yaseen and Muhammad Muzaffar	Deliverance of Devolution Plan 2001 in Pakistan: An Analysis	Journal of Development and Social Sciences, 4(2), 921-931	2023 Y
24	Dr. Muhammad Muzaffar and Dr Zahid Yaseen	Zahid Yaseen, Muhammad Muzaffar and Khadija Shahbaz	The Conundrum of Taiwan Issue: Implications on World Politics	Asian Journal of International Peace and Security (AJIPS)	2023
24	Dr. Muhammad Muzaffar and Dr Zahid Yaseen	Saima Rafique, Zahid Yaseen, Muhammad Muzaffar	Historical Background of Local Government in Pakistan: An Exploratory Study	Pakistan Social Sciences Review 7 (4), 352-363	2023
25	Dr. Muhammad Muzaffar and Dr Zahid Yaseen	Ayesha Malik, Zahid Yaseen, Muhammad Muzaffar	Governance in Pakistan: A Case Study of Pakistan	Journal of Politics and International Studies, 9(2), 35-49	2023
25	Dr. Muhammad Muzaffar and Dr Zahid	Muhammad Muzaffar, Dr. Yeo Sook Fern, Dr. Zahid Yaseen	Governance Dilemma: A Way Forward For Third World States	Journal of Research Administration 5(2), 9792-9803	2023

	Yaseen				
25	Dr. Zahid Yaseen	Dr. Zahid Yaseen , Dr.Siti Zakiah Bt Melatu Samsi , Dr. Yeo Sook Fern	Human Security Challenges to Pakistan (Militancy, Water Scarcity, Food & Environment Shortage)	Webology (ISSN 1735-188X)	2022
25	Dr. Zahid Yaseen	Dr. Zahid Yaseen , Dr.Siti Zakiah Bt Melatu Samsi , Dr. Yeo Sook Fern	Governance enigma: Concerns and human security challenges to Pakistan	IJAAS International Journal of Advanced and Applied Sciences	2023
25	Dr. Zahid Yaseen	Naila Afzal, Dr. Zahid Yaseen	Geopolitical issues of Middle East and diplomatic challenges for Pakistan	Journal of Politics and International Studies	2023
25	Dr. Zahid Yaseen	Iqra Jathol, Zahid Yaseen	Modus Operandi on Repatriation of Afghan Refugees: A New Wave Towards Peace in Pakistan	Global Strategic and Security Studies Review (GSSSR)	2023
25	Dr Zahid Yaseen	Naila Afzal, Zahid Yaseen	Power Competition in the Middle East: Emerging Alliance of Turkey And Qatar, and Response of Saudi Arabia	Global International Relations Review (GIRR),	2023
25	Dr. Zahid Yaseen	Naila Afzal* and Dr. Zahid Yaseen	China’s Interests in the Middle East: Challenges And Opportunities for Pakistan	Annals of Human and Social Sciences	2023
25	Dr. Zahid Yaseen	Iqra Jathol, Dr. Zahid Yaseen	Afghanistan morass: An analysis of	Journal of Political Studies	2023

			Pakistan's security after NATO withdrawal		
25	Dr. Asma Waheed Qureshi	Zahida Parveen, Asma Waheed Qureshi, Sadaf Ali, Saira Farman, Beenish Khurshid, Nosheen Faiz,	Evaluation of <i>Chenopodium Album</i> Extracts as Antimalarial Agents Using MTT Assay.	J Hunan Univ. Natural Sci. 50 (6): 70-79	2023 (X) IF=0.68
26	Dr. Asma Waheed Qureshi	Sheheryar Sheheryar, Zahida Parveen, Saira Farman, Beenish Khurshid, Nosheen Faiz, Asif Khan, Atta Ur Rahman, Asma Waheed Qureshi	Biological Activities of Polar Extracts and Phytochemicals Isolated from <i>Trifolium Hybridum</i> L.	J Hunan Univ. Natural Sci. 50 (6): 57-69	2023 (X) IF=0.68
26	Dr. Asma Waheed Qureshi	Sabir Khan, Shafia Arshad, Imran Masood, Zeemal Semab Amin, Saba Abbas, Asma Waheed Qureshi, Neelum Shehzadi and Misbah Shaheen,	GCMS Analysis of <i>Persicaria bistorta</i> : Uncovering the Molecular basis of its Traditional Medicinal Use.	Appl. Biochem. Biotech.	2023 (W) IF=3.16
26	Dr. Asma Waheed Qureshi	Asma Waheed Qureshi, Tanveer Akhtar, Luqman Khan, Muhammad Numan,	Anti-fasciolic effect of raw seeds of <i>Nigella sativa</i> (seeds), <i>Fumaria parviflora</i> (aerial parts), in naturally infected Buffaloes.	Bioscience Journal	2023 (Y) IF=0.38
26	Dr. Asma Waheed Qureshi	Asma Waheed Qureshi, Roobi, Qurat ul Ain, Shafia Arshad, Zahida Parveen, Saira Farman.	Evaluation of Bacteriocin activity of Lactic Acid Bacteria (LAB) Isolates of Milk and Yogurt.	Journal of Xi'an Shiyou University, Natural Sciences Edition.	2023 (X) IF=7.13
26	Dr. Sadia Maalik		Estimation Of Diversity-Relative Abundance And	Journal of Agricultural Research.	2022 (Y)

			Temporal Distribution Of Lepidopteran Species From Agro-Ecosystem Of District Faisalabad, Pakistan		
26	Dr. Sadia Maalik·	Asma Asghar · Hafiz Muhammad Imran · Naheed Bano · Sadia Maalik· Sajida Mushtaq · Asim Hussain · Sunita Varjani · Lotfi Aleya · Hafiz M. N. Iqbal· Muhammad Bilal	SARS-COV-2/C OVID-19: scenario, epidemiology, adaptive mutations, and environmental factors	Environmental Science and Pollution Research	(W) IF=4.23
26	Dr. Sajida Mushtaq	Sajida Mushtaq, Sadia Maalik , Shahnaz Akhtar Rana , Waqar Majeed,* and Nazia Ehsan	Developmental analysis and predatory potential of <i>Eupeodes corollae</i> (Fabricius, 1794) (Diptera: Syrphidae) against aphids: A practical approach of biological control	Pak. J. Agri. Sci., Vol. 60(1), 185-191; 2023	(X) IF=0.865
26	Dr. Moazama Batool	Muhammad Umar Ijaz, Sidra Aziz, Ali Hamza, Moazama Batool, Saad Alkahtani, Mian Nadeem Riaz, Asma Ashraf	Curative effects of kaempferide on cadmium-instigated hepatotoxicity in male albino rats	Journal of King Saud University – Science	2023 (W) IF=3.8
26	Dr. Moazama Batool	Saima Naz, Hafiz Zeshan Wadood, Moazama Batool, Ahmad Manan Mustafa Chatha	Efficacy of Insect Feed as Protein Source in Aqua Feed and its Impact on Growth Performance of Fish	BioScientific Review (BSR) 5(2): 39-55. 2023	(Y)
26	Dr. Moazama Batool	Mubashar Hussain, Hifza Liaqat, Muhammad Faheem Malik, Kiran Aftab, Moazama	Distribution Patterns of Insect Pollinator	Pakistan Journal of Zoology	2023 (X) IF=0.687

		Batool, Razia Iqbal and Somia Liaqat	Assemblages at Deva Vatala National Park, Bhimber, Azad Jammu and Kashmir		
27	Dr. Moazam a Batool	M. Hussain, F. Hameed, K. Aftab, R. Iqbal, N. Arif, M. Batool, R. Iqbal, S. Toufeeq, A. Syed, A.M. Elgorban, R. Eswaramoorthy	Prospects of <i>Poikelocercus pictus</i> (Orthoptera: Acrididae) as an Alternative Protein Source for Rhode Island Red Chicken	Journal of King Saud University – Science	2023 (W) IF= 0.3.829
27	Dr. Moazam a Batool	Muhammad Umar Ijaz, Tahreem Fatima, Moazama Batool, Rabia Azmat, Ambreen Sadaf, Namra Ghafoor, Mehrab Khalil	Therapeutic Efficacy of Chrysoeriol on Doxorubicin-induced Liver Damage by Improving Biochemical and Histological Profile in Rats	Journal of Food and Nutrition Research	2023 (X) IF= 1.25
27	Dr. Qurat-ul-Ain	Faria Saher, Muhammad Umar Ijaz, Ali Hamza, Qurat ul Ain, Muhammad Faisal Hayat, Tayyaba Afsar, Ali Almajwal, Huma Shafique, Suhail Razak	Mitigative potential of rhoifolin against cisplatin prompted testicular toxicity: biochemical, spermatogenic and histological based analysis.	Toxicology Research	2023 (X) IF= 3.25
27	Dr. Qurat-ul-Ain	Muhammad Umar Ijaz, Shama Mustafa, Qurat ul Ain, Ali Hamza, Hussain Ahmed, Mohamed M. Abdel-Daim, Ghadeer M. Albadrani, Agnieszka Najda, Shafaqat Ali	Eriodictyol attenuates Furan induced testicular toxicity in Rats: Role of oxidative stress, steroidogenic enzymes and apoptosis.	Ecotoxicology and Environmental Safety.	2023 (W) IF= 7.13
27	Dr.	Shama Mustafa, Haseeb	Therapeutic	Environmental Science	2023

	Qurat-ul-Ain	Anwar, Qurat ul Ain, Hussain Ahmed, Shabnoor Iqbal, and Muhammad Umar Ijaz.	effect of gossypetin against paraquat-induced testicular damage in male rats: a histological and biochemical study	and Pollution Research	(W) IF= 5.05
27	Dr. Qurat-ul-Ain	Mehwish David, Qurat ul Ain, Sarwat Jahan, Mushtaq Ahmad, Qasim Shah, Tayyaba Afsar, Huma Shafique, Tariq Nahar Alanezi, Ali Almajwal, Umar Ijaz, Suhail Razak	Determination of possible contraceptive potential of methanolic leaf extract of <i>Mentha longifolia</i> L. in adult male rats: a biochemical and histological study	Toxicology Research. 11(6):951-961.	2022 (X) IF= 3.01
27	Dr. Amina Sadiq	Munirah M Al-Rooqi, Ehsan Ullah Mughal, Qandeel Alam Raja, Rami J Obaid, Amina Sadiq, Nafeesa Naeem, Jihan Qurban, Basim H Asghar, Ziad Moussa, Saleh A Ahmed	Recent advancements on the synthesis and biological significance of pipercolic acid and its derivatives	Journal of Molecular Structure	2022 (X)
27	Dr. Amina Sadiq	Eslam B Elkaeed, Ehsan Ullah Mughal, Samia Kausar, Hanan A Al-ghulikah, Nafeesa Naeem, Ataf Ali Altaf, Amina Sadiq	Theoretical vibrational spectroscopy (FT-IR), PED and DFT calculations of chromones and thiochromones	Journal of Molecular Structure	2022 (X)
27	Dr. Amina Sadiq	Munirah M Al-Rooqi, Ehsan Ullah Mughal, Qandeel Alam Raja, Essam M Hussein, Nafeesa Naeem, Amina Sadiq, Basim H Asghar, Ziad Moussa, Saleh A Ahmed	Flavonoids and related privileged scaffolds as potential urease inhibitors: a review	Journal RSC advances	2023 (W)
27	Dr. Amina	Rabab S Jassas, Nafeesa Naeem, Amina Sadiq, Rabia	Current status of N-, O-, S-	Journal RSC advances	2023 (W)

	Sadiq	Mehmood, Noof A Alenazi, Munirah M Al-Rooqi, Ehsan Ullah Mughal, Reem I Alsantali, Saleh A Ahmed	heterocycles as potential alkaline phosphatase inhibitors: a medicinal chemistry overview		
28	Dr. Amina Sadiq	Ehsan Ullah Mughal, Ayesha Javaid, Muhammad Imran, Mohammed AS Abourehab, Eslam B Elkaeed, Nafeesa Naeem, Abdullah Yahya Abdullah Alzahrani, Amina Sadiq, Syeda Fariha Kainat	Complexes of terpyridine scaffold as efficient photocatalysts for the degradation of methylene blue pollutant in wastewater effluents	Inorganica Chimica Acta	2023 (X)
28	Dr. Amina Sadiq	Hanan A Al-ghulikah, Ehsan Ullah Mughal, Eslam B Elkaeed, Nafeesa Naeem, Yasir Nazir, Abdullah Yahya Abdullah Alzahrani, Amina Sadiq, Syed Wadood Ali Shah	Discovery of chalcone derivatives as potential α -glucosidase and cholinesterase inhibitors: Effect of hyperglycemia in paving a path to dementia	Journal of Molecular Structure	2023 (X)
28	Dr. Amina Sadiq	Ehsan Ullah Mughal, Samreen Amjid, Amina Sadiq, Nafeesa Naeem, Yasir Nazir, HA Alrafai, Abeer A Hassan, Samar Y Al-Nami, Amal A Abdel Hafez, Syed Wadood Ali Shah, Mehreen Ghias	Design and synthesis of 2-amino-4,6-diarylpyrimidine derivatives as potent α -glucosidase and α -amylase inhibitors: structure–activity relationship, in vitro, QSAR, molecular docking, MD simulations and drug-likeness studies	Journal of Biomolecular Structure and Dynamics	2023 (W)

28	Dr. Amina Sadiq	Munirah M Al-Rooqi, Amina Sadiq, Rami J Obaid, Zaman Ashraf, Yasir Nazir, Rabab S Jassas, Nafeesa Naeem, Meshari A Alsharif, Syed Wadud Ali Shah, Ziad Moussa, Ehsan Ullah Mughal, Abdel-Rahman Farghaly, Saleh A Ahmed	Evaluation of 2,3-Dihydro-1,5-benzothiazepine Derivatives as Potential Tyrosinase Inhibitors: In Vitro and In Silico Studies	ACS omega	2023 (W)
28	Dr. Amina Sadiq	Ehsan Ullah Mughal, Nafeesa Naeem, Samia Kausar, Munirah M Al-Rooqi, Rabab S Jassas, Amina Sadiq, Ataf Ali Altaf, Rami J Obaid, Saleh A Ahmed	Substituted Benzalacetophenone Molecules: A Computational Investigation of Structural, PED & Non-Linear Optical Properties	Chemistry Select	2023 (X)
28	Dr. Shazia Nouren	Gul Fatima, Ismat Bibi, Farzana Majid, Shagufta Kamal, Shazia Nouren, Aamir Ghafoor, Qasim Raza, Samiah H. Al-Mijalli, Nouf Mohammad Alnafisi, Munawar Iqbal	Mn-doped BaFe ₁₂ O ₁₉ nanoparticles synthesis via micro-emulsion route: Solar light-driven photo-catalytic degradation of CV, MG and RhB dyes and antibacterial activity	Materials Research Bulletin 168 (2023) 112491	2023 (W)
28	Dr. Shazia Nouren	Hafiz M. Umair, Ismat Bibi, Farzana Majid, Shagufta Kamal, Norah Alwadai, Muhammad I. Arshad, Adnan Ali, Shazia Nouren, Maryam Al Huwayz, Munawar Iqbal	Ferroelectric, dielectric, magnetic and photocatalytic properties of Mn doped Ca-hexaferrite prepared via microemulsion route	Materials Chemistry and Physics 307 (2023) 128152	2023 (W)
28	Dr. Shazia Nouren	Aamir Ghafoor, Ismat Bibi, Farzana Majid, Sadia Ata, Shazia Nouren, Qasim Raza, Samia Mansoor, Fatimah O. Alqahtani, Zainab M. Elqahtani, Mehr-un-Nisa,	Yttrium and Cobalt doped LaNiO ₃ nanoparticles synthesis and solar light driven	Materials Research Bulletin	2023 (W)

		Munawar Iqbal	photocatalytic removal of Rhodamine B		
28	Dr. Shazia Nouren	Abida Kausar, Sadia Tul Zohra, Sana Ijaz, Munawar Iqbal, Jibraniqbal, IsmatBibi, ShaziaNouren, Nouredine El Messaoudi, Arif Nazir.	Cellulose-based materials and their adsorptive removal efficiency for dyes: A review	International Journal of Biological Macromolecules	2023 (W)
28	Dr. Shazia Nouren	Mariya Moeen, Shazia Nouren, Maria Zaib, Ismat Bibi, Abida Kausar & Misbah Sultan	Green synthesis, characterization and sorption efficiency of MnO ₂ nanoparticles and MnO ₂ @waste eggshell nanocomposite	Journal of Taibah University for Science	2022 (X)
29	Dr Iram Saba	Shahzad A., Luqman, Zafar I.K., Saba I., Umer, Kafeel, Muneeb A., Nadeem A., Iram A., Shhehzadi M., Memona, H., Shad, H.	Health risk implications of iron in wastewater soil food crops grown in the vicinity of peri urban areas of the District Sargodha.	Plos One, 17 (11):1-20. e0275497. https://doi.org/10.1371/journal.pone.0275497 .	2022
29	Dr Iram Saba	Akba, M., Abdullah, M.A., Nasimi, R.A., Saba, I., Haq, I., Errum, A. and Ahmed, M.J.	Genetic evaluation of exotic wheat material for yield and yield related components.	Tobacco Regulatory Science, 9(1):1219-1224	2023
29	Dr Iram Saba	Sattar, R., Rasool, M.A., Qadir, R., Siddique, A.B., Irfan, M.I., Saba I., Akhtar, M.T., Rehman, M.M. and Mustaqeem, M.,	Biogenic Synthesis of Zinc oxide nanoparticles using leaves extracts of <i>Camellia Sinensis</i> for photocatalytic and biological applications	Journal of Optoelectronic and Biomedical Materials, 15(1):1-9.	2023

29	Dr Iram Saba	Shahid, M., Amin, M.H.A.B., Mumtaz, N., Errum, A., Shahzad, M.N., Saba, I., Ahmed, M.J. and Khan, B.S.,	Comparison of Locally Available Walnuts Based on Proximate Analysis and Selected Mineral Content.	Tobacco Regulatory Science, 9(1):642-658.	2023
29	Dr Iram Saba	Ortiz, G.R., Cespedes-Panduro, B., Saba, I., Cotrina-Aliaga, J.C., Mohany, M., Al-Rejaie, S.S., Arias-Gonzales, J.L., Ramiz-Cornell, A.A., Kadham, M.J. and Akhavan-Sigari, R.,	Adsorption of thiotepa anticancer by the assistance of aluminum nitride nanocage scaffolds: A computational perspective on drug delivery applications.	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2023
29	Dr Iram Saba	Ahmad, K., Rani, S., Khan, Z.I., Akhtar, S., Ashfaq, A., Aslam, S., Anwar, I., Fatima, M., Memona, H., Batool, A.I., Nadeem, M., shaukat J., Noorka, I.R., Shehzadi M., Akhtar, M., Hamza M.A., Awan, M.U.F., Ugulu, I., Raza, H., Saba I, Hussain, A and Bashir, Anum.	Effects of Fertilizers on Copper and Nickel Accumulation and Human Health Risk Assessment of Vegetables and Food Crops.	J biores manag, 10(1):9.	2023
29	Dr Iram Saba	Imran, M., Samad, A., Najeeb, M., Saddique, K. and Saba, I., Ahmad, T., Akram, S. and Murad, M.,	Development & Analysis of Hypoglycemic Effects of Wheat Flour, Chickpea & Coriander Bread.	NeuroQuantology, 21(5)1961-1972	2023
29	Dr Iram Saba	Ahmad, A., Saba, I., Hussain, A., Khan, B.S., Munazir, M., Nawaz, M.Y., Iqbal, Y. and Ahmad, A.,	The applications of medicinal plants and their components in wound healing. A comprehensive review.	NeuroQuantology, 21 (6):552-567	2023
29	Dr Iram Saba	Khan Z.I., Ahmad K., Akhtar S., Batool M., Ejaz A., Ashfaq A., Nadeem M., Shad H.A.,	Health risk assessment of Chromium and	J. Plantarum, 5(1): 25-39.	2023

		Noorka I.R., Hussain A., Awan M.U.F, Batool A.I., Memona H., Hamza M.A, Akhtar M., Saba I. and Javid S.	Lead in a soil plant-ruminant food chain against terrestrial soil pollution gradient.		
29	Dr Iram Saba	Nasimi, R.A., Saba, I., Zafar, K., Kausar, M., Munazir, M., Ahmad, M.J.	Identification and Characterization of badh2 gene in Basmati Rice.	Tobacco Regulatory Science, 9(1):3360-3367	2023
30	Dr Iram Saba	Amin, R., Ayoub, A., Shahid, M., Saba, I., Shahid, H., Amin, H.A.B. and Rahman, S.	Development of Coal Fly Ash Based Zeolite-Alginate Composite and Removal of Heavy Metals from Synthetic Solution.	Euo. Chem. Bull. 12(09): 954-969.	2023
30	Dr Iram Saba	Iram Saba, Muhammad Murad, Mudassar Nadeem, Qaiser Ali, Muhammad Sohail Anwar, Shahla Akram, Yassir Abaas	An overview of the application of carbon nanomaterial in agriculture and environment.	European Chemical Bulletin, 12(13).	2023
30	Dr. Jahan Zaib Arshad	Rimsha Arshad, Shazia Nouren, Jahanzaib Arshad, Maria Zaib, Ismat	Sensitive Determination of Mercuric Ions Using Fe-Ni Nanoparticles and	Bioengineering	2023
30	Dr. Jahan Zaib Arshad	Jahan Zaib Arshad*, Sana Tabassum, Muhammad Shaheer Kiani, Sundas Arshad, Muhammad Ali Hashmi, Imran Majeed, Hassan Ali, and Syed Shoaib Ahmad Shah	Anticancer Properties of Ru and Os Half-Sandwich Complexes of N,S Bidentate Schiff Base Ligands Derived from Phenylthiocarbamide	https://doi.org/10.1002/as ia.202300804	2023
30	Dr Tauheeda Riaz	Tauheeda Riaz, Soha Nayyar, Tayyaba Shahzadi, Maria Zaib, Sammia Shahid, Sana	The Biogenic Synthesis of Cobalt	Agronomy 2022, 12(10), 2505	2022 (X)

		Mansoor, Mohsin Javed, Shahid Iqbal 4, Murefah Mana Al-Anazy, Eslam B. Elkaeed, Rami Adel Pashameah, Eman Alzahrani and Abd-ElAziem Farouk.	Monometallic and Cobalt–Zinc Bimetallic Nanoparticles Using <i>Cymbopogon citratus</i> L. Leaf Extract and Assessment of Their Activities as Efficient Dye Removal and Antioxidant Agents.		
30	Dr Tauheeda Riaz and Dr. Tayyaba Shahzadi	Maria Zaib, Ayesha Safdar, Tayyaba Shahzadi, Tauheeda Riaz	Enrichment of MnO ₂ Nanoparticles with Different N-Doped Carbon Dots as a Robust H ₂ O ₂ Sensor: a Comparative Study.	Journal of Analytical Chemistry, 78(6):704-717.	2023 (Y)
30	Dr Tauheeda Riaz and Dr. Tayyaba Shahzadi	Tauheeda Riaz, Aisha Asghar, Tayyaba Shahzadi, Sammia Shahid, Sana Mansoor, Amina Asghar, Mohsin Javed, Shahid Iqbal, Mohammed T. Alotaibi, Randa A. Althobiti, Eman Alzahrani, Abd-ElAziem Farouk, Murefah Mana Al-Anazy, Eslam B. Elkaeed	Green synthesis of ZnO and Co-ZnO using Brassica rapa leave’s extract and their activities as antioxidant agents, efficient adsorbents, and dye removal agents.	Journal of Saudi Chemical Society, 27, 101716. https://doi.org/10.1016/j.jscs.2023.101716	2023 W
30	Dr Tauheeda Riaz and Dr. Tayyaba Shahzadi	Amina Kanwal, Tayyaba Shahzadi, Tauheeda Riaz, Maria Zaib, Safia Khan, M. Habila, M Sayed, and Mika Sillanpaa,	Photocatalytic degradation studies of organic dyes over novel Cu/Ni loaded reduced graphene oxide hybrid nanocomposite: adsorption, kinetics and thermodynamic	Molecules, 28(18), 6474.	2023 W

			studies.		
30	Dr. Saadia Shaukat; Dr. Hafiz M. Abd Ur Rahman	Amjad, S.; Shaukat, S.; Rahman, H. M. A.; Usman, M.; Farooqi, Z. H.; Nazar, M. F.	Application of anionic-nonionic mixed micellar system for solubilization of methylene blue dye	J. Mol. Liq. 369	2023 W
30	Dr. Saadia Shaukat; Dr. Hafiz M. Abd Ur Rahman	Yaqoob, T.; Shaukat, S.; Alonaizan, R.; Ullah, R.; Khan, I.; Nazar, M.F.; Abd Ur Rahman, H. M. A.	Solubilization of Reactive Red 2 in the Mixed Micelles of Cetylpyridinium Chloride and TX-114	Molecules, 28, 3952. https://doi.org/10.3390/molecules28093952	2023 W
31	Dr. Hafiz M. Abd Ur Rahman; Dr. Saadia Shaukat	Sohail, M.; Rahman, H. M. A.; Asghar, M. N.; Shoukat, S.	Apparent molar volume, compressibility, and spectroscopic studies of ionic surfactants in aqueous solutions of antibiotic gemifloxacin	J. Dis. Sci. Tech., DOI: 10.1080/01932691.2023.2239329	2023 X
31	Muhammad Hamid	Syed Wasim Abbas, Muhammad Hamid, Reem Alkanhel, and Hanaa A. Abdallah	Official Statistics and Big Data Processing with Artificial Intelligence: Capacity Indicators for Public Sector Organizations	Systems,	2023(C ategory X) IF-1.9
31	Muhammad Hamid	Rida Fatima, Furkh Zeshan, Adnan Ahmad, Muhamamd Hamid, Imen Filali, Amel Ali Alhussan and Hanaa A. Abdallah	Requirement Change Prediction Model for Small Software Systems	Computers, Volume and issue 12(8), pp.1-19.	2023(C ategory X) IF-2.8
31	Muhammad Hamid	Muhammad Usman Saeed, Nikolaos Dikaios, Aqsa Dastgir, Ghulam Ali, Muhammad Hamid and	An Automated Deep Learning Approach for Spine	Diagnostics, 13(16), pp.1-17.	2023(C ategory X) IF-3.6

		Fahima Hajje	Segmentation and Vertebrae Recognition Using Computed Tomography Images		
31	Dr. M. Usman Ashraf	Mehwish Rasheed, Waseem Iqbal, Arfan Jaffar, M. Usman Ashraf*, Khalid A. Almarhabi, Ahmed Alghamdi and Adel A. Bahaddad	Recognizing Brain Tumors Using Adaptive Noise Filtering and Statistical Features	MDPI Diagnostics	I.F: 3.9
31	Dr. M. Usman Ashraf	Mumtaz, Gohar, M. Usman Ashraf, Sheeraz Akram, Waseem Iqbal, Khalid Ali Almarhabi, Ahmed Mohammed Alghamdi, and Adel A. Bahaddad	Classification and Prediction of Significant Cyber Incidents (SCI) using Data Mining and Machine Learning (DM-ML)	IEEE Access	I.F: 3.7
31	Dr. M. Usman Ashraf	Shahid, Muhammad Ihsan, Muhammad Asim, Muhammad Farhan, Muhammad Fahad Sheikh, Muhammad Usman Ashraf, Hassan Arshad, Ahmed Alghamdi, Abdullah S. Alshahrani, Adel A. Bahaddad, and Khalid Ali Almarhabi	Design and performance analysis of salinity gradient solar pond under different climatic and soil conditions	PLOS ONE	I. F. 2.8
31	Dr. M. Usman Ashraf	Bukhsh, Madiha, Muhammad Saqib Ali, Abdullah Alourani, Khlood Shinan, <u>Muhammad Usman Ashraf</u> , Abdul Jabbar, and Weiqiu Chen	Long Short-Term Memory Recurrent Neural Network Approach for Approximating Roots (Eigen Values) of Transcendental Equation of Cantilever Beam	MDPI Applied Sciences	I.F: 2.7
31	Dr. M. Usman Ashraf	Muhammad Akram, Muhammad Waseem Iqbal, <u>M. Usman Ashraf</u> , Erssa Arif, Khalid Alsubhi and Hani Moaiteq Aljahdali	Optimization of Interactive Videos Empowered the Experience of Learning	CSSE	4.2

			Management System		
31	Ashfaq Ahmad, Muhammad Ilyas	Ashfaq Ahmad, Muhammad Mobeen Shafqat, Muhammad Ilyas, Muhammad Umair Ashraf, Afshan Urooj & Zhao Yu huan	Validation of the environmental Kuznets curve and role of economic globalization: an aggregate and sectoral analysis of an Indian economy	Air Quality, Atmosphere & Health	2023
32	Muhammad Umer Farrukh, Muhammad Ilyas	Shahzad Hameed, Wei Wei, Muhammad Umer Farrukh, Shuangyan Li, Muhammad Ilyas	Revisiting the asymmetric outcome of renewable and nonrenewable energy on environmental quality in South and East Asia: An application of a broad-spectrum approach	Renewable Energy	2023
32	Dr. Iqra Mushtaq	Mehwish Zatoon Abre-Rehmat Qurat-ul-Ann And Iqra Mushtaq	Effectiveness of Climate Finance in CO2Emissions Reduction: An Empirical Analysis	Journal of Development and Social Sciences (4/1, 727-737,	2023
32	Dr. Iqra Mushtaq	Iqra Mushtaq and Faisal Mehmood Mirza	The Impact of Services Quality on Electricity Theft Reduction: An Empirical Analysis of Electricity Distribution Utilities in Pakistan	Lahore Journal of Economics (28/1, 89–114	2023
32	Dr. Shahla Andleeb	Andleeb, Shahla & Rehman, Khalil & Mahmood, Adeel & Badr, Mohamed & Safa, Noor & Hussein, Dina & Elshamey, Essam.	Human Health Risk Hazards by Heavy Metals Through Consumption of	Journal of King Saud University - Science. 35.	2023 (W)

			Vegetables Cultivated by Wastewater		
32	Dr. Khalil Ur Rehman	Khalid, Nimra & Bukhari, Syed & Alshahrani, Mohammad & Rehman, Khalil & Ahmad, Shahbaz & Andleeb, Shahla & Javid, Arshad & Azam, Sheikh.	Nucleotide Analysis and Prevalence of Escherichia coli Isolated from Feces of Some Captive Avian Species.	Journal of King Saud University - Science. 35.	2023 (W)
32	Dr. Khalil Ur Rehman	Aljowaie, Reem & Andleeb, Shahla & Kangal, Aleyna & Al-Ghamdi, Abdullah & Rehman, Khalil & Javed, Rimsha & Mahmood, Adeel & Eisa, Yasmine.	Prospect of Herbal Medication as Prevention against COVID Variants.	Journal of King Saud University. Science. 35.	2023 (W)
32	Dr. Shahla Andleeb	Andleeb, Shahla & Rehman, Khalil & Mahmood, Adeel & Badr, Mohamed & Safa, Noor & Hussein, Dina & Elshamey, Essam.	Human Health Risk Hazards by Heavy Metals Through Consumption of Vegetables Cultivated by Wastewater	Journal of King Saud University - Science. 35	2023 (W)
32	Dr. Khalil Ur Rehman	Khalid, Nimra & Bukhari, Syed & Alshahrani, Mohammad & Rehman, Khalil & Ahmad, Shahbaz & Andleeb, Shahla & Javid, Arshad & Azam, Sheikh.	Nucleotide Analysis and Prevalence of Escherichia coli Isolated from Feces of Some Captive Avian Species.	Journal of King Saud University - Science. 35.	2023 (W)
32	Dr. Khalil Ur Rehman	Aljowaie, Reem & Andleeb, Shahla & Kangal, Aleyna & Al-Ghamdi, Abdullah & Rehman, Khalil & Javed, Rimsha & Mahmood, Adeel & Eisa, Yasmine.	Prospect of Herbal Medication as Prevention against COVID Variants.	Journal of King Saud University. Science. 35.	2023 (W)
32	Sundas Khan	Muhammad Aamir Ali, Husyein Budak, Micheal Feckon and Sundas Khan.	A new version of q-Hermite-Hadamard's midpoint and trapezoid type inequalities for convex	Mathematica Slovaca	2023 (X)

			functions.		
33	Dr. Arfa Waseem	Qanitah Ama-Tul-Mughani; Arfa Waseem and Wardat us Salam.	Phase transition and quantum corrections of quintessential Kerr–Newman black hole with cloud of strings	Chinese Journal of physics	2022 (W)
33	Dr. Arfa Waseem	Aisha Siddiqa; Ghulam Abbas; Arfa Waseem; Ayesha Aleem and Hafiza Rizwana Kausar	Impact of minimal matter-geometry coupling on anisotropic quark stars	International Journal of Geometric Methods in Modern Physics (04, 20, 2350068	2022 (X)
33	Dr. Arfa Waseem	Faisal Javed; Arfa Waseem and Bander Almutairi.	Quantum corrected charged thin-shell wormholes surrounded by quintessence	European Physical Journal C (09, 83, 811, https://doi.org/10.1140/epjc/s10052-023-11990-1)	2023 (W)
33	Dr. Musavarah Sarwar	Saba Fatima, Musavarah Sarwar, Fariha Zafar, Muhammad Akram	Group decision-making analysis based on distance measures under rough environment	Expert Systems	2022 (X)
33	Dr. Musavarah Sarwar	Musavarah Sarwar	Decision making model for design concept evaluation based on interval rough integrated cloud VIKOR	Journal of Ambient Intelligence and Humanized Computing	2022 (W in 2022-23 HJRS)
33	Dr. Musavarah Sarwar	Musavarah Sarwar, Ghous Ali, and Nauman Riaz Chaudhry	Decision-making model for failure modes and effect analysis based on rough fuzzy integrated clouds	Applied Soft Computing	2023 (W)
33	Dr. Musavarah Sarwar	Musavarah Sarwar, Muhammad Akram, and Sundas Shahzadi	Distance measures and -approximations with rough complex fuzzy models	Granular Computing	2023 (W)

33	Dr. Musavarah Sarwar	Musavarah Sarwar, Fariha Zafar, and Muhammad Akram	Novel group decision making approach based on the rough soft approximations of graphs and hypergraphs	Journal of Applied Mathematics and Computing	2023 (W)
33	Dr. Musavarah Sarwar	Musavarah Sarwar, Wajeeha Gulzar, and Samia Ashraf	Improved risk assessment model based on rough integrated clouds and ELECTRE-II method: an application to intelligent manufacturing process	Granular Computing	2023 (W)
33	Dr. Musavarah Sarwar	Musavarah Sarwar	Improved assessment model for health-care waste management based on dual 2-tuple linguistic rough number clouds	Engineering Applications of Artificial Intelligence	2023 (W)
34	Dr. Musavarah Sarwar	Ghous Ali, Musavarah Sarwar, Muhammad Nabeel	Novel group decision-making method based on interval-valued m-polar fuzzy soft expert information	Neural Computing and Applications	2023 (W)
34	Dr. Hira Tariq	Hira Tariq, Ghazala Akram, Maasoomah Sadaf, Maria Iftikhar, Liliana Guran	Computational Study for Fiber Bragg Gratings with Dispersive Reflectivity Using Fractional Derivative	Fractal and Fractional	2023 (W)
34	Dr. Tariq Mahmood	Mahwish Bashir, Farzana Majid, Rabia Sabir, Attia Falak, Babar Shahzad Khan, Tariq Mahmood, Ahmed M. Fouda & Adnan Ali	Facile green synthesis, analysis, in vitro antidiabetic and antimicrobial activity of ZnO	Bioprocess and Biosystems Engineering, 45, 2022, 1993–2006 (Impact Factor 3.434)	2022 (Y)

			macropores		
34	Dr. Tariq Mahmood	Rahat Batool, Tariq Mahmood	A comparative study of cubic methylammonium lead iodide (CH ₃ NH ₃ PbI ₃) perovskite by using density functional theory	Materials Today Communications 35 (2023) 105814 (Impact Factor 3.662)	2023 (W)
34	Dr. Tariq Mahmood	Aliza Zahoor, Muhammad Isa, Tariq Mahmood	Mg-doped LaAlO ₃ structure: A theoretical investigation of indirect to direct bandgap and brittle to ductile transition	Canadian Journal of Physics, (2023) (Accepted for Publication) (Impact Factor 1.358)	2023 (X)
34	Dr. Tariq Mahmood	Aliza Zahoor, Muhammad Isa, Tariq Mahmood	Computational study of Be doped LaAlO ₃ perovskite	Physica B: Condensed Matter, 652, 2023, 414631 (Impact Factor 2.436)	January 2023 (X)
34	Babar Shahzad Khan	Ramzan, Iqra, Mahwish Bashir, Adnan Saeed, Babar Shahzad Khan*, Mohammed Rafi Shaik, Merajuddin Khan, Baji Shaik, and Mujeeb Khan	Evaluation of Photocatalytic, Antioxidant, and Antibacterial Efficacy of Almond Oil Capped Zinc Oxide Nanoparticles	Materials 16, no. 14 (2023): 5011. IF 3.748	2023
34	Babar Shahzad Khan	Akram, Summeiya, Mahwish Bashir, Farzana Majid, Maida Ayub, Babar Shahzad Khan, Adnan Saeed, Mohammed Rafi Shaik, Mujeeb Khan, and Baji Shaik	Stabilization of zirconia nanoparticles by collagen protein and calcium carbonate extracted from eggshell and its biodegradation, radical scavenging and mineralization activity	Arabian Journal of Chemistry 16, no. 10 (2023): 105135. IF 6.212	2022
34	Babar Shahzad	Bashir, Mahwish, Farzana Majid, Rabia Sabir, Attia	Facile green synthesis,	Bioprocess and Biosystems	2022

	Khan	Falak, Babar Shahzad Khan, Tariq Mahmood, Ahmed M. Fouda, and Adnan Ali.	analysis, in vitro antidiabetic and antimicrobial activity of ZnO macropores	Engineering 45, no. 12 (2022): 1993-2006. IF 3.434	
34	Dr. Samia Naeem	Samia Naeem, Saira Riaz, Faiza Arshad, M.Javid Iqbal, Shahid Atiq, Y.B. Xu, Shahzad Naseem	Realization of improved magnetodielectric coupling and electrochemical performance of microwave assisted sol-gel prepared spinel manganese chromium oxide nanopowders	https://doi.org/10.1016/j.allcom.2023.169909	2023 (W)
35	Dr. Samia Naeem	S. Gagui, H. Meradji, S. Ghemid, S. Naeem, Bakhtiar Ul Haq, R. Ahmed & A. K. Kushwaha	Analysis of phase stability, elastic, electronic, thermal, and optical properties of Sc _{1-x} Y _x N via ab initio methods	https://doi.org/10.1007/s00894-022-05412-4	2022 W
35	Saira Shabbir	Saira Shabbir, A Alqahtani, Mohammad Anjum Javed, R Ahmed, Khan Alam, Se-Hun Kim, Yahia AH Obaidat, Aijaz Rasool Chaudhry, Bakhtiar Ul Haq	Predictions of novel polymorphs of boron nitride: a first-principles study	The European Physical Journal Plus	2023
35	Dr Aisha Farid	Shahida Perveen & Dr Aisha Farid	Language and Identity of Colonized: A Stylistic Analysis of Poetic Work of Agha Shahid Ali	Journal of South Asian Studies, 10 (3). 369-377	2022
35	Dr Aisha Farid	Omama Nadeem, Dr Muhammad Sabboor Hussain & Dr Aisha Farid	Punjabi use as a blessing or barrier in female adult bilingual students: A socio-cognitive analysis	International Journal of Language Studies, 17 (02), Pg. 51-74	2023

35	Dr Aisha Farid	Hinzala Hussain & Dr Aisha Farid	A Deconstructive Analysis of Taglines on Pakistani Billboards	Global Digital & Print Media Review, VI (2),Pg. 64-72	2023
35	Dr Aisha Farid	Soha Farooq & Dr Aisha Farid	Error Analysis of Punjabi ESL Learners' Imperative 's Direct and Indirect Narration	Global Language Review, VIII(II), 356-367	2023
35	Dr Aisha Farid	Rida Khurshid & Dr Aisha Farid	Power and Identity in Taylor Swift's Song 'Look What You Made Me Do': A Deconstructive Analysis	Global Language Review, VIII(I), 258-266	2023
35	Dr. Muhammad Umair Ashraf	Waqas Mehmood 1, Muhammad Fareed 2*, Rasidah Mohd-Rashid 1*, Muhammad Umair Ashraf 3 and Attia Aman-Ullah	The role of facilities management in fighting COVID-19 outbreak: Evidence from Malaysian public hospitals	Frontiers in Psychology https://doi.org/10.3389/fpsyg.2022.1045972	W
35	Dr. Muhammad Umair Ashraf	Aslam, H., Ashraf, M. U. , & Imran, M.	Importance of Jirga system in conflict resolution Perception of people of district Zhob	Pakistan Journal of Social Sciences 43(1), 93-102.	Y
35	Dr. Muhammad Umair Ashraf	Iqbal, M. M. A., Safdar, M. R., Hayat, N., Ashraf, M. U., & Mehmood, W.	Social capital and social well-being among youth: Does self-efficacy moderate the relationship	Journal of Human Behavior in the Social Environment. Taylor & Francis (Routledge) DOI:10.1080/10911359.2023.2199041	W
36	Dr. Muhammad Umair Ashraf	Ashraf, M. U., Ashraf, M. U., & Imran, M	Role of Political Talk Shows in Creating Political Awareness among Youth: Case of	<i>Global Digital & Print Media Review</i> , VI(II), 15-24. https://doi.org/10.31703/gdpmr.2023(VI-II).02 .	Y

			Southern Punjab, Pakistan		
36	Dr. Muhammad Umair Ashraf	Patwary, Ataul Karim; Azam, Nor Rabiatal Adawiyah Nor, Ashraf, Muhammad Umair , Muhamed Yusoff, Abdullah, Mehmood, Waqas & Rabiul, Md Karim	Examining Employee Performance through Knowledge Management Practices, Organizational Commitment, and Capacity Building in the Malaysian Hotel Industry	Global Knowledge, Memory and Communication. Emerald Publishing. doi.org/10.1108/GKMC-11-2022-0256	X
36	Dr. Muhammad Umair Ashraf	Ashfaq Ahmad, Muhammad Mobeen Shafqat, Muhammad Ilyas, Muhammad Umair Ashraf, Afshan Urooj, Zhao Yu huan	Validation of the Environmental Kuznets Curve and Role of Economic Globalization: An Aggregate and Sectoral Analysis of An Indian Economy	Air Quality, Atmosphere & Health. 16 (10), 2035-2051. Publisher Springer.	W
36	Dr. Muhammad Umair Ashraf	Salbia Abbas, Muhammad Umair Ashraf , Rimsha Butt	Frequency of Self-Acceptance Level and Depression in Association with Death Anxiety Among Patients Suffering from Hepatitis C: Depression in Association with Death Anxiety	Vol 4, Issue 6 (June 2023) Pakistan Journal of Health Sciences, 300-305.	Y
36	Dr. Muhammad Umair Ashraf	Muhammad Umair Ashraf	Improving The Facilities Management of Covid-19 In Pakistani Public Hospitals	PSU Research Review Emerald Publishing.	Y
36	Ms, Mehwish Khalid	Mehwish Khalid	Post-Divorce Issues and Challenges: A Phenomenological Study of Divorced Mothers from	Pakistan Languages and Humanities Review, 2023 7 (3), 640-651	Y

			District Sialkot, Pakistan		
36	Ms, Mehwish Khalid	Ms, Mehwish Khalid	Gamers Revealed: Peer Attachment and Family Bonds as Predictors of Adolescent Online Video Gaming Addiction in District Sialkot, Pakistan	Pakistan Journal of Society, Education and Language (PJSEL) 10 (1), 358-369	Y

2.3 Conferences / Seminars / Workshops

2.3.1 Conferences

2.3.1.1 Conferences Organized

S.No	Dept.	Title of Conference	National / International	Funding Agency / Collaborators	Invited Speakers	Date
1.	Institute of Arabic and Islamic Studies	5 th Three Days International Conference on Contemporary Trends in Seerah Literature, Challenges and Prospects	International	HEC	Prof. Dr. Abu Sufyan Islahi, Dr. Israr Ahmad Khan, Dr. Tahir Raza Bukhari	, 2022

2.3.1.2 Conferences Attended / Presented

SN	Name of Faculty Member	Role (Session Chair/Panelist)	Title of Article / Conference	Venue / Organized by	Date
1.	Dr. Muhammad Afzal Butt	Speaker	اردو ناول میں پاک وہند کی ثقافت	جی سی یو فیصل آباد	2022
2.	Dr. Muhammad Afzal Butt	Speaker	دوروزہ عالمی کانفرنس ادب کی تفہیم کے زاویے: نظریہ، نقاد اور قاری (آن لائن)	ورلڈ اردو ایسوسی ایشن، نئی دہلی	2022
3.	Dr. Muhammad Afzal Butt	Speaker	Professional Development of Faculty		2022
4.	Dr. Muhammad	Speaker	دوروزہ تکنیکی و تحقیقی ورکشاپ	سیرت سٹڈی سنٹر	2022

	Afzal Butt			سیالکوٹ	
5.	Dr. Muhammad Afzal Butt	Speaker	بیاد اقبال	GCWUS	2022
6.	Dr. Muhammad Afzal Butt	Speaker	قرآن، رمضان اور انسان	GCWUS	2022
7.	Dr. Muhammad Afzal Butt	Speaker	Contemporary Trends in Seerah Literature: Challenges & Prospects	GCWUS	2022
8.	Dr. Muhammad Afzal Butt	Speaker	بین الاقوامی فیض احمد فیض سیمینار	GCWUS	2022
9.	Dr Rifat Choudhury	Speaker	دوروزہ عالمی کانفرنس ادب کی تفہیم کے زاویے: نظریہ، نقاد اور قاری (آن لائن)	ورلڈ اردو انسٹیٹیوٹ، نئی دہلی	2022
10.	Dr. M. Khuram Yasin	Speaker	Strengthening Teaching and Research Capacity	FJWU, Rawalpindi	2022
11.	Dr. Fasiha Altaf	Session Chair	International Conference on Strengthening Teaching and Research Capacity	FJWU, Rawalpindi	2022
12.	Dr. Fasiha Altaf	Co-Presenter	“Implementation of E Learning in Public and Private Schools: Impact of COVID-19 Pandemic (International Conference on Strengthening Teaching and Research Capacity)	FJWU Rawalpindi Pakistan in Collaboration with South Asian Institute, University of Texas, Austin-USA	2022
13.	Dr. Fasiha Altaf	Presenter	“Effect Of Physical Facilities on Teacher’s Motivation At Higher Secondary School Level” Paper presented in Global Trends and Changeless in Higher Education	University of Lahore, Department of Education	2022
14.	Dr. Ayesha Khalil	Session Chair	Conference on	FJWU,	2022

			Strengthening Teaching and Research Capacity	Rawalpindi – Pakistan in Collaboration with South Asian Institute, University of Texas, Austin-USA	
15.	Dr. Aysha Khalil	Presenter	“Artificial Intelligence Based Personalized Learning Framework for Higher Education”	FJWU, Rawalpindi Pakistan in Collaboration with South Asian Institute, University of Texas, Austin-USA	2022
16.	Dr. Muhammad Latif	Presenter	Impact of The Course “Introduction to Education (Edu-101) on Learning of Undergraduate Students”	FJWU, Rawalpindi Pakistan in Collaboration with South Asian Institute, University of Texas, Austin-USA	2022
17.	Dr. Muhammad Latif	Co-presenter	Suicide News Reporting During COVID-19 Lockdown in Pakistan: A Content Analysis	International Conference on Media and Communication Studies (ICMACS)	2022
18.	Ms. Gulnaz Akbar	Presenter	“Implementation Of E Learning In Public And Private Schools: Impact Of COVID-19 Pandemic”	FJWU, Rawalpindi Pakistan in Collaboration with South Asian Institute, University of Texas, Austin-USA	2022
19.	Ms. Sobia Younas	CO-Presenter	Effect of Physical Facilities On Teacher’s Motivation at Higher Secondary	University of Lahore, Department of Education	2022

			School Level”		
20.	Ms. Amna Zahid	Presenter	2 nd International Conference on Linguistics, Literary and Pedagogical Turns	University of Wah	2022
21.	Ms. Amna Zahid	Moderator	International conference on Strengthening Teaching and Research Capacity: Collaborative Partnership in Social Sciences	FJWU, Rawalpindi with collaboration of South Asian Institute, University of Texas, Austin, USA	2022
22.	Ms. Um ul Huda	Moderator	International conference on Strengthening Teaching and Research Capacity: Collaborative Partnership in Social Sciences	FJWU, Rawalpindi with collaboration of South Asian Institute, University of Texas, Austin, USA	2022
23.	Ms. Um ul Huda	Presenter	International conference on Strengthening Teaching and Research Capacity: Collaborative Partnership in Social Sciences	FJWU, Rawalpindi with collaboration of South Asian Institute, University of Texas, Austin, USA	2022
24.	Ms. Mahaam Khan	Presenter	3 rd International Conference of Social Sciences and Humanities, 2022 Title: A case study of Dysarthria patient	Kinnaird College for Women	2022
25.	Ms. Mahaam Khan	Session Chair	3 rd International Conference of Social Sciences and Humanities, 2022	Kinnaird College for Women	2022

26.	Ms. Mahaam Khan	Presenter	5 th International Seerah Conference on Contemporary Trends in Seerah Literature: Prospects and Challenges	GCWUS	2022
27.	Ms. Mahaam Khan	Presenter	AMCAP-UO International Media Conference Title: An analysis of social judgement based on the views of Pakistani University students about females riding motorcycles	University of Okara	2022
28.	Ms. Mahaam Khan	Moderator	International Conference on Strengthening Teaching and Research Capacity: Collaborative Partnership in Social Sciences	FJWU, Rawalpindi	2022
29.	Dr. Amir Hayat	Session Chair	Strengthening teaching and research capacity: Collaborative partnership in Social Sciences	FJWU, Rawalpindi	2022
30.	Dr. Amir Hayat	Paper Presenter	Problem of spouses in modern times: Remedial measures in the light of Seerah of youth Generation for societal Change: Guidance from Seerah	Shaheed Benzair Bhutto Women University, Peshawar	2022
31.	Dr. Amir Hayat	Paper Presenter	Social conflicts Resolution in the light of Seerah of the Prophet SAW	1 st International Islamic conference on Peace Islamic Research Institute,	2022

				Islamabad	
32.	Dr. Amir Hayat	Paper Presenter	معاشرتی سیرت: تنازعات کا حل سیرت النبی کی روشنی میں، سیرت طیبہ سے استفادہ کی جہات	Al Qadir University, Jehlum	2022
33.	Dr. Amir Hayat	Paper Presenter	The role of Bait ul Maal in the Unity of Ummah: Prospects and Challenges	Seerat Chair, Faculty of Islamic learning, Bahawalpur	2022
34.					2022
35.	Dr. Noreen Butt	Paper Presenter	سیرت کا کلامی منہج- سیرت سرور عالم کا تجزیاتی مطالعہ	GCWUS	2022
36.	Ms. Asma Naz	Paper Presenter	Contemporary trends in seerah literature: Challenges and Prospects	GCWUS	2022
37.	Ms. Ayesha Shabbir	Paper Presenter	ادب سیرت میں عبدالرؤف دینا پوری کا منہج و اسلوب: استیحاء و سیرت کا مطالعہ	GCWUS	2022
38.					2022
39.	Dr. Waleed Khan	Paper Presenter	Aspects of the use of seerah e Taibah in modern age	Al Qadir University, Jehlum	2022
40.	Dr. Waleed Khan	Paper Presenter	Contemporary Trends in Seerah Literature; Challenges and prospects	GCWUS	2022
41.	Dr. Waleed Khan	Paper Presenter	Promoting research excellence in Academics across Pakistan	HEC	2022
42.	Dr. Waleed Khan	Paper Presenter	ریاست مدینہ کے استحکام میں معاشی نظریے کا کردار؛ سیرت طیبہ کو روشنی میں	GC University, Hyderabad	2022
43.	Dr. Waleed Khan	Paper Presenter	Training of youth generation for societal	Shaheed Benazir Bhutto University	2022

				Peshawar	
44.	Dr. Muhammad Imran	Presenter	Investigating the impact of social support on mental health of unemployed youth during COVID19 Pandemic with mediating role of self-esteem	FJWU, Rawalpindi & South Asian University of Texas, Austin-USA	2022
45.	Dr. Muhammad Imran	Presenter	South Asia without water? A dilemma in the making /Deciphering Global Security Architecture in 21 st Century: Exploring Path ways, Determining Strategies	University of the Punjab, Lahore	2022
46.	Dr. Tahira Mumtaz	Presenter	Deciphering Global Security Architecture in 21 st Century: Exploring Path ways, Determining Strategies	University of the Punjab, Lahore	2022
47.	Dr. Tahira Mumtaz	Presenter	Strengthening teaching and research capacity: Collaborative partnership in Social Sciences	FJWU, Rawalpindi & South Asian University of Texas, Austin-USA	2022
48.	Dr. Umara Rauf	Session Chair	International Conference on Strengthening Teaching and Research Capacity Building	FJWU, Rawalpindi, Pakistan in collaboration with South Asian Institute. University of Texas, Austin-USA	2022
49.	Dr. Umara Rauf	Presenter	Distress Tolerance as a Determinant of Mental Health and Marital Satisfaction	FJWU, Rawalpindi, Pakistan in collaboration	2022

			among Married Couples	with South Asian Institute. University of Texas, Austin-USA	
50.	Dr. Umara Rauf	Presenter	Impact of Internalized Stigma on Demoralization, Mental Health, and Coping Mechanisms among Persons with Drug Addiction	University of Central Punjab in collaboration with Phoenix Foundation for Research & Development, Lahore Pakistan	2022
51.	Dr. Umara Rauf	Session Co-Chair	Substance Use Disorders	University of Central Punjab in collaboration with Phoenix Foundation for Research & Development, Lahore Pakistan	2022
52.	Dr. Razia Anjum	Presenter	Childhood Maltreatment, Post Traumatic Growth and Psychological Well-Being Among University Students	FJWU, Rawalpindi	2022
53.	Dr. Razia Anjum	Presenter	Self-Compassion, Perceived Social Support And Psychological Distress Among Working Women	FJWU, Rawalpindi	2022
54.	Dr. Razia Anjum	Presenter	Impact of the Course Introduction to Education (Edu-101) on learning of undergraduate students.	FJWU, Rawalpindi	2022
55.	Dr. Razia Anjum	Session Chair	Effects of perceived parental conditional regard on emotional	FJWU, Rawalpindi	2022

			state of adolescents: gender as moderator		
56.	Ms. Saba Asif	Presented	Title: Dark Triad Traits, Social Intelligence and Job Satisfaction among different professionals at Workplace. Conference: The International Conference on Strengthening Teaching and Research Capacity Collaborative Partnership in Social Sciences	FJWU, Rawalpindi-Pakistan South Asian Institute, University of Texas, Austin-USA	2022
57.	Ms. Saba Asif	Presented	Title: Perceived Parenting Styles And Problem Solving Ability Among Adolescents: Military vs Civil Families	FJWU, Rawalpindi-Pakistan South Asian Institute, University of Texas, Austin-USA	2022
58.	Ms. Mahshameen Munawar	Session moderator	International Conference on Strengthening Teaching and Research Capacity Building	FJWU, Rawalpindi-Pakistan South Asian Institute, University of Texas, Austin-USA	2022
59.	Ms. Afnan Saqib	Session moderator	International Conference on Strengthening Teaching and Research Capacity Building	FJWU, Rawalpindi-Pakistan South Asian Institute, University of Texas, Austin-USA	2022
60.	Ms. Afnan Saqib	Presenter	International Conference on Strengthening Teaching and Research Capacity	FJWU, Rawalpindi	2022

			Building		
61.	Ms. Salbia Abbas	Presenter	9th international conference on Trauma, Abuse, Violence: Thriving for a world without torture: Impact of domestic violence on children	National institute of Psychology, Quaid e azam University islamabad-Pakistan	2022
62.	Ms. Salbia Abbas	Presenter	Impact of the course “Introduction to education (101) on learning of undergraduate students.”	FJWU in collaboration with USAID	2022
63.	Ms. Salbia Abbas	Presenter	International Youth Conference 6 th initiative	Civil Society Youth Engagement at the United Nations New York City, NY, USA	2022
64.	Ms. Salbia Abbas	Presenter/Delegat e	Arab Youth International Model United Nations	Model United Nations	2022
65.	Dr. Muhammad Mobeen Shafqat	Session Chair	Impactful research for sustainable development, 2 nd international conference & graduate colloquium and 3 minutes thesis competition	Organized by Hailey College of Commerce, University of the Punjab, Quaid-e-Azam Campus, Lahore, Pakistan	2022
66.	Dr. Zarrin Fatima Rizvi	Attendee	Remediation of chromium and arsenic contaminated soils by using Ricinus communis	Proceedings of the 1 st international conference on recent approaches in plant sciences	2022

67.	Dr. Zarrin Fatima Rizvi	Attendee	Sustainable Management of Traffic Borne Elemental Enriched Roadside Soils by Using <i>Nerium oleander</i> L.	Lahore College for Women University, Lahore, Pakistan	2022
68.	Dr. Zarrin Fatima Rizvi	Attendee	Ecological risk assessment and physicochemical characterization of various ecosystem components of Marala and Bajwat wetlands in Sialkot, Pakistan. Joint Aquatic Sciences Meeting	Online, organized by the Society of Wetland Scientists and American Fisheries Society at Grand Rapids, USA	2022
69.	Dr. Noreen Khalid	Oral presenter	Ecological risk assessment and physicochemical characterization of various ecosystem components of Marala and Bajwat wetlands in Sialkot, Pakistan. Joint Aquatic Sciences Meeting	Online, organized by the Society of Wetland Scientists and American Fisheries Society at Grand Rapids, USA.	2022
70.	Dr. Noreen Khalid	Oral presenter	“Sustainable Management of Traffic Borne Elemental Enriched Roadside Soils by Using <i>Nerium oleander</i> L.” International Conference on Sustainable Development Goals: Localizing the SDGs through academia	Organized by Lahore College for Women University, Lahore, Pakistan.	2022
71.	Dr. Noreen Khalid	Oral presenter	“Remediation of chromium and arsenic contaminated soils	University of Education Lahore, Pakistan	2022

			by using <i>Ricinus communis</i> ” 1 st International Conference on Recent Approaches in Plant Sciences		
72.	Dr. Mehmooda Munazir	Invited Speaker	Botanical Antioxidants: A potent source of drug development	1st International & 2nd National Conference on Recent Advances in Drug Discovery and Development. The University of Lahore	2022
73.	Dr. Sajjad Hyder	Presenter (Online)	3 rd International Conference on Climate Smart Agriculture: The way towards Ecosystem Restoration	MNS University of Agriculture Multan-Punjab, Pakistan	2022
74.	Dr. Sajjad Hyder	Presenter	1 st International Conference on Plant Protection Sciences	Faculty of Crop Protection, Sindh Agriculture University, Tando Jam	2022
75.	Dr. Sajjad Hyder	Attendee	19 th International Congress of Soil Science, Soil Health and Sustainable Development Goals	Soil Science Society of Pakistan, University of Agriculture Faisalabad, Pakistan	2022
76.	Dr. Sajjad Hyder	Presenter	7 th International Conference on Climate Smart Agriculture: Innovations and Adaptations	Faculty of Agriculture, University of Poonch Rawalakot, AJK, Pakistan	2022

77.	Dr. Shazia Nouren	Attendee	Recent Advances in Interdisciplinary Natural Sciences	Dept. of Chemistry, Govt. College Women University, Faisalabad	2022
78.	Dr. Amina Sadiq	Attendee	Learning the modern skills in E-commerce and how to earn from online platform like amazon	Department of Chemistry, University of Gujrat	2022
79.	Dr. Amina Sadiq	Attendee	Anti-tobacco Awareness Seminar	Department of Chemistry, University of Gujrat	2022
80.	Dr. Amina Sadiq	Attendee	Patent, drafting & filing	Department of Chemistry, University of Gujrat	2022
81.	Dr. Amina Sadiq	Attendee	Driving the development of bio-based polymers with molecular simulation	Via Zoom by Chemistry World	2022
82.	Dr. Amina Sadiq	Attendee	Powerful technology through tiny particles: Innovation with aqueous colloidal silica	Via Zoom by Chemistry World	2022
83.	Dr. Amina Sadiq	Attendee	Promoting Research Excellence in Academics across Pakistan	Via Zoom by HEC	2022
84.	Dr. Amina Sadiq	Attendee	Using flow chemistry to give early drug discovery processes a boost	Via Zoom by Chemistry World	2022
85.	Dr. Shahla Andleeb	Attendee	1 st Pakistan national biosafety clearing house (BCH) Workshop	UN (Environment Program)	2022
86.	Dr. Adeel Mahmood	Attendee	'Solid Waste Management for Clean and Green	AKHNCRD Islamabad	2022

			Environment		
87.	Dr. Khalil Ur Rehman	Attendee	Solid Waste Management for Clean and Green Environment	AKHNCRD Islamabad	2022
88.	Dr. Samia Ashraf	Attendee	22 nd International Pure Mathematics Conference 2022	Department of Mathematics, Quaid-i-Azam University, Islamabad	2022
89.	Amna Zahid	Presenter	6th International Research Conference on Economics, Business and Social Sciences	University of Punjab, Lahore	2022
90.	Amna Zahid	Presenter	International Conference on TESOL Linguistics and Literature	UMT, Lahore	2022
91.	Dr. Fasiha Altaf	Session Chair	International Conference on Strengthening Teaching and Research Capacity: Capacity: Collaborative Partnership in Social Sciences Under U.S. – Pakistan University Partnership Grants	Fatima Jinnah Women University, Rawalpindi – Pakistan in Collaboration with South Asian Institute, University of Texas, Austin-USA, and Funded by the United States Government Administered by United States Educational Foundation in Pakistan.	2022
92.	Dr. Fasiha Altaf	Co-Presenter	“Implementation of E Learning in Public and Private Schools: Impact of COVID-19 Pandemic (International Conference on Strengthening Teaching and	Fatima Jinnah Women University, Rawalpindi – Pakistan in Collaboration with South Asian Institute, University of	2022

			Research Capacity)	Texas, Austin-USA, and Funded by the United States Government Administered by United States Educational Foundation in Pakistan.	
93.	Dr. Fasiha Altaf	Presenter	“Effect Of Physical Facilities on Teacher’s Motivation At Higher Secondary School Level” Paper presented in Global Trends and Changeless in Higher Education	University of Lahore, Department of Education	2022
94.	Dr. Ayesha Khalil	Session Chair	Conference on Strengthening Teaching and Research Capacity: Capacity: Collaborative Partnership In Social Sciences Under U.S. – Pakistan University Partnership Grants	Fatima Jinnah Women University, Rawalpindi – Pakistan in Collaboration with South Asian Institute, University of Texas, Austin-USA, and Funded by the United States Government Administered by United States Educational Foundation in Pakistan.	2022
95.	Dr. Aysha khalil	Presenter	“Artificial Intelligence Based Personalized Learning Framework for Higher Education” Paper Presented in the International Conference on Strengthening Teaching and	Fatima Jinnah Women University, Rawalpindi Pakistan in Collaboration with South Asian Institute, University of Texas, Austin-USA, and	2022

			Research Capacity: Collaborative Partnership In Social Sciences Under U.S. – Pakistan University Partnership Grants Program	Funded by the United States Government Administered by United States Educational Foundation in Pakistan.	
96.	Dr. Muhammad Latif	Presenter	IMPACT OF THE COURSE “INTRODUCTION TO EDUCATION (EDU-101) ON LEARNING OF UNDERGRADUATE STUDENTS” Paper Presented In The International Conference On Strengthening Teaching And Research Capacity: Collaborative Partnership In Social Sciences Under U.S. – Pakistan University Partnership Grants Program	Fatima Jinnah Women University, Rawalpindi – Pakistan in Collaboration with South Asian Institute, University of Texas, Austin-USA, and Funded by the United States Government Administered by United States Educational Foundation in Pakistan.	2022
97.	Dr. Muhammad Latif	Co-presenter	Suicide News Reporting During COVID-19 Lockdown in Pakistan: A Content Analysis	<i>International Conference on Media and Communication Studies (ICMACS)</i>	2022
98.	Ms. Gulnaz Akbar	Presenter	“Implementation Of E Learning In Public And Private Schools: Impact Of COVID-19 Pandemic” Paper Presented In The International	Fatima Jinnah Women University, Rawalpindi – Pakistan in Collaboration with South	2022

			Conference On Strengthening Teaching And Research Capacity: Collaborative Partnership In Social Sciences Under U.S. – Pakistan University Partnership Grants Program	Asian Institute, University of Texas, Austin- USA, and Funded by the United States Government Administered by United States Educational Foundation in Pakistan.	
99.	Ms. Sobia Younas	CO-Presenter	Effect of Physical Facilities On Teacher’s Motivation at Higher Secondary School Level” Paper presented in Global Trends and Changeless in Higher Education	University of Lahore, Department of Education	2022
100.	Dr. Shazia Nouren	Participant	Recent advances in food chemistry and natural products	Institute of food Science and Nutrition and institute of Chemistry, University of Sargodha, Sargodha	2022
101.	Dr Iram Saba	Participant	02 Days International Conference entitled as “ Health Security 2023 ”	UVAS Lahore at Flatties Hotel Lahore.	2023
102.	Dr Iram Saba	Participant	02 Days International Conference entitled as “ Chemistry, Materials and Technology (CMT-2023) ”	Iqbal Auditorium at University of Agriculture, Faisalabad.	2023
103.	Dr Iram Saba	Participant	01 Day training on “ Atomic Absorption Spectrophotometer ”	CRL (Central research	2022

			(AAS)”	laboratory) at GC Women University Sialkot held on	
104.	Dr Iram Saba	Participant	02 Days International Conference entitled as “Recent Advances in Food Chemistry and Natural Products Research”	University of Sargodha, Sargodha.	2022
105.	Dr.Muhammad Mobeen Shafqat	Session chair	COVID-19 Pandemic Lessons for Digitalizatio n, Corporate and Social Sector Sustainabilit y	University of the Punjab Gujranwala Campus	2023
106.	Dr. Imran Aslam	Invited Speaker	Photocatalysis— A green technology for degradation of organic pollutants/N ANO- PAK2023 2 nd International Conference on Emerging Trends & Innovations in Technology	Department of Physics, Riphah International University, Lahore	2023
107.	Prof. Dr. Zarrin Fatima Rizvi	Presented	8 th International & 17 th National Conference on “Advances in Plant Science in the Era of Climate Change”	GC University Lahore and University of the Punjab Lahore, Pakistan.	October 26 – 28, 2022

108.	Dr. Noreen Khalid	Oral presentation	2 nd International conference on Recent Approaches in Plant Sciences (RAPS-2023)”	University of Education Lahore, Pakistan.	4 th -5 th April 2023
109.	Dr. Noreen Khalid	Presented	8 th International & 17 th National Conference on “Advances in Plant Science in the Era of Climate Change”	GC University Lahore and University of the Punjab Lahore, Pakistan.	October 26 – 28, 2022
110.	Dr. Noreen Khalid	Presented	5 th International Conference on Emerging Trends in Bioinformatics and Biosciences	Hazara University, Mansehra, Pakistan.	(Sept 14-16, 2023)
111.	Dr. Sajjad Hyder	Presented	8 th International & 17 th National Conference on “Advances in Plant Science in the Era of Climate Change”	GC University Lahore and University of the Punjab Lahore, Pakistan.	October 26 – 28, 2022
112.	Dr. Amina Kanwal	Presenter	8 th International and 17 th National Conference on “Advances in Plant Science in the Era of Climate Change.	GC University Lahore and Institute of Botany, University of Punjab Lahore.	Oct. 26-28, 2022.
113.	Dr. Amina Kanwal	Presenter	Potential of tree species for domestic	GC University Lahore and Institute of	Oct. 26- 28, 2022.

			wastewater remediation and urban climate change mitigation. 8 th International and 17 th National Conference on “Advances in Plant Science in the Era of Climate Change.”	Botany, University of Punjab Lahore	
114.	Dr. Maimona Saeed	Oral presentation	2 nd International conference on Recent Approaches in Plant Sciences (RAPS-2023)”	University of Education Lahore, Pakistan.	4 th -5 th April 2023

2.3.2 Seminars

2.3.2.1 Seminars Organized

SN	Department	Title of Seminar	National / International	Funding Agency / Collaborators	Invited Speakers	Date
1.	Zoology	An awareness Seminar on ‘Dengue Prevention and Control’	National	GCWUS	Dr Sajida Mushtaq	2022
2.	Zoology	Awareness Seminar on Dengue Prevention and Control	National	GCWUS	Dr Sajida Mushtaq	2022
3.	Statistics	How to write Literature Review	National	NA	Prof. Dr. Muhammad Zubair	2022

4.	Chemistry	Entrepreneurship and Protection of Intellectual property rights filing process and prosecution of Patent's	National		Dr. Muhammad Akhyar Farrukh	2022
5.	Chemistry	Synthesis of Metal Nanoparticles for Heterogeneous Catalysis”	National		Mr. Awais Ahmed Department of Chemistry, University of Cardoba, Spain.	2022
6.	Chemistry	What is research (Problems and Solutions)	National		Prof. Dr. Hadariah Bahron Faculty of Applied Sciences – UNIVERSITI TEKNOLOGI, MARA	2022
7.	Business Administration	Panel Discussion on Strategic Alliance between Industry and Academia	National	GCWUS		2022
8.	GCWUS	Book Fair 2	National	GCWUS		2022
9.	Business Administration	Entrepreneurship gala	National	GCWUS		2022
10.	Business Administration	Entrepreneurship as viable Option	National	GCWUS		2022
11.	Business Administration	Capacity Building of women entrepreneurs with the cooperation of State Bank of Pakistan	National	GCWUS		2022
12.	Business Administration	Mera Garh Mera Pakistan	National	GCWUS		2022
13.	Business Administration	Awareness Session on Islamic Banking with GCWUS	National	GCWUS		2022
14.	Director Students Affairs	Seminar on Human Rights	National	HRCF	Salima Hashmi Raja Ashraf Hussain Naqi	2022

					Tahira Habib	
15.	Anti-Narcotics Committee	Drug Abuse Prevention in Educational Institutions	National	Anti-Narcotics Force	Mr. Adnan Iqbal Khan (SHO, ANF)	2022
16.	Pakistan Navy	Induction in Pak Navy through short service commission course	National	Pakistan Navy		2022
17.	IAIS	Peace & Tolerance (Role of Individuals in Promotion of Co-existence)	National	GCWUS	Prof. Dr. Rukhsana Kousar, Prof. Dr. Ikram ul Haq Yaseen Dr. Abdul Aleem	2022
18.	IAIS	Istaqbal-e-Ramadan Seminar	National	GCWUS	Prof. Dr. Hafiz Khalil Ahmad	2022
19.	Political Science	National Seminar on “Qayam-E-Pakistan Mein Tulba Ka Kirdar”	National	GCWUS	Prof. Arshad Mirza	2022
20.	Psychology	“Drug Abuse Prevention in Educational Institutions”	National	Anti-Narcotics Force, Pakistan	Mr. Adnan Iqbal Khan (Station House Officer, ANF)	2022
21.	Sociology	International Women Day Seminar and Panel Discussion	National		Prof. Dr. Rukhsana Kausar, Dr Kalsoom Paracha, Dr. Ummarah Rauf, Ms. Nuzhat Imran, Ms. Shamsa Kanwal, Ms. Sundas	2022
22.	Zoology	Breast cancer awareness seminar	National	SKMCH	Dr. Maira Dastagir	2022
23.	Zoology	Blood donation camp	National	SKMCH	SKMC	2022
24.	Zoology	Awareness seminar on Thalassemia	National	Jihad for zero thalassemia	Talal Anwar	2022
25.	Zoology	‘Recent Trends in Fisheries and Aquaculture’	National	self	Mrs Azeem Begum , Deputy Director	2022

					Fisheries Gujranwala Division	
26.	Political science	Independence Day	National	GCWU Sialkot		august20 23
27.	Political Science	Defense Day	National	GCWUS		Sep 2023
28.	Business Administration	On HEC Revised Plagiarism Policy	National	-	Mr.Ijaz	Aug 31 st , 2023
29.	Business Administration	Session on Prospective Women borrowers and Banking under equality policy 09- 05-2023)	National	-	Mr. Sufyan	2023
30.	Business Department	Seminar on Islamic Banking Awareness Session	National	SBP	Mr.Sufyan	2022
31.	Business Department	Session on Prospective Women borrowers and Banking under equality policy	National	SBP	Mr.Sufyan	2023
32.	Statistics	Three days Hands on Training on “Application of Plant Data in R Language”	National	GCWUS	Dr. Memona Nazir	11-10- 2022

2.3.2.2 Seminars Attended / Conducted

SN	Name	Role	Title of Seminar	Organized by	Date
1.	Ms. Sahar Mobeen	Participant	One Day International Seminar Faiz Shanasi	Department of Urdu, GCWUS	2022
2.	Dr. Umair Ashraf, Ms. Saba Javed, Ms. Bukhatawar Khan, Ms. Mehwish Khalid	Participant	Anti- Dengue Day Awareness Seminar on Dengue Prevention and Control	Dengue Management Committee of GCWUS	2022
3.	Ms. Rabail Tanveer	Chief Guest	Dengue Awareness Week Seminar	Social Welfare Complex	2022
4.	Dr. Muhammad Muzaffar Dr. Zahid Yaseen Dr. Muhammad Imran Dr. Tahira Mumtaz	Attendee	The Development Journey National High- Level Seminar Of Development Leaders	HEC	2022

	Ms. Atra Komal Ms. Ammara Tariq Cheema Ms. Rabia Naveed Ms. Iqra Latif Ms. Munazzah Bukhari				
5.	Dr. Muhammad Muzaffar Dr. Zahid Yaseen Dr. Muhammad Imran Dr. Tahira Mumtaz Ms. Atra Komal Ms. Ammara Tariq Cheema Ms. Rabia Naveed Ms. Iqra Latif Ms. Munazzah Bukhari	Attendee	National Seminar on “Qayam-E-Pakistan Mein Tulba Ka Kirdar”	GCWUS	2022
6.	Ms. Amna Zahid	Participant	Dengue Prevention and Control	GCWUS	2022
7.	Dr. Fasiha Altaf	Speaker	Qualitative Research Design, Method and Data Analysis	Department of Education, Ghazi University, Dara Ghazi Khan	2022
8.	Dr. Muhammad Umer Farrukh	Panelist	Rural Entrepreneurship and Food Security in Pakistan	University of Agriculture Faisalabad	2022
9.	Dr. Yasin Munir	Moderator	Panel Discussion on Strategic Alliance between Industry and Academia	Department of Business Administration, GCWUS	2022
10.	Dr. Yasin Munir	Member Organizing Committee	Book Fair 2	GCWUS	2022
11.	Ms. Sana Inam Pal	Moderator	Entrepreneurship Gala	Department of Business Administration, GCWUS	2022
12.	Dr. Waqar Haider Rizvi	Moderator	Entrepreneurship as viable Option	Department of Business Administration, GCWUS	2022
13.	Dr. Muhammad Mobeen Shafqat	Moderator	Capacity Building of women entrepreneurs with the cooperation of State	Department of Business Administration,	2022

			Bank of Pakistan	GCWUS	
14.	Dr. Muhammad Mobeen Shafqat and Ms. Sana Azeem	Moderator	Mera Garh Mera Pakistan	Department of Business Administration, GCWUS	2022
15.	Dr. Yasin Munir, Dr. Muhammad Mobeen Shafqat, Dr. Waqar Haider Rizvi, Dr. Raheel Yasin, Dr. Jamshaid Khalid Ms. Sana Inam Pal, Ms. Hafsa Zafar and Ms. Atiya Simab	Participant	Professional Faculty Development Workshop Jointly Organized by GCWUS and HEC	GCWUS	2022
16.	Ms. Hafsa Zafar	Moderator	Awareness Session on Islamic Banking	GCWUS	2022
17.	Dr. Yasin Munir	Attended	How to get prepare for the peer review visit	NBEAC HEC	2022
18.	Dr. Noreen Khalid	Participant	Climate change, global pollution, biodiversity: can we turn the corner?	Webinar organized by the British Ecological Society	2022
19.	Dr. Noreen Khalid	Participant	Co-Designing a New and Better Global Systems Accounting for Pollution	Online discussion organized by the International Environment Forum	2022
20.	Dr. Noreen Khalid	Participant	Precision restoration: A necessary approach to foster forest recovery in the 21 st century	Webinar organized by The Society for Ecological Restoration, USA	2022
21.	Dr. Noreen Khalid	Participant	The Accelerating Environmental Crisis: A 60-year Perspective with Arthur Dahl	Webinar organized by International Environment Forum	2022
22.	Dr. Noreen Khalid	Participant	A new legal principle on ecological restoration: a way to scale-up restoration?	Webinar organized by The Society for Ecological Restoration, USA	2022
23.	Dr. Noreen Khalid	Participant	Environmental Education for Children Inspired by Spiritual Teachings	Webinar organized by International Environment Forum	2022
24.	Dr. Noreen Khalid	Participant	Mentoring the Next Generation of Wetland Professionals	Webinar organized by Society of Wetland Scientists, USA	2022

25.	Dr. Mehmooda Munazir	Participant	Protection of intellectual property: Filling, Process and Prosecution of Patents	ORIC and Chemical Society of Pakistan at UMT, Lahore	2022
26.	Dr. Sajjad Hyder	Participant	International webinar on "Xanthomonas performance: A Pathogen that is Constantly Changing	Department of Plant Pathology, Faculty of Agriculture and Environment, The Islamia University Bahawalpur, Pakistan	2022
27.	Ms. Anam Noor Hussain	Attendee	Advanced search Techniques / E-Library	An online Webinar organized by Center for Learning and Teaching Forman Christian College	2022
28.	Ms. Anam Noor Hussain	Attendee	Quantitative Research	An online Webinar organized by Center for Learning and Teaching Forman Christian College	2022
29.	Ms. Anam Noor Hussain	Attendee	Qualitative Research	An online Webinar organized by Center for Learning and Teaching Forman Christian College	2022
30.	Ms. Anam Noor Hussain	Attendee	Mixed Method Research	An online Webinar organized by Center for Learning and Teaching Forman Christian College	2022
31.	Ms. Anam Noor Hussain	Attendee	Reading, Writing and Publishing in Natural Sciences	An online Webinar organized by Center for Learning and Teaching Forman Christian College	2022
32.	Ms. Anam Noor Hussain	Attendee	And What the Books Do Not Teach! Tips From the Pros	An online Webinar organized by Center for Learning and Teaching Forman Christian College	2022

33.	Dr. Jahan Zaib Arshad	Attendee	Webinar “To discuss Different Collaboration Approaches with Baku State University”	Department of Chemistry, GCWUS	2022
34.	Dr. Jahan Zaib Arshad	Attendee	Webinar on “Thesis Writing and Viva Voce: What would Delight Examiners?”	Department of Chemistry, GCWUS	2022
35.	Dr. Jahan Zaib Arshad	Attendee	Seminar on “Entrepreneurship and Protection of Intellectual Property Rights: Filing Process and Prosecution of Patents”	Department of Chemistry, GCWUS	2022
36.	Dr. Jahan Zaib Arshad	Attendee	Seminar on “Synthesis of Metallic Nanoparticles for Heterogeneous Catalysis”	Department of Chemistry, GCWUS	2022
37.	Dr. Tayyaba Shahzadi	Attendee	Thesis Writing and Viva Voce What Would Delight Examiners-A guide for Students and Young Academics	Department of Chemistry, GCWUS	2022
38.	Dr. Tayyaba Shahzadi	Attendee	Entrepreneurship and Protection of Intellectual property rights filing process and prosecution of Patent’s	Department of Chemistry, GCWUS	2022
39.	Dr. Tayyaba Shahzadi	Attendee	Synthesis of Metal Nanoparticles for Heterogeneous Catalysis”	Department of Chemistry, GCWUS	2022
40.	Dr. Tayyaba Shahzadi	Attendee	What is Research (Problems and Solutions)	Department of Chemistry, GCWUS	2022
41.	Dr. Hira Tariq	Invited Speaker	Numerical Solution of Fractional Differential Equations	Department of Mathematics, University of Education Lahore, Vehari Campus	2022
42.	Dr. Sajida Mushtaq, Dr. Sadia Maalik, Dr. Moazama Batool	Participant	Prospects of Agriculture Development for Pakistan in the context of CPEC	Faculty of Veterinary and Animal Sciences MNS-University of Agriculture Multan	2022
43.	Dr. Saadia Malik	Participant	Protection of intellectual	ORIC UMT	2022

			property filling process and prosecution of patents		
44.	Dr. Sajida Mushtaq	Invited Speaker	Awareness Seminar on Dengue Prevention and Control	GCWUS	2022
45.	All Faculty members	Participant	Covid-19 and Vaccination Campaign in Italy at Glance”	GCWUS	2022
46.	All faculty members	Participant	Awareness Seminar on Dengue Prevention and Control	Anti-Dengue Management Committee, GCWUS	2022
47.	Dr. Qurat-Ul-Ain	Participant	Research Data-Why It Matters and How to Manage	Researcher Academy, Elsevier	2022
48.	Dr. Qurat-Ul-Ain	Participant	Reviewer workshop: How to get the most out of being a reviewer of scientific articles	Researcher Academy, Elsevier	2022
49.	Dr. Sadia Maalik, Dr. Asma Waheed Qureshi, Dr. Sajida Mushtaq, Dr. Moazama Batool	Member of Organizing committee	Seminar on Breast Cancer Awareness	Organized by Blood Donor and Health Society, Social Work Society, Pink Ribbon Youth Program by HEC, in collaboration with DSA, GCWUS.	2022
50.	Dr. Asma Waheed Qureshi, Dr. Sadia Maalik, Dr. Sajida Mushtaq, Dr. Moazama Batool	Organizing committee member	Emergence of antibiotic resistance in world	Zoological Society, Government College Women University Sialkot.	2022
51.	Dr. Moazama Batool, Dr. Sadia Maalik, Dr. Sajida Mushtaq	Organizing Committee member	“RECENT TRENDS IN FISHERIES AND AQUACULTURE	Department of Zoology, Government College Women University Sialkot.	2022
52.	Dr. Sadia Maalik, Dr. Asma Waheed Qureshi, Dr. Moazama Batool	Member of Organizing committee	"Seminar on Thalassemia"	Organized by Zoological Society, Blood Donor and Health Society and DSA	2022
53.	Dr. Asma Waheed Qureshi, Dr. Sadia Maalik, Dr. Sajida	Training Attended	ENDNOTE (Software)	Department of Zoology, Government College Women	3 rd April, 2023

	Mushtaq, Dr. Moazama Batool, Dr. Qurat ul Ain			University Sialkot.	
54.	Dr Iram Saba	Participant	One day International Seminar entitled as “Green Extraction of Plant Bioactives”	Department of Chemistry, University of Sargodha, Sargodha.	2022
55.	Dr. Jahan Zaib Arshad	Participant	Virtual Organic and Medicinal Chemistry Symposium	Department of Chemistry and Chemical Engineering, Lahore University of Management Sciences (LUMS), Lahore.	2022
56.	Dr. Jahan Zaib Arshad	Participant	Exploring Bioactive Phenolic Compounds in Food and Natural Real-World Sample	MDPI Molecules	2022
57.	Dr. Jahan Zaib Arshad	Participant	Offshore Renewables for a Transition to a Low Carbon Society	MDPI Journal of Marine Science and Engineering	2022
58.	Dr. Jahan Zaib Arshad	Participant	Metal Complexes on Biomedical Applications	Wiley-VCH	2022
59.	Dr. Jahan Zaib Arshad	Participant	Revealing the Invisible: How to Prepare and Analyze Battery Samples with Electron Microscopy	Wiley Analytical Science	2022
60.	Dr. Fasiha Altaf	Speaker	Qualitative Research Design, Method and Data Analysis	Department of Education, Ghazi University, Dara Ghazi Khan	2022
61.	Dr. Aisha Farid, Director, Women Development Center	Webinar on Working Mothers: Challenges and Solutions	National	WDC, GC Women University Sialkot	27-07-2023

62.	Dr. Aisha Farid, Director, Women Development Center	Webinar : A Narrative about Women Empowerm ent from East to West	International	WDC, GC Women University, Sialkot	30-08- 2023
63.	Dr.Muhammad Mobeen Shafqat	Panelist	Regional Forum meeting under Banking on Equality Policy regarding women financial inclusion	SBP	2023
64.	Dr.Muhammad Mobeen Shafqat	participant	Technology Development fund	HEC	2022
65.	Dr. Sajjad Hyder	Attended	Super Foods: The Food and Medicine of Future.	Faculty of Agricultural Sciences, University of The Punjab Pakistan.	June 14, 2023

2.3.3 Workshops

2.3.3.1 Workshops Organized

SN	Department	Title of Workshop	National / International	Funding Agency / Collaborators	Resource Person/s	Date
1.	Botany	03-day Hands on Training on “Application of Plant Data in R Language”.	National	Government College Women University, Sialkot Pakistan.	Dr. Hafiza Mamona Nazir	11 – 13 October 2022
2.	Statistics	One day training workshop on Mendelay Reference Manager	National	Nil	Dr. Hafiza Mamona Nazir	2022
3.	Statistics	Workshop on data analysis using R	National	Nil	Dr. Hafiza Mamona Nazir	2022
4.	Fine Arts	Tie and Dye 2 Days workshop (Social Community Service)	National	GCWUS	Ms.Nida Iftikhar	2022
5.	Institute of Arabic & Islamic Studies	Two Days Workshop on MS Word and Modern Research Tools	National	HEC	Prof. Rodger Randle, Prof. Ahmad Arslan, Mr. Anthony	2022

					Perry	
6.	Department of Psychology	Psychological Scale Translation and Adaptation	International	GCWUS	Dr. Bushra Akram	2022
7.	Department of Psychology	7 days International Training Workshop Program of SWAAT and IC Intervention (Cambridge, UK)	International	GCWUS	Dr. Fariha N Paracha (CEO, SWAaT) and Dr. Sara Savage	2022
8.	Psychology	Faculty Development Training workshop on Research Methods	National	GCWUS & FJWU	Dr. Muhammad Imran, Dr. Ayesha Khalil, Dr. Razia Anjum, Dr. Khurum Yaseen, Ms. Maham Khan, Ms. Ayesha Asghar, Ms. Sobia Younas	2022
9.	Sociology	Research Ethics in Social Sciences	National	GCWUS	Dr. Adeela Rehman, Dr Muhammad Umair Ashraf	2022
10.	Sociology	Thesis Report Writing	National	GCWUS	Dr. Muhammad Rashid Hafeez, Dr. Umair Ashraf	2022
11.	Women Development Center, GC Women University, Sialkot	Two Days Training Program "Presentation Skills, Job Hunting, CV Making & Interview Skills	National	GC Women University, Sialkot	Dr. Aisha Farid, Assistant Professor, Department of English Dr. Mahwish Bashir, Assistant Professor, Department of Physics Dr. Robina	21 & 22 September 2023

					Ashraf, Assistant Professor, Department of Physics	
12.	Business Administration	Entrepreneurship as Viable Career Option	National	SMEDA	Awais Bin Mehtab	2023
13.	Business Administration	Proposal Writing Skills	National	-	Dr.Yasin Munir	2023
14.	Central Research Laboratory	Training on Atomic Absorption Spectroscopy (AAS)	National	GCWUS	Mr. Naveed Ashraf, KEMSTECK	2022

2.3.3.2 Workshops Attended / Conducted

SN	Name	Lecture Delivered	Title of Workshop	Organized by	Date
1.	Dr. Muhammad Umer Farrukh	Application of Qualitative Research Methods	Research and Development	University of Lahore	2022
2.	Dr. Saima Sajid	Reference Management with Endnote	Professional Development of Faculty, 2022	GCWUS	2022
3.	Dr. Yaar Muhammad	Using NVivo for Data Analysis and Writing Literature Review	Using NVivo for Data Analysis	University of Management and Technology, Lahore	2022
4.	Dr. Yaar Muhammad	Curriculum Design	Curriculum Design	University of Management Sciences (LUMS)	2022
5.	Dr. Yaar Muhammad	1. Qualitative Research Designs: An Overview Qualitative Data Collection Methods: An	Qualitative Research Workshop series	GCWUS	2022

		<p>Overview</p> <p>2. Collecting Qualitative Data Using Interviews and Focus Groups</p> <p>3. Collecting Qualitative Data Using Observation</p> <p>4. Using Documents as Qualitative Data</p> <p>5. Reflexive Thematic Data Analysis</p> <p>6. Interpretative Phenomenological Analysis (IPA)</p> <p>7. Qualitative Content Analysis</p> <p>8. Comparative Thematic Analysis (Framework Analysis) Qualitative Data Analysis with Nvivo</p>			
6.	Dr. Fasiha Altaf	Effective Teaching Techniques	Professional Development of Faculty	GCWUS	2022
7.	Dr. Fasiha Altaf	Effective Teaching Methods and Techniques for 21 st Century Teachers	Professional Development of Teachers	Department of Education at Sialkot Public School & College	2022
8.	Dr. Aysha Khalil	Development of Lesson Plans	Professional Development of Teachers	Department of Education at Sialkot Public School & College	2022
9.	Dr. Aysha Khalil	Developing	Professional Development	GCWUS	2022

		Course Outlines	of Faculty		
10.	Dr. Aysha Khalil	1. Qualitative Data Analysis by using Software NVivo/Atlas.ti 2. Digital Tools for Data Collection (Quantitative & Qualitative)	Faculty development workshop on Research Methods for Social Sciences	GCWUS	2022
11.	Dr. Muhammad Latif	Classroom Management	Teachers Training	GCWUS at Sialkot Public School & College	2022
12.	Dr. Muhammad Jamil	Bloom's Taxonomy and Educational Objectives	Professional Development of Faculty	GCWUS	2022
13.	Dr. Muhammad Jamil	Setting Educational Objectives using Bloom's Taxonomy	Professional Development of Teachers	Department of Education at Sialkot Public School & College	2022
14.	Ms. Gulnaz Akbar	Guidelines for Test Development	Professional Development of Teachers	Department of Education at Sialkot Public School & College	2022
15.	Ms. Sobia Younas	Dealing with Behavioural Issues of Students in Classroom	Professional Development of Teachers	Department of Education at Sialkot Public School & College	2022
16.	Ms. Sobia Younas	Qualitative Data Analysis (Thematic, Discourse & Content Analysis)	Faculty development workshop on Research Methods for Social Sciences	GCWUS	2022
17.	Ms. Shahida Parveen	Participant	Academic Writing & Effective Language Assessment	GCWUS	2022
18.	Ms. Shahida Parveen	Participant	Promoting Research Excellence in Academics across Pakistan	HEC	2022
19.	Ms. Shahida Parveen	Participant	Research Data Management-Why It Matters and How to	Elsevier Asia Pacific	2022

			Manage		
20.	Ms. Shahida Parveen	Participant	Empowering knowledge on ethical publishing: Mastering the art of identifying predatory, fake and cloned journals	APAC Customer Success Hub	2022
21.	Ms. Amna Zahid	Participant	Professional Development of Faculty	GCWUS	2022
22.	Ms. Amna Zahid	Participant	Psycho-Socio Wellbeing at Workplace	FJWU, Rawalpindi with collaboration of South Asian Institute, University of Texas, Austin, USA	2022
23.	Ms. Amna Fayyaz	Participant	Psycho-Socio Wellbeing at Workplace	FJWU, Rawalpindi with collaboration of South Asian Institute, University of Texas, Austin, USA	2022
24.	Ms. Mahaam Khan	Participant	Psycho-Socio Wellbeing at Workplace	FJWU University, Rawalpindi with collaboration of South Asian Institute, University of Texas, Austin, USA	2022
25.	Ms. Um ul Huda	Participant	Psycho-Socio Wellbeing at Workplace	FJWU University, Rawalpindi with collaboration of South Asian Institute, University of Texas, Austin,	2022

				USA	
26.	Ms. Maeda Shakil Mirza	Participant	Academic Writing and Effective Language Assessment	GCWUS	2022
27.	Ms. Sheeza Javaid	Participant	Faculty development Workshop on research methods	HEC	2022
28.	Ms. Mubeen Khalid	Participant	Academic Writing & Effective Language Assessment	GCWUS	2022
29.	Ms. Nida Iftikhar	Celebrating 70 years of Pak-China friendship	Synergy ; Together we are stronger	COMSATS University Islamabad	2022
30.	Ms. Nida Iftikhar	Promoting Research excellence in academic across Pakistan	Professional Research Academy	ELSEVIER	2022
31.	Ms. Mahwish Rizwan	Art and awareness as a catalyst for healing	Art awareness as a healing well being	Museum Of Modern Art	2022
32.	Ms. Asna Habib	Behavior Management	Behavior management and modification	Eblity	2022
33.	Ms. Isbah Haider	Strengthening Teaching and research capacity in Pakistani Women Universities through collaborative partnership in social sciences	Professional Development Training Workshop	FJWU, funded by United States Government	2022
34.	Ms. Mehmoona Liaqat	Educational system in UK, duration, types of courses	Study in UK 2023	British Council	2022
35.	Ms. Samra Iqbal	Data collection, Data quality and Data management, qualitative and quantitative analysis	Research Skills and tools for Social Sciences	GCWUS	2022
36.	Dr. Amir Hayat	ProQuest one Business-Overview and	ProQuest one Business-Overview and Training	ProQuest customer experience	2022

		Training		HEC Islamabad	
37.	Dr. Amir Hayat	موضوعات بائبل میں تحقیقی مقالہ نگاری	موضوعات بائبل میں تحقیقی مقالہ نگاری	Institute of Islamic studies, PU Lahore	2022
38.	Dr. Amir Hayat	HEC Policies for journal recognition and publication	HEC Policies for journal recognition and publication	FJWU, Rawalpindi	2022
39.	Dr. Waleed Khan	Orientation capacity building and research planning	International Postdoctoral Fellowship	Islamic Research Institute Islamabad	2022
40.	Dr. Waleed Khan	Faculty Professional development training	Faculty professional development training workshop	Project of United State at GCWUS	2022
41.	Dr. Waleed Khan	Faculty Professional development training	Faculty Professional Development Training Workshop	FJWU, Rawalpindi	2022
42.	Dr. Waleed Khan	Orientation capacity building and research planning	International Postdoctoral Fellowship	Islamic Research Institute Islamabad	2022
43.	Dr. Muhammad Imran Dr. Tahira Mumtaz Ms. Iqra Latif	Foreign Grant Proposal (Community Development: Introducing Educational Development in Pakistan)	Faculty Professional Development Training	FJWU	2022
44.	Dr. Muhammad Imran	Research Ethics	Faculty Development Workshop on Research Methods for Social Sciences	GCWUS	2022
45.	Dr. Tahira Mumtaz	Foreign Grant Proposal (Community Development: Introducing Educational Development in Pakistan)	Faculty Professional Development Training	FJWU Rawalpindi, Pakistan	2022
46.	Dr. Umara Rauf	Attended as a	Creating Persuasive Media	International	2022

		Participant	Messages to Prevent Substance Misuse	Society of Substance Use Professionals, Libnon	
47.	Dr. Umara Rauf	Attended as a Participant	Creating Persuasive Media Messages to Prevent Substance Misuse	International Society of Substance Use Professionals, Libnon	2022
48.	Dr. Umara Rauf	Attended as a Participant	Alcohol Use Disorder (AUD) and its Treatment through Medication and Nutrition	International Society of Substance Use Professionals, Kenya	2022
49.	Dr. Umara Rauf	Attended as a Participant	HCV Prevention, Testing and Treatment for People who Inject Drugs: A Global and Country Perspective	International Society of Substance Use Professionals	2022
50.	Dr. Umara Rauf	Attended as a Participant	Empowering Knowledge on Ethical Publishing: Mastering the Art of Identifying Predatory, Fake and Cloned Journals	Elsevier	2022
51.	Dr. Umara Rauf	Attended as a Participant	War-Psychological Skills for Surviving and Coping with Traumatic Events: First Aid for Children	International Society of Substance Abuse Professionals, Ukraine	2022
52.	Dr. Umara Rauf	Attended as a Participant	Barrier to Support for People Experiencing Substance Abuse and Homelessness	International Society of Substance Abuse Professionals, Ukraine	2022
53.	Dr. Umara Rauf	Attended as a Participant	Social Media for Psychological Research in Ethical, Productive and Prosocial Ways	American Psychological Association	2022
54.	Dr. Umara Rauf	Attended as a Participant	Forgiveness can Improve Mental and Physical Health” (CE credit 1.0)	American Psychological Association’s Office of Continuing Education in Psychology	2022
55.	Dr. Umara Rauf	Attended as a	Promoting Research	Research	2022

		Participant	Excellence in Academics Across Pakistan	Academy, Elsevier in collaboration with HEC	
56.	Dr. Umara Rauf	Attended as a Participant	Clinical Case Formulation	Department of Psychology, GCWUS	2022
57.	Dr. Umara Rauf	Attended as a Participant	Two days training workshop on Advance Quantitative Data Analysis through Structural Equation Modeling (SEM) using AMOS	Department of Psychology, GCWUS	2022
58.	Ms. Saba Asif	Attended as a Participant	E workshop on 'Dissecting the scholarly publishing process. A current overview on the steps to getting published'	Wiley	2022
59.	Ms. Saba Asif	Attended as a Participant	5 days Faculty Professional Development Training Workshop (Part:1 Curriculum Development) under the project funded by the United States Government	FJWU	2022
60.	Ms. Saba Asif	Management Team member	5 days Faculty Professional Development Training Workshop (Part:1 Curriculum Development) under the project funded by the United States Government	FJWU	2022
61.	Ms. Saba Asif	Facilitator	An International Training Workshop Program of SWAat for Pakistan & IC Intervention (Cambridge-UK) in collaboration with GCWUS & Department of Psychology	SWAat	2022
62.	Ms. Saba Asif	Attended as a participant	2 days training workshop on 'Advanced Quantitative Data Analysis through Structural Equation Modeling (SEM) using AMOS'	Department of Psychology, GCWUS	2022
63.	Ms. Syeda Afnan Saqib	Attended	Curriculum development	FJWUS in collaboration	2022

				with USEFP	
64.	Ms. Syeda Afnan Saqib	Conducted	Stress Management	GCWUS in collaboration with HEC	2022
65.	Ms. Ayesha Asghar	Attended	Curriculum Development	FJWUS in collaboration with USEFP	2022
66.	Ms. Ayesha Asghar	Attended	Research Methodology	FJWUS in collaboration with USEFP	2022
67.	Ms. Ayesha Asghar	Conducted	Anger Management	GCWUS in collaboration with HEC	2022
68.	Ms. Ayesha Asghar	Attended	Workshop on Quantitative Data Analysis	GCWUS	2022
69.	Ms. Salbia Abbas	Attended as a Participant	E workshop on 'Dissecting the scholarly publishing process. A current overview on the steps to getting published'	Wiley	2022
70.	Ms. Salbia Abbas	Participant	5 days' Training workshop on strengthening teaching and research capacity building collaborative partnership in social sciences FJWU, UNESEF	GCWUS	2022
71.	Ms. Salbia Abbas	Participant	<ol style="list-style-type: none"> 1. Optimizing executive functions in Children with ADHD Strategies and techniques to enhance executive functions 2. Building expressive writing skills in children with special needs-basic level 3. Strategies and techniques to improve handwriting skills for children with academic challenges/Special needs 4. improving attention in children with ADHD 5. prerequisites to improve handwriting skills for children with 	<p>Certificate program/Development of a growing child and red flags in collaboration with special needs conditions and their challenges, design of an inclusive maintain school,academic challenges and identification sponsored by Ebility.com</p>	2022

			<p>special need</p> <p>6. Understanding ADHD in class rooms at home, and other social settings</p> <p>7. How to teach students with different challenges in class room settings</p> <p>8. Strategies and techniques to improve academic outcomes of children with ADHD</p> <p>9. Strategies and techniques to improve memory skills in children with special needs</p> <p>10. Setting up a student support services in an inclusive school</p> <p>11. Inclusive school introduction and its benefits</p> <p>12. Identification, assessment and interventions of special students in mainstreaming settings</p>		
72.	Dr. Muhammad Umair Ashraf	Quantitative Data Analysis Techniques	Three Day Training Workshop on Quantitative Data Analysis Techniques	Department of English, GCWUS	2022
73.	Dr. Muhammad Khuram Yasin Dr. Muhammad Nasrullah	Attended	Professional Development Training Workshop I	FJWU	2022
74.	Dr. Muhammad Khuram Yasin Dr. Muhammad Nasrullah	Attended	Professional Development Training Workshop II	FJWU	2022
75.	Dr. Noreen Khalid	Statistical Methods Series: Multi-Species (Species Interactions) Occupancy Modeling	Statistical Methods	Ecological Society of America	2022
76.	Dr. Robina Aziz	Different topics	“Promoting Research	GCWUS with	2022

			Excellence in Academics across Pakistan”	collaboration of HEC	
77.	Dr. Shazia Nouren	Attendee	Art of Scientific Writing & Data Analysis	Dept. of Chemistry, GCWU, Faisalabad	2022
78.	Ms. Ayesha Iftikhar	Combinatorial Image Analysis	International workshop on Combinatorial Image Analysis	Secretariat of IWCIA	2022
79.	Mr. Zaki Ahmad	Participant	11 th School of LHC Physics - 2022	NCP Islamabad, Pakistan	2022
80.	Dr. Asma Waheed Qureshi	Participant	Two day online workshop on “Promoting Research Excellence in Academics across Pakistan”	HEC	2022
81.	Dr. Asma Waheed Qureshi	Participant	International online workshop on “Integrity in Biomedical research”	Upper Egypt Assisted Reproductive summit	2022
82.	Ms. Hafiza Mufeeza	Participant	Introduction of scientific research writing, citation through end note	Multiomics	2022
83.	Dr. Asma Waheed Qureshi, Dr. Sajida Mushtaq	Attended	"Atomic Absorption Spectrometer (AAS)"	Central research lab, Government College Women University Sialkot	2022
84.	Dr. Asma Waheed Qureshi	Participant	Ecosystem Restoration for Sustainable Development: Agenda 2030 & COP27”	AARDO	Online 27 th February, 2023.
85.	Dr. Asma Waheed Qureshi	Participant	Review Methods: Guidelines for Editors and Authors Using Case Articles”,	University of Management and Technology Lahore.	10 th February, 2023.
86.	Dr. Moazama Batool	Participant	Training Workshop titled "Intellectual Property and Patent Filing"	Punjab Higher Education Commission	22, February 2023
87.	Dr Iram Saba	Participant Writing and Research Management	One day Workshop on “Technical Writing and Research Management Workshop”	University of Sargodha, Sargodha.	2022
88.	Dr Iram Saba	Participant “How to Write	One Day Workshop on "How	ORIC Riphah University	2023

		Patent" organized'' on Zoom Meeting link as https://us06web.zoom.us/j/5608689256	to Write Patent" organized		
89.	Dr. Yaar Muhammad	Using NVivo for Data Analysis and Writing Literature Review	Using NVivo for Data Analysis	University of Management and Technology, Lahore	2022
90.	Dr. Yaar Muhammad	Curriculum Design	Curriculum Design	University of Management Sciences (LUMS)	2022
91.	Dr. Yaar Muhammad	<p>9. <i>Qualitative Research Designs: An Overview</i></p> <p>10. <i>Qualitative Data Collection Methods: An Overview</i></p> <p>11. <i>Collecting Qualitative Data Using Interviews and Focus Groups</i></p> <p>12. <i>Collecting Qualitative Data Using Observation</i></p> <p>13. <i>Using Documents as Qualitative Data</i></p> <p>14. <i>Reflexive Thematic</i></p>	Qualitative Research Workshop series	GCWUS	2022

		<p><i>Data Analysis</i></p> <p>15. <i>Interpretative Phenomenological Analysis (IPA)</i></p> <p>16. <i>Qualitative Content Analysis</i></p> <p>17. <i>Comparative Thematic Analysis (Framework Analysis)</i></p> <p><i>Qualitative Data Analysis with Nvivo</i></p>			
92.	Dr. Fasiha Altaf	<ul style="list-style-type: none"> • Effective Teaching Techniques 	Professional Development Workshop of Faculty	GC Women University Sialkot	2022
93.	Dr. Fasiha Altaf	<p>Effective Teaching Methods and Techniques for 21st Century Teachers.</p> <ul style="list-style-type: none"> • 	Professional Development of Teachers	Department of Education at Sialkot Public School & College	2022
94.	Dr. Aysha Khalil	Development of Lesson Plans.	Professional Development of Teachers	Department of Education at Sialkot Public School & College	2022
95.	Dr. Aysha Khalil	Developing Course Outlines	Professional Development Workshop of Faculty	GC Women University Sialkot	2022
96.	Dr. Aysha Khalil	<p>1. Qualitative Data Analysis by using Software NVivo/Atlas.ti</p> <p>2. Digital Tools for Data</p>	Faculty development workshop on Research Methods for Social Sciences	GC Women University Sialkot	2022

		Collection (Quantitative & Qualitative)			
97.	Dr. Muhammad Latif	Classroom Management	Teachers Training	GC Women University Sialkot at Sialkot Public School & College	2022
98.	Dr. Muhammad Jamil	Bloom's Taxonomy and Educational Objectives	Professional Development Workshop of Faculty	GC Women University Sialkot	2022
99.	Dr. Muhammad Jamil	Setting Educational Objectives using Bloom's Taxonomy	Professional Development of Teachers	Department of Education at Sialkot Public School & College	2022
100.	Ms. Gulnaz Akbar	Guidelines for Test Development	Professional Development of Teachers	Department of Education at Sialkot Public School & College	2022
101.	Ms. Sobia Younas	Dealing with Behavioural Issues of Students in Classroom	Professional Development of Teachers	Department of Education at Sialkot Public School & College	2022
102.	Ms. Sobia Younas	Qualitative Data Analysis (Thematic, Discourse & Content Analysis).	Faculty development workshop on Research Methods for Social Sciences	GC Women University Sialkot	2022
103.	Dr Aisha Farid	CV Making	Two Days Training Program "Presentation Skills, Job Hunting, CV Making & Interview Skills	WDC, GCWUS	21 September 2023
104.	Dr Aisha Farid	Interview Skills	Two Days Training Program "Presentation Skills, Job Hunting, CV Making & Interview Skills	WDC, GCWUS	22 September 2023
105.	Dr Iram Rubab	Unlocking the Future of Education:Creating Engaging Classroom Resources with AI	Unlocking the Future of Education:Creating Engaging Classroom Resources with AI	Organized by Evolution	1 st September 2023.
106.	Munazzah Bukhari	Faculty Development	Faculty Development Program	HEC, GCWUS	19-06-2023 TO 23-06-

					2023
107.	Dr.Muhammad Mobeen Shafqat	Research Ethics and Quality Assurance: Challenges and Solutions	Research Ethics and Quality Assurance: Challenges and Solutions	Alhamd Islamic University	2023
108.	Dr. Sajjad Hyder	Attended	National hands-on training workshop on National hands-on training workshop on Advance Bioinformatics & Recombinant Biotechnology	Department of Biotechnology, Faculty of Science and Technology, University of Central Punjab, Lahore Pakistan	30 and 31 st August 2023
109.	Dr. Sajjad Hyder	Attended	Two days workshop on Spaying Bioactive Molecules	Department of Plant Pathology, University of the Punjab, Pakistan	11-12 July 2023
110.	Dr. Sajjad Hyder	Attended	One day training on “Developing Entrepreneurs for the Future”.	Punjab Higher Education Commission	December 08, 2022
111.	Dr. Sajjad Hyder	Attended	Two days training workshop on Atomic Absorption Spectrophotometer – AAS.	Central Research Laboratory, G.C. Women University Sialkot.	22-23 November 2022

2.4 Research Journals

SN	Department Name	Journal Name	ISSN #	HEC Category
1.	Botany	Plant and Environment	2710-1665	Y
2.	IAIS	AL-ILM	2618-1142	Y
3.	Political Science	Oriental Research Journal of Social Sciences	2616-7093	Y
4.	Urdu	Tehqeeqi Jareeda	2521-8204	Y
5.	Zoology	Pakistan Research Journal of Biological Sciences		

2.5 Research Collaboration

SN	Department	Institute	Type
1	Zoology	Center of Excellence in Microbiology (CEMB), Punjab University Lahore	Academic
2	Zoology	Sundas Foundation, Lahore	Academic

2.6 Funding Grants for R&D

SN	Funding Organization	Type	Amount	Total
1	HEC, Islamabad	SRGP, NRPU and COVID19 Research	27.16 Million	32

2.7 Operations of ORIC

During the current year, ORIC focused on policy-making and drafted Policies for Applied Science and Intellectual Property, Research Ethics Policy, MOU-signing Policy (through External Linkages Committee) and University Branding Strategy for right positioning locally and globally. ORIC also got its customized database management web-linked software with the assistance of the IT Support Center. The surgical industry has been explored, bringing forth a research collaboration of 10 Million PKR.

2.8 Editorial Work during the year

SN	Name	Name of Journal with ISSN number	National / International (Category)	Role (editor/ editorial board member)
1.	Prof. Dr. Zarrin Fatima Rizvi	Journal of Plant and Environment ISSN: 2710-1665 (Online), 2710-1657 (Print)	National (Y)	Editorin-Chief
2.	Prof. Dr. Rukhsana Kausar	Journal of Social and Clinical Psychology	National	Member
3.	Prof. Dr. Rukhsana Kausar	Pakistan Journal of Professional Psychology	National	Member
4.	Prof. Dr. Rukhsana Kausar	Science Journal of Business Management	National	Consulting Editor
5.	Prof. Dr. Rukhsana Kausar	Pakistan Journal of Psychological Research	National	Consulting Editor
6.	Prof. Dr. Rukhsana Kausar	Indian Journal of Psychology and Mental Health	International	Consulting Editor
7.	Prof. Dr. Rukhsana Kausar	Journal of Gender and Social Issues	National	Consulting Editor
8.	Prof. Dr. Rukhsana Kausar	Journal of Social Sciences	National	Consulting Editor
9.	Prof. Dr. Rukhsana Kausar	Journal of Professional Psychology	National	Consulting Editor

10.	Prof. Dr. Rukhsana Kausar	Journal of Indian Academy of Applied Psychology	International	Consulting Editor
11.	Prof. Dr. Rukhsana Kausar	Bulletin of Educational Research, International Islamic University, Islamabad	National	Consulting Editor
12.	Prof. Dr. Rukhsana Kausar	Bulletin of Educational Research, Institute of Education and Research University of Punjab, Lahore	National	Consulting Editor
13.	Prof. Dr. Rukhsana Kausar	European Review of Applied Psychology	International	Reviewer
14.	Dr. Adeel Mahmood	Journal of Plant Biochemistry & Physiology	International	Editor
15.	Dr. Adeel Mahmood	SM Journal of Environmental Toxicology	International	Editor
16.	Dr. Adeel Mahmood	Journal of Environmental Exposure Assessment	International	Editor
17.	Dr. Adeel Mahmood	Journal of Plant and Environment	National	Editor
18.	Dr. Noreen Khalid	Journal of Plant and Environment ISSN: 2710-1665 (Online), 2710-1657 (Print)	National (Y)	Editorial Board Member
19.	Dr. Noreen Khalid	Frontiers in Environmental Science 2296-665X	International (W)	Editorial Board Member
20.	Dr. Sajjad Hyder	Journal of Plant and Environment ISSN: 2710-1665 (Online), 2710-1657 (Print)	National (Y)	Managing Editor
21.	Dr. Sajjad Hyder	Plant Disease	International (W)	Review Board Member
22.	Dr. Sajjad Hyder	Brazilian Journal of Biology	International (X)	Review Board Member
23.	Dr. Sajjad Hyder	International Journal of Phytopathology ISSN: 2312-9344 (Online), 2313-1241 (Print)	National and Scopus Indexed (Y)	Editorial Board Member
24.	Dr. Syeda Sadia	Bi _ Annual Research Journal Al- ILM, Multilingual	National (Y)	Editor
25.	Dr. Umara Rauf	Clinical and Counseling Psychology Review ISSN (E): 2706-8676 ISSN (P): 2412-5253	National (Y)	Member
26.	Ms. Salbia Abbas	SyncSci Publishing	International Agency	Member

27.	Ms. Salbia Abbas	Journal of School Psychology ISSN: 0022-4405	International Elsevier	Editorial manager
28.	Ms. Salbia Abbas	Global Scientific Review (UK)	International Research agency	Editorial board Member
29.	Dr. Muhammad Afzal Butt	Journal of Research Urdu BZU Multan	National	Member
30.	Dr. Muhammad Afzal Butt	Tahqeeqi Jreeda	National	Editor
31.	Dr. Sabina Awais	Tahqeeqi Jareeda	National	Sub Editor
32.	Dr. Musavarah Sarwar	Mathematical Problems in Engineering ISSN: 1563-5147	International (X)	Member
33.	Dr. Musavarah Sarwar	Journal of Mathematics ISSN: 2314-4785	International (X)	Editor
34.	Dr. Musavarah Sarwar	Advances in Fuzzy Systems ISSN: 1687-7101	International (X)	Academic Editor
35.	Dr. Musavarah Sarwar	Applied Computational Intelligence and Soft Computing ISSN: 1687-9724	International (X)	Academic Editor
36.	Dr. Musavarah Sarwar	Mathematical Problems in Engineering ISSN: 1024-123X	International (X)	Special Issue Guest Editor
37.	Dr. Asma Waheed Qureshi	Pakistan Research Journal of Biological Sciences	National	Chief Editor
38.	Dr. Asma Waheed Qureshi	Current Trends in OMICS ISSN (E): 2790-8291 ISSN (P): 2790-8283	National (Y)	Editorial Board Member
39.	Dr. Asma Waheed Qureshi	International Journal of Zoology and Animal Biology ISSN: 2639-216X	International	Associate Editor
40.	Dr. Moazama Batool Dr. Sadia Maalik Dr. Sajida	Pakistan Research Journal of Biological Sciences (PRJBS)	National	Associate Editor
41.	Dr. Muzaffar	Orient Research Journal of Social Sciences ISSN: 2616-7085	National (Y)	Member
42.	Dr. Zahid Yasin	Orient Research Journal of Social Sciences ISSN: 2616-7085	National (Y)	Editor
43.	Dr. Muhammad Rashid Hafeez	Orient Research Journal of Social Sciences ISSN: 2616-7085	National (Y)	Reviewer

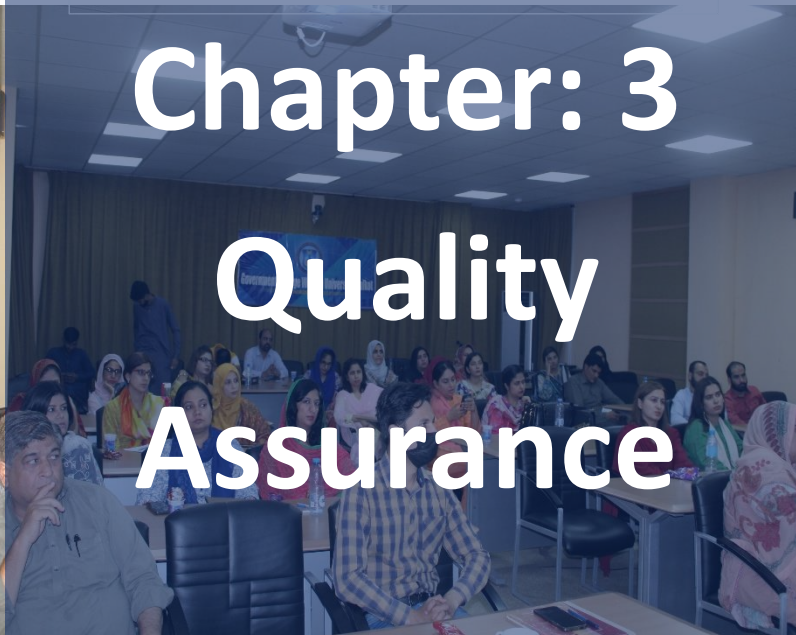
44.	Dr. Muhammad Rashid Hafeez	Pakistan Languages and Humanities Review	National (Y)	Reviewer
45.	Dr. Muhammad Rashid Hafeez	Hayatian Journal of Linguistics and Literature	National (Y)	Reviewer
46.	Dr. Muhammad Rashid Hafeez	Journal of Development and Social Sciences	National (Y)	Reviewer
47.	Dr. Muhammad Rashid Hafeez	New Media and Society	International (W)	Reviewer
48.	Dr. Muhammad Shahbaz	Pakistan Languages and Humanities Review	National (Y)	Reviewer
49.	Dr. Muhammad Shahbaz	Hayatian Journal of Linguistics and Literature	National (Y)	Reviewer
50.	Dr. Muhammad Shahbaz	Journal of Development and Social Sciences	National (Y)	Reviewer
51.	Dr. Muhammad Umair Ashraf	South Asian Journal of Social Sciences and Humanities		Editor
52.	Dr. Sumera Rabia	Bi _ Annual Research Journal Al- ILM, Multilingual	National (Y)	Sub-editor
53.	Dr. Amir Hayat	Bi _ Annual Research Journal Al- ILM, Multilingual	National (Y)	Sub-editor
54.	Dr. Iram Rubab	International Journal of Linguistics and Culture 2707-6873	National (Y)	Editorial Board Member
55.	Dr. Fasiha Altaf	Global Education Studies Review (ISSN:2520-0348) Online (ISSN: 2616-793X)	National (Y)	Managing Editor
56.	Dr. Aysha Khalil	International Journal of Social and Educational Sciences (ISSN: 2687-3080)	International	Editorial board member
57.	Dr. Muhammad Jamil	Human Nature Journal of Social Sciences ISSN: 2788-5240	National (Y)	Editorial board member
58.	Dr. Muhammad Umer Farrukh	Frontiers in Sustainable Food Systems" (SCI, IF= 5.005, JCR Q2) and the journal "Frontiers in Nutrition" (SCI, IF=6.590, JCR Q1)	International (W)	Guest Editor
59.	Dr. Saima Sajid	ASCARYA: Journal of Islamic Science, Culture and Social Studies 2775-4243	International	Associate Editor
60.	Dr. Robina Ashraf	International Journal of Energy Research	International (W)	Reviewer
61.	Dr. Tariq Mahmood	Materials Chemistry and Physics	International (W)	Reviewer
62.	Dr. Tariq Mahmood	Materials Science in Semiconductor Processing	International (W)	Reviewer

63.	Dr. Tariq Mahmood	Materials Letter	International (W)	Reviewer
64.	Dr. Tariq Mahmood	Materials Research Bulletin	International (W)	Reviewer
65.	Dr. Tariq Mahmood	Materials Today Communications	International (W)	Reviewer
66.	Dr. Tariq Mahmood	Physica B: Condensed Matter	International (W)	Reviewer



Chapter: 3

Quality Assurance



Chapter- 3 Quality Assurance

3.13.1 Impact of Quality Assurance in the University

Quality Enhancement Cells have been established in the universities across Pakistan to have a focused attention on quality assurance aspect of higher education and to monitor the ongoing quality move in the University. The impact of quality assurance and the changes which it has brought in the Universities are outlined below:

- Increased awareness about self-assessment, its procedures and implementation at the departmental level.
- Streamlined curriculum development for different programs.
- Timely distribution of lesson plans and course material to the students.
- Proper record keeping of the program and course files for undergraduate and graduate degree programs.
- Streamlining of operations like admission, registration and guidance to the students.
- Readiness of the departments in obtaining accreditation by the respective councils and other such bodies.
- Visible improvement in maintaining the highest academic standards.

QEC has helped GCWUS to improve the students' overall learning experience by setting up mechanism for effective students' feedback; creating graduate, alumni and employer surveys; and in facilitating the departments in revising curricula to achieve academic excellence.

3.1.1 Achievements during 2022-23

- Standardized the preparation and review of program and course files.
- Upgraded the online mechanism of teacher and course evaluation for all the degree programs.
- Facilitated the HEC in conducting Postgraduate Program Review of GCWUS.
- Submitted HES Statistics 2021-22 to HEDR, HEC.
- Completed the 3rd cycle SAR audit of GCWUS.
- Submitted yearly progress report of QEC to the QAD, HEC.
- Conducted faculty development training programs.
- Acquired NOC for the two (02) new MS programs.

3.2 Membership of Associations/Networks

3.2.1 Acquired

- Asia Pacific Quality Network (APQN)
- Pakistan Chapter for Talloires Network
- Pakistan Network of Quality Assurance in Higher Education (PNQAHE)
- QEC Network (Yahoo group)

3.2.2 Applied

- Association of Quality Assurance Agencies of the Islamic World (AQAAIW)
- Talloires Network (Tufts University)

3.3 Accreditation of programs from relevant councils

A total of six (06) programs offered at the University fall under the purview of accreditation councils; two (02) of these programs under NCEAC, two (02) under NBEAC and two (02) under NACTE. NCEAC has granted accreditation to the BS-CS and BS-IT programs while applications have been submitted to acquire accreditation from NBEAC and NACTE.

3.4 University Ranking

Quality Enhancement Cell is participating in the international rankings consistently. The University is currently ranked in QS Ranking, Times Higher Education (THE) World University Ranking and UI GreenMetric World University Ranking. The detail of these rankings is as under:

- Ranked between 501-550 in QS Asian University Rankings 2023
- Ranked between 601-800 Universities of the world in Impact Ranking of THE World University Rankings 2023
- Ranked at 746 in UI GreenMetric World University Rankings 2022



WORLD UNIVERSITY RANKINGS

GCWUS IN QS ASIAN UNIVERSITY RANKINGS 2023



- 2nd Position among women Universities in South Asia
- 5th Position among women Universities in Asia
- 30th Position among all Universities in Pakistan
- 131st Position among all Universities in South Asia
- 51st Position in research among all Universities in Asia
- 501-550 Position among all Universities in Asia

Congratulations!



CONGRATULATIONS

Government College Women University Sialkot

Times Higher Education Impact Rankings 2023

SDG 4: QUALITY EDUCATION

RANKED

1ST IN PAKISTAN
18TH WORLDWIDE

SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

RANKED

1ST IN PAKISTAN
3RD WORLDWIDE

SDG 17: PARTNERSHIPS FOR THE GOALS

RANKED

2ND IN PAKISTAN
8TH WORLDWIDE

SDG 5: GENDER EQUALITY

RANKED

4TH IN PAKISTAN
6TH WORLDWIDE

OVERALL

RANKED

2ND IN PAKISTAN
9TH WORLDWIDE





Congratulations

Government College Women University, Sialkot

<https://www.gcwus.edu.pk/>




746th

In World

33rd

In Pakistan

5th

Among Women Universities of World

3rd

Among Women Universities of Pakistan



Certificate

This certificate is awarded to

Government College Women University Sialkot

as The 746th World's Most Sustainable University in 2022 UI GreenMetric World University Rankings

Jakarta, 12 December 2022





Prof. Ari Kuncoro, S.E., M.A., Ph.D
Rector of Universitas Indonesia



Prof. Dr. Ir. Riri Fitri Sari, M.M., M.Sc
Chairperson of UI GreenMetric World University Rankings



QS Asia University Rankings | 2023

qs.com

Government College Women University, Sialkot

#501-550

in QS Asia University Rankings 2023

November 2022

Ben Sowter, Senior Vice-President,
QS Quacquarelli Symonds





Times Higher Education Impact Rankings | 2023

[timeshighereducation.com](https://www.timeshighereducation.com)



Government College Women University, Sialkot

601-800

In Times Higher Education Impact Rankings 2023



Chapter: 4



Faculty Development



Chapter- 4 Faculty Development

4.1 Returned Scholars

Faculty members who have completed their degrees during service.

Sr #	Name	Academic Degree	Year	Department/Subject	Degree Awarding Institution (s)
1.	Dr Sobia Ikram	PhD	22.10.2022	Botany	School of Medical and Applied Sciences, Australia
2.	Dr Gulnaz Akbar	PhD	10.01.2023	Education	University of The Punjab, Lahore
3.	Dr Ammara Tariq Cheema	PhD	11.11.2022	Pol Science	University of The Punjab, Lahore
4.	Dr Aafia Sheikh	PhD	04.09.2023	Chemistry	Former Christian College (A Chartered University), Lahore
5.	Dr Samia Naeem	PhD	14.12.2022	Physics	University Of The Punjab, Lahore

4.2 Present Scholars

Faculty members who are currently enrolled in degree programs in different universities.

Sr #	Name	Program	Department	University with City and Country Name
1	Ms Ayesha Naseer	PhD Scholar	Botany	University of the Punjab, Lahore
2	Ms Sana Azeem	PhD Scholar	Business Administration	Superior University, Lahore Pakistan
3	Mr Muhammad Sarwar	PhD Scholar	Business Administration	University of Wollongong, Australia
4	Ms Tajali Fatima	PhD Scholar	Business Administration	University of Karachi, Karachi
5	Ms Hifzah Jabeen	PhD Scholar	Chemistry	Govt. College Women University, Sialkot
6	Ms Anam Noor Hussain	PhD Scholar	Chemistry	Govt. College Women University, Sialkot
7	Ms Rabia Mehmood	PhD Scholar	Chemistry	Govt. College Women University, Sialkot
8	Ms Ayesha Raana	PhD Scholar	Computer Science	
9	Ms Samia Rafique	PhD Scholar	Computer Science	
10	Ms Qurat ul	PhD Scholar	Computer Science	

	Ain			
11	Ms Javeria Khalid	PhD Scholar	Computer Science	
12	Ms Faiza Nazeer	PhD Scholar	Computer Science	
13	Ms Sana Butt	PhD Scholar	Economics	Govt. College Women University, Sialkot
14	Ms Munazza Akhtar	PhD Scholar	Economics	Govt. College Women University, Sialkot
15	Ms Sobia Younas	PhD Scholar	Education	LCWU, Lahore
16	Ms Shahida Parveen	PhD Scholar	English	GC Women University Sialkot
17	Mr Ahmad Mujtaba Ali	PhD Scholar	English	Gift University Gujranwala
18	Ms Mahaam Khan	PhD Scholar	English	University of Lahore, Lahore
19	Ms Amna Anwar	PhD Scholar	English	NUML, Islamabad
20	Ms Um ul Huda	PhD Scholar	English	UMT Lahore
21	Ms Anum Bajwa	PhD Scholar	Environmental Science	University of the Punjab, Lahore
22	Ms Taiba Tariq	PhD Scholar	Environmental Science	University of the Punjab, Lahore
23	Ms Asna Habib	MPhil Scholar	Fine Arts	Beacon house National University, Lahore
24	Ms Nayab Ruby	PhD Scholar	Institute of Arabic and Islamic Studies	GCU, Lahore
25	Ms Bakhtawar Siddique	PhD Scholar	Institute of Arabic and Islamic Studies	GC Women University Sialkot
26	Ms Atia Altaf	MPhil Scholar	Health and Physical Education	MY University, Islamabad
27	Mr Zaki Ahmad	PhD Scholar	Physics	University of the Punjab, Lahore
28	Ms Noor-Ul-Ain	PhD Scholar	Physics	Cambridge University, UK
29	Ms Mahshameen Munawar	PhD Scholar	Psychology	NUST, Islamabad
30	Ms Salbia Abbas	PhD Scholar	Psychology	UOG, Gujrat
31	Ms Saba Javed	PhD Scholar	Sociology	University of the Punjab, Lahore
32	Ms Wajiha Nasir	PhD Scholar	Statistics	UMT, Lahore

33	Ms Humma Nawaz	PhD Scholar	Statistics	Quaid-e-Azam University, Islamabad
34	Ms Mahwish Rabia	PhD Scholar	Statistics	Quaid-e-Azam University, Islamabad
35	Ms Uzma Noreen	PhD Scholar	Urdu	Govt. College Women University, Sialkot
36	Ms Saher Mobeen	PhD Scholar	Urdu	Govt. College Women University, Sialkot
37	Ms Kiran Riaz	PhD Scholar	Urdu	BZU, Multan
38	Ms Shafaq Nawaz	PhD Scholar	Bio Chemistry	University of Veterinary & Animal Sciences
39	Ms Zaib-un-Nisa	PhD Scholar	Bio Chemistry	University of Okara, Okara

4.2 Trainings Attended by Faculty Members

S.No	Name	Topic of Training	Organized by	National / International (City / Country)	Date
1.	Dr. Moazama Batool	ICESCO's 1st International next generation sequencing data analysis workshop	ICESCO-Turkiye-Pakistan	International	28 th September 2023
2.	Dr. Moazama Batool	Training on Endnote Software	Zoology, GCWUS	National (Sialkot/Pakistan)	6 th , April 2023
3.	Dr. Asma Waheed Qureshi	Training on "Wolters Kluwer OVID Database"	Online	International	17 th Nov, 2022
4.	Dr Iram Saba	Developing a Good Research Question	BMJ and UCSF (Research to Publication)	International	10 th May 2023
5.	Dr Iram Saba	Reporting the Research Question in your Paper	BMJ and UCSF (Research to Publication)	International	11 th May 2023
6.	Dr Iram Saba	How to write and Publish a Research Protocol: An overview	BMJ and UCSF (Research to Publication)	International	11 th May 2023
7.	Dr Iram Saba	How to write and Publish a Research Protocol for a Grant Application	BMJ and UCSF (Research to Publication)	International	11 th May 2023
8.	Dr Iram Saba	Clinical Trial Protocols: how to write and publish them	BMJ and UCSF (Research to Publication)	International	11 th May 2023
9.	Dr Iram	Choosing and Citing	BMJ and	International	11 th May 2023

	Saba	references	UCSF(Research to Publication)		
10.	Dr Iram Saba	Enhancing Casual Inference	BMJ and UCSF(Research to Publication)	International	11 th May 2023
11.	Dr Iram Saba	How to Develop and Report Good Research Question	BMJ and UCSF(Research to Publication)	International	11 th May 2023
12.	Dr Iram Saba	Developing and Writing Protocols	BMJ and UCSF(Research to Publication)	International	12 th May 2023
13.	Dr Iram Saba	Study Designs	BMJ and UCSF(Research to Publication)	International	12 th May 2023
14.	Dr Iram Saba	The methods: matching study designs to research questions	BMJ and UCSF(Research to Publication)	International	13 th May 2023
15.	Dr Iram Saba	Subjects and variables	BMJ and UCSF(Research to Publication)	International	13 th May 2023
16.	Dr Iram Saba	Sample size and power	BMJ and UCSF(Research to Publication)	International	13 th May 2023
17.	Dr Iram Saba	Statisticas	BMJ and UCSF(Research to Publication)	International	13 th May 2023
18.	Dr Iram Saba	Questionnaires and Qualitative Research	BMJ and UCSF(Research to Publication)	International	13 th May 2023
19.	Dr Iram Saba	Choosing the best study designs	BMJ and UCSF(Research to Publication)	International	13 th May 2023
20.	Dr Iram Saba	Ethical Considerations in Research	BMJ and UCSF(Research to Publication)	International	13 th May 2023
21.	Dr Iram Saba	History of Research Ethics	BMJ and UCSF(Research to Publication)	International	13 th May 2023
22.	Dr Iram Saba	Institutional review board (IRB) and Informed Consent	BMJ and UCSF(Research to Publication)	International	13 th May 2023
23.	Dr Iram Saba	Ethics aspects of study methods	BMJ and UCSF(Research to Publication)	International	13 th May 2023
24.	Dr Iram Saba	Data and Safety Monitoring	BMJ and UCSF(Research to Publication)	International	13 th May 2023
25.	Dr Iram Saba	Principles of research ethics	BMJ and UCSF(Research to Publication)	International	13 th May 2023

26.	Dr Iram Saba	Ethics in big data research	BMJ and UCSF(Research to Publication)	International	14 th May 2023
27.	Dr Iram Saba	Research in resource-poor environments	BMJ and UCSF(Research to Publication)	International	14 th May 2023
28.	Dr Iram Saba	How to do Ethical Research	BMJ and UCSF(Research to Publication)	International	14 th May 2023
29.	Dr Iram Saba	Reporting statistical methods and analyses	BMJ and UCSF(Research to Publication)	International	14 th May 2023
30.	Dr Iram Saba	The results: reporting all findings succinctly	BMJ and UCSF(Research to Publication)	International	14 th May 2023
31.	Dr Iram Saba	Scientific transparency: the pitfalls of selective reporting	BMJ and UCSF(Research to Publication)	International	14 th May 2023
32.	Dr Iram Saba	The discussion: using structure and balance	BMJ and UCSF(Research to Publication)	International	14 th May 2023
33.	Dr Iram Saba	Optimising the abstract and title	BMJ and UCSF(Research to Publication)	International	14 th May 2023
34.	Dr Iram Saba	How to write a research paper	BMJ and UCSF(Research to Publication)	International	14 th May 2023
35.	Dr Iram Saba	Course overview and trial design	BMJ and UCSF(Research to Publication)	International	14 th May 2023
36.	Dr Iram Saba	Selection of participants	BMJ and UCSF(Research to Publication)	International	14 th May 2023
37.	Dr Iram Saba	Recruitment	BMJ and UCSF(Research to Publication)	International	14 th May 2023
38.	Dr Iram Saba	Choosing the intervention and controls	BMJ and UCSF(Research to Publication)	International	14 th May 2023
39.	Dr Iram Saba	Randomization	BMJ and UCSF(Research to Publication)	International	14 th May 2023
40.	Dr Iram Saba	Blinding	BMJ and UCSF(Research to Publication)	International	14 th May 2023
41.	Dr Iram Saba	Ethics in big data research	BMJ and UCSF(Research to Publication)	International	14 th May 2023
42.	Dr Iram Saba	Principles of research ethics	BMJ and UCSF(Research to	International	14 th May 2023

			Publication)		
43.	Dr Iram Saba	What to do with Rejections and Appeals	BMJ and UCSF(Research to Publication)	International	14 th May 2023
44.	Dr Iram Saba	Outcome measures	BMJ and UCSF(Research to Publication)	International	14 th May 2023
45.	Dr Iram Saba	Assessing safety	BMJ and UCSF(Research to Publication)	International	14 th May 2023
46.	Dr Iram Saba	Adherence and complete follow up	BMJ and UCSF(Research to Publication)	International	14 th May 2023
47.	Dr Iram Saba	How to write up industry-sponsored trials	BMJ and UCSF(Research to Publication)	International	14 th May 2023
48.	Dr Iram Saba	Navigating journal and peer review processes	BMJ and UCSF(Research to Publication)	International	14 th May 2023
49.	Dr Iram Saba	Compliance with journal and ICMJE requirements	BMJ and UCSF(Research to Publication)	International	14 th May 2023
50.	Dr Iram Saba	Patients consent for publication	BMJ and UCSF(Research to Publication)	International	14 th May 2023
51.	Dr Iram Saba	Surviving peer review	BMJ and UCSF(Research to Publication)	International	14 th May 2023
52.	Dr Iram Saba	Presubmission inquiries and cover letters	BMJ and UCSF(Research to Publication)	International	14 th May 2023
53.	Dr Iram Saba	Picking the right journal and getting published	BMJ and UCSF(Research to Publication)	International	14 th May 2023
54.	Dr Iram Saba	Scientific misconduct, authorship, and conflict of interest	BMJ and UCSF(Research to Publication)	International	14 th May 2023
55.	Dr Iram Saba	Reporting conflicts of interest	BMJ and UCSF(Research to Publication)	International	14 th May 2023
56.	Dr Iram Saba	Journal rules on authorship	BMJ and UCSF(Research to Publication)	International	14 th May 2023
57.	Dr Iram Saba	How and why to avoid plagiarism	BMJ and UCSF(Research to Publication)	International	14 th May 2023
58.	Dr Iram Saba	How journals uncover scientific fraud	BMJ and UCSF(Research to Publication)	International	14 th May 2023

59.	Dr Iram Saba	How journals act on scientific misconduct	BMJ and UCSF(Research to Publication)	International	14 th May 2023
60.	Dr Iram Saba	Avoiding scientific misconduct	BMJ and UCSF(Research to Publication)	International	14 th May 2023
61.	Dr Iram Saba	Research to Publication	BMJ and UCSF(Research to Publication)	International	19 th May 2023
62.	Dr Iram Saba	Sustainable Development- Interdisciplinary Approaches	Agha Khan University Karachi	International	2nd June 2023.
63.	Dr Iram Saba	Global Child Health	University of Toronto	International	19th June 2023.
64.	Dr Iram Saba	Introduction to Systematic Review and Meta-Analysis	Johns Hopkins University	International	14th July 2023
65.	Dr Iram Saba	Environmental Hazards and Global Public Health on Coursera	University of Michigan	International	27th July 2023.
66.	Dr Iram Saba	Bioinformatic Methods-I, on Coursera	University of Toronto	International	26 th August 2023.
67.	Dr Tayyaba Shahzadi	two days training of Atomic Absorption Spectrophotometer	GCWUS Central Research Laboratory	National	22-23 November 2022
68.	Muhammad Hamid	Hands on Training under Smart Classroom Project	University of Education, Lahore.	National (Lahore, Pakistan)	05-06-2023 to 09-06-2023
69.	Muhammad Hamid	Skills Gala x, Talent Hunt 2023	Punjab Information Technology Board (Expo Centre Hall 02, Gate 01, Johar Town, Lahore)	National (Lahore, Pakistan)	27th May 2023
70.	Muhammad Hamid	Knowledge Streams	Knowledge Streams Open House (157-M,	National (Lahore, Pakistan)	27th May 2023

		Open House	Madar-e-Millat Road, Quaid e Azam Industrial Estate, Lahore)		
71.	Muhammad Hamid	Training of Trainers (e-Rozgar Training Program)	Arfa Software and Technology Park, Lahore.	National (Lahore, Pakistan)	24-08-2023 to 26-08-2023
72.	Javaria Khalid	Hands on Training under Smart Classroom Project	University of Education, Lahore.	National (Lahore, Pakistan)	05-06-2023 to 09-06-2023
73.	Amna Zahid	New Journey for English Language Teachers' under the TEA Alumni Small Grant Program	funded by RELO, US Embassy Pakistan, and administered by Vision-Building Future.	National	20 th March,2023
74.	Amna Zahid	Professional Development for Novice English Teachers Program	administrated by Vision Building Future, and funded by RELO, US Embassy Pakistan	National	21 October,2022
75.	Amna Zahid	Integrating Critical Thinking Skills into the Exploration of Culture in an EFL Setting (self-paced MOOC)	Online Professional English Network	International	26 February,2023
76.	Amna Zahid	American English Live 16.6 – Drama-Based Activities to Improve Student Confidence and Motivation	Online Professional English Network	International	3 rd April,2023
77.	Amna Zahid	American English Live 16.5 – Target Language Use in the Classroom: Teaching Speaking Differently	Online Professional English Network	International	20 th March,2023
78.	Amna Zahid	American English Live 16.4 – The Line	Online Professional English Network	International	6 th March,2023

		Between: Questions, Responses, and Critical Reading			
79.	Amna Zahid	American English Live 16.3 – Promoting Authentic Language Use with Task	Online Professional English Network	International	20 th February,2023
80.	Amna Zahid	American English Live 16.2 – Save the Planet and Cultural Traditions While Teaching English	Online Professional English Network	International	6 th February,2023
81.	Amna Zahid	American English Live 16.1 – Climate Change Communication & English Language Teaching	Online Professional English Network	International	23 rd January2023
82.	Amna Zahid	English for Career Development Self-Paced MOOC 2023	Online Professional English Network	International	20 th June,2023
83.	Dr. Arfa Waseem	Faculty Development Program	QEC	National (Sialkot)	June 19-23, 2023
84.	Saddia Irshad	Faculty Development Program	QEC	National (Sialkot)	June 19-23, 2023
85.	Dr. Yasin Munir and faculty	Percepts standards and Guidelines (PSG 2023)	GCWUS WITH Grand Asian University Sialkot	National	2023
86.	Dr. Robina Ashraf	Information Literacy sessions	Govt. College Women University Sialkot.	National (Sialkot/Pakistan)	24th November 2022
87.	Dr. Robina Ashraf	Training on Atomic Absorption Spectroscopy (AAS)	GCWUS held at Central Research Lab, GCWUS	National (Sialkot/Pakistan)	23th November 2022.
88.	Mr. Zaki Ahmad	Faculty Development Program	QEC in collaboration with ORIC GCWUS	National Sialkot	June 19-23, 2023
89.	Saba Munir	Attended	Advanced Search (HEC):Wiley Online Library”	HEC	2022
90.	Saba Munir	Attended	Assessing Wiley journals and Publications Tips for Authors and	HEC	2022

			Researchers (HEC):Wiley Online Library”		
91.	Saba Munir	Attended	Attended a workshop on “How to Publish in Wiley Open 6Access Journals (HEC)”	HEC	2022
92.	Saba Munir	Attended	Attended a Training Session on “Turnitin Pakistan by HEC”	HEC	2022
93.	Dr. Mehmooda Munazir	Attended the training course	Three-days training on Application of Plant Data in R language	Department of Botany in collaboration with Statistics Department of GCWUS	11-13 th October, 2022
94.	Dr. Mehmooda Munazir	Attended the training course	Two-days training on Atomic Absorption Spectrophotometer (AAS)	CRL, GCWUS	22-23 rd November, 2022.
95.	Dr. Noreen Khalid	Attended the training course	Three-days training on Application of Plant Data in R language	Department of Botany in collaboration with Statistics Department of GCWUS	11-13 th October, 2022
96.	Dr. Noreen Khalid	Attended the training course	Two-days training on Atomic Absorption Spectrophotometer (AAS)	CRL, GCWUS	22-23 rd November, 2022.
97.	Dr. Amina Kanwal	Application of Plant Data in R Languages	Chairperson, Department of botany, GCWUS	National	October 11-13, 2022
98.	Dr. Amina Kanwal	Atomic Absorption Spectrophotometer (AAS)	Central Research Laboratory GCWUS	National	November 22-23, 2022
99.	Dr. Amina Kanwal	Augmenting Nationally Determined Contributions (NDCS) Targets and Job Creation through Technology Solutions	AARDO (African-Asian Rural Development Organization)	International	September 12-15, 2023
100.	Dr. Sajjad	Attended Two days	Department of Plant	National	June 12-13,

	Hyder	hands-on Training on “Mushroom Cultivation and Spawn Production”	Pathology, University of Poonch Rawlakot, AJK, Pakistan		2023
101.	Dr. Sajjad Hyder	Attended One day training on Intellectual Property and Patent Filling.	Punjab Higher Education Commission – PHEC, Lahore Pakistan.	National	February 22, 2023
102.	Dr. Maimona Saeed	Three days Hands on Training on “ Application of Plant Data in R Language”	GCWUS	Sialkot , Pakistan	11-13 Oct, 2022
103.	Dr. Maimona Saeed	“ Atomic Absorption Spectrophotometer (AAS)”	Central Research Laboratory at GCWUS	Sialkot , Pakistan	22-23 November, 2022
104.	Dr. Maimona Saeed	Wolters Kluwer- OVID Training Webinar			17 th Nov 2022



Chapter: 5

Access



Chapter- 5 Access

5.1 Basic Enrolment

In 2022-23, **7,755** students were enrolled with the University in total. Out of these, **6632** students were enrolled in BS, **807** in MS, **112** in PhD, **164** in lateral entry (5th semester) post ADP, **40** in B.Ed.

5.2 Gender Wise Details

GCWUS is a women university. Therefore, all the students are women. Department wise detail of the students is tabulated below.

5.3 Employability

GCWUS is a newly established University. Recently, a Placement Office has been instituted. Some students are pursuing their higher studies while others are doing jobs in different organizations like schools, colleges, universities, banks, etc. However, their complete record is currently not available. University is working to collect data regarding the employability of its graduates.

5.4 Faculty Student Ratio

Faculty-Student Ratio for the reported period (October 2022 to September 2023) is appended below.

Department	Students	Faculty	Student-Faculty Ratio
Botany	632	14	45:1
Business Administration	392	09	44:1
Chemistry	716	15	48:1
Commerce	55	02	27:1
Computer Science & Information Technology	481	10	48:1
Economics	284	09	32:1
Education	60	07	8:1
English	501	19	26:1
Environmental Science	224	10	22:1
Fine Arts	102	09	11:1
Islamic Studies	292	10	29:1

Mathematics	619	15	41:1
Physics	718	10	72:1
Political Science	302	09	33:1
Psychology	367	09	41:1
Sociology	223	05	45:1
Statistics	199	09	22:1
Urdu	363	11	33:1
Zoology	660	12	55:1



Chapter: 6 University



Building Economics




National Business Development Program for SMEs

NBDP - SMEDA Seminar on

ENTREPRENEURSHIP AS VIABLE CAREER OPTION

at
Govt. College Women University, Sialkot

27th September 2022
10.00 a.m TO 02.00 p.m

Learning Agenda:

- Understand the importance and concept of entrepreneurship.
- Learn the real time steps involved in starting small business.
- Enable to apply the frameworks and tools for successfully managing small business.

Chief Guest:
Prof. Dr Rukhsana Kausar

Resource Person:
Ghulam Jillani








Collaboration Proposal

National Startup Championship 2022




GC WOMEN UNIVERSITY SIALKOT

A Platform for Students and Alumni to Interact with top Employers of Sialkot for Jobs and Internships

JOB FAIR 2022

ORGANIZED BY
Faculty of Administrative and Management Sciences
in Collaboration with Career Counseling Center

Date: February 23, 2022
Time: 09 AM
Location: Auditorium Ground

Chapter- 6 University Building Economies

6.1 New Initiatives

- Tele-Psychological Services During COVID-19
- GCWUS - International Speakers' Talk Series
- Social Media Presence on FB, Twitter, LinkedIn
- GCWUS - YouTube Channel (activated)
- Orientation Drive Across University (initiated)

6.2 Technology Incubation Centre (TISC)

The project aims to provide an enabling IP environment for technology scouting, adaptation and innovation in Pakistan. Specifically, the project is expected to encourage incremental and economical innovations at Universities and Research Institutes by enhancing the institutional capacity to effectively exploit the high-quality technical information present in the patent as well as scientific and technical literature databases.

The Technology Innovation Support Center (TISC) will provide the following basic level services and additional services according to the need of GCWUS.

6.3 Internship and Placement Office

ORIC is managing internships, details of which are as under:

SN	Departments	Internships
1.	Business Administration	70
2.	Environmental Science	30
3.	Psychology	35

6.4 Student Counseling and Career Guidance

The Career Counseling Center helps the students in their educational and vocational planning. The career counseling center has, therefore, assumed an important role as they extend various training and student services ranging from resume writing and presentational skills to interviewing techniques and placements. It provides information on employment trends,

recruitment methods, occupational reviews, assistance in securing part-time/full-time employment/self-employment. The Center organizes training programs and workshops for the development of personal and communication skills to place the students on a sound footing to face interviews and other challenges in their career.

6.4.1 Psychological Well Being Centre

Counseling for stress reduction: Well-being Centre at GCWUS is working to help students, faculty and other staff, to understand demands of current pandemic and associated problems from a different viewpoint and helps them to think clearly and effectively overcome associated stress. Although a counselor cannot fix the issues of others, he/she can encourage the process of moving through the process and can facilitate learning healthy life skills to handle the stress of current situation in a productive way. The Counselor works to deeply understand each student, prepare them to overcome the hurdles that block their academic achievement and to share insights and steps of action that could bring hope, healing, and better emotional and psychosocial well-being.

Individual Counseling: Many kinds of concerns and problems can be dealt better by interacting on an individual basis with a counselor. Individual therapy is being provided as a chance to speak about personal issues with a counselor confidentially and to encourage personal development and decision-making. The counselor and the student work together to recognize and discuss personal challenges and to achieve mutually agreed objectives. Sessions generally last 30 - 45 minutes once or twice a week.

Common reasons why students seek out Counselling include:

- Issues related with online learning.
- Extreme cleanliness practices/OCD
- Illness anxiety
- Uncertainty and increased concerns about education during pandemic
- Financial concerns
- Re-engagement/Readjustment in social life
- Illness, grief and loss.
- Difficulties in interpersonal relationships
- Sleep disturbance
- Life transition and adjustment issues.

- Family issues
- Lack of social support
- Loneliness
- Mood swings
- Lack of educational concentration
- Addictive behaviors
- Anxiety, stress or Depression.
- Suspiciousness/Trust issues
- Violence and abuse
- Eating disorders
- Hopelessness
- Low self-esteem
- Time management
- Performance anxiety/ Fear of negative evaluation
- Coping and Fulfilling expectations of family

Group Counseling

Sometimes students may have particular issues that are better discussed by those who share the same concerns. Through giving and getting input from the other members and understanding that other students have the same problems and learning about how they coped with them, can be really beneficial.

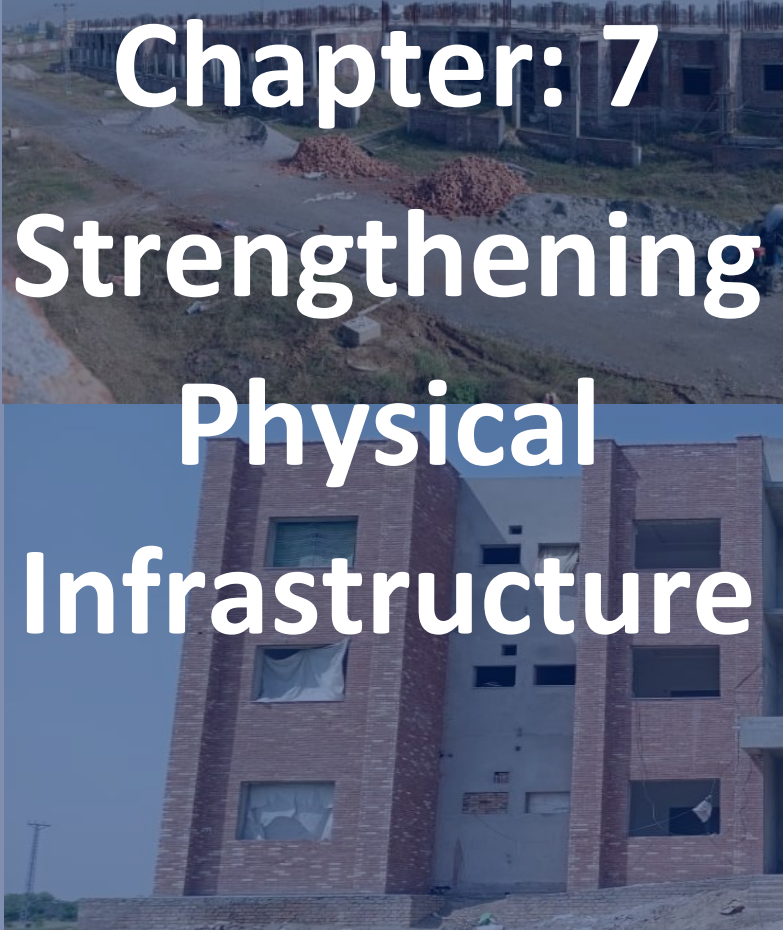
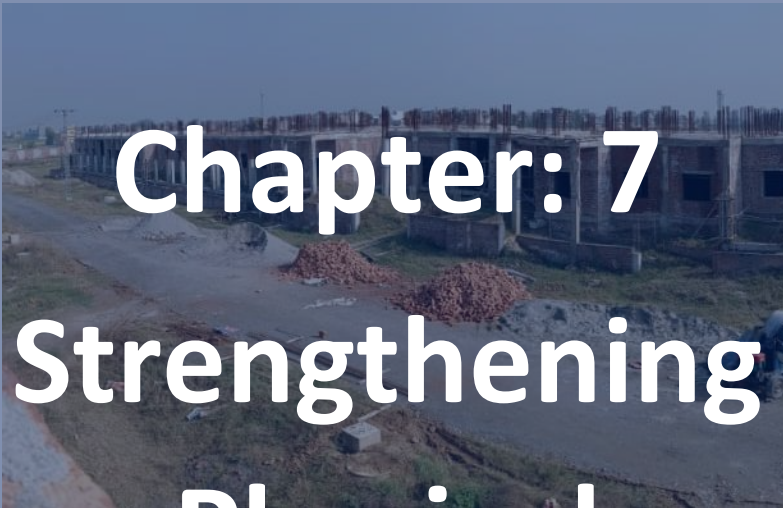
Guidance programs/Lectures

The psychosocial well-being center has prepared guidance programs which include activities, lectures, workshops and seminars. These are designed to achieve balanced growth in all aspects: academic, personal, social or cultural aspects of life and to improve the abilities of students to their full potential by providing with the knowledge, the required study skills, and the critical living skills.

Lectures and workshops on a range of different topics have been offered. These include

- How to manage Exams Anxiety
- Healthy vs unhealthy attachment patterns
- Healthy vs unhealthy coping mechanisms

- Non-adherence to protective behaviors
- Balance use of mobile and other gadgets
- Problem solving skills.
- Healthy eating, sleeping and exercise activities.
- Procrastination
- Good Listening & Communication Skills in class
- Decision making
- Building Self confidence
- Effective time management and study Habits
- Stress management
- Anger management
- Building Resilience
- Prosocial behaviors
- Ethical and moral issues
- Emotional intelligence
- Social intelligence
- Emotion regulations skills
- Assertiveness training



Chapter: 7 Strengthening Physical Infrastructure

Chapter-7 Strengthening Physical Infrastructure

7.1 Development Projects

To meet the academic and infrastructure needs of the university several projects/works/schemes were executed during 2022-23. Federal and Provincial Governments provided funds through their respective departments, i.e Higher Education Commission (HEC) Islamabad and Higher Education Department, Government of the Punjab, against different projects/works/schemes. Some of the development works / schemes are being executed out of university's own funds. The listed works / schemes are being executed according to infrastructure demands and to improve/facilitate the academia with the vision to achieve the goal of "Women Empowerment through Quality Higher Education". Details of development projects/works/schemes being executed during the year 2022-23 are presented below.

1. Construction of Building of GC Women University Sialkot on Acquired Piece of Land at Sialkot. (HED Funded)

The project titled "Construction of Building of GC Women University Sialkot on Acquired Piece of Land at Sialkot" was approved by PDWP on 29.05.2018 and Administrative Approval was issued on 08.06.2018 for Rs.2072.580 million (Capital Rs. 1622.797 million + 449.783 Million Revenue) with completion time of 30 Months. However, due to low releases of funds, the project couldn't complete in stipulated time and got extended upto 31-12-2022. The Capital Component included construction of Academic Block, Admin block, student hostel, 02 faculty hostels, VC Residence and Boundary wall at Imam bibi Campus, Emanabad Road Sialkot. Moreover, the provision of construction of an Academic Block in existing campus was also included in the project. The Revenue component included Purchase of Lab Equipment, Furniture and Fixtures, ICT/ Networking Equipment and Vehicles. The provision of Purchase of Books and Journals was also included as the Academic Block at existing campus contains a library at each floor of the building. The construction work was started with full swing at the site and achieved a significant progress in the year 2022-2023 as the release of funds in this year were high as compared to previous years. Moreover, different Lab and ICT equipment were purchased during the year 2022-2023.

2. Strengthening Infrastructure and Academic Programs of GC Women University Sialkot. (HEC Funded)

The project titled “Strengthening Infrastructure and Academic Programs of GC Women University Sialkot” was approved by DDWP (HEC) on 20.03.2020 and Administrative Approval was issued on 11.08.2020 for Rs.1395.133 million with implementation period of 36 Months. The Construction work included 1st floor academic block, 1st floor Student hostel, Library (G+1) floor, 18 residential (Flats) of different grades, day care center, overhead electricity, internal roads and sewerage system. The construction work was started with full swing at the site and achieved a significant progress in the year 2022-2023.

3. Establishment of Guest House at GC Women University, Sialkot, (Funded through university’s own Resource)

The project “Establishment of Guest House at GC Women University, Sialkot” was approved on 19.03.2021 having an amount of Rs. 5.048 million. The University has established the guest house to facilitate and accommodate those guests who visit the campus for official purposes. The university has renovated the old principal Office as Guest House for comfortable accommodation. The GCWUS Guest House consists of 04 fully furnished rooms with cooling/heating facilities for single and double occupancies. The project was completed during the year 2022-2023.

4. Establishment of Kamyab Jawan Markaz at GC Women University Sialkot (HEC Funded)

The project “Establishment of Kamyab Jawan Markaz at GC Women University, Sialkot” was approved on 23.02.2021 having an amounting of Rs. 4.747 million. The Kamyab Jawan Markaz will facilitate the students under one roof. The project was completed in during the year 2022-2023.

5. Establishment of Student Service Center (Funded through University own Resource)

The project “Construction of Student Service Center at GC Women University, Sialkot” was approved on 21-01-2022 with an amount of Rs. 59.268 million. The Student Service Center will provide various services to the students e.g. cafeteria, composing and printing center,

photocopier. Moreover, it will also accommodate the Directorate of Students Affair and Psychological Counseling Center etc. The project will be completed in April 2023.



Kamyab Jawan Markaz

7.2 Central Research Lab

GC Women University Sialkot decided to develop a reliable and standard research platform in support of the faculty of Natural Sciences and established a commonplace for basic and advanced science-based research which was named as *Central Research Laboratory (CRL)*. This laboratory was committed to accommodate the best instrumental aspects of multidisciplinary research e.g.

Physics, Chemistry, Zoology, Botany, Environmental Sciences, etc. With time, it will be equipped with the best and trained instrument professionals/researchers/Scientists to serve the scientific community of the GC Women University Sialkot as well as surrounding institutes within or around Sialkot. In the early Phase, the CRL would focus on the optimal usage of the equipment and instruments for different processes, tests and characterization for the basic and technological research of the relevant departments of the Natural Sciences Faculty.

Research Equipment at CRL:

The Central Research laboratory presently hosts the following research equipment

1. Atomic Absorption Spectrometer



2. Nanoparticle Analyzer



3. Universal Oven



4. Furnace



5. UV



6. Centrifuge



7. PCR



8. Multi Scan



9. Power Supply



10. Digital Weight Balance



11. PH Meter



12. High Voltage Power Supply



13. FTIR



14. Sonicator



15. Freezer



- Following departments are being facilitated:
 - Department of Physics, GC Women University Sialkot.
 - Department of Chemistry, GC Women University Sialkot.
 - Department of Zoology, GC Women University Sialkot.
 - Department of Botany, GC Women University Sialkot.
 - Department of Environmental Science, GC Women University Sialkot.

7.2.1 Role of Central Research Laboratory in the University

Central Research Laboratory (CRL) has been established in the University. A handsome amount has been spent on purchasing state-of-the-art scientific equipment. It has been playing a pivotal role in supporting the research activities of five departments (Botany, Chemistry, Environmental Sciences, Physics and Zoology) of the Faculty of Natural Sciences.

Following departments' students and faculty members utilize the facility of the Central Research lab:

- Department of Physics, GC Women University Sialkot.
- Department of Chemistry, GC Women University Sialkot.
- Department of Zoology, GC Women University Sialkot.
- Department of Botany, GC Women University Sialkot.
- Department of Environmental Sciences, GC Women University Sialkot.

7.3 Construction Project

Different projects / schemes remained under execution during 2022-23 according to the university's academic and infrastructural requirements. Federal and Provincial Governments provided funds against different projects / schemes through their respective departments i.e Higher Education Commission (HEC), Islamabad and Higher Education Department, Government of the Punjab. Some of the development works / schemes are being executed from university's own funds. The listed works/schemes are being executed according to infrastructure demands and to improve/facilitate the academia with the vision to achieve the goal as a "Women Empowerment through Quality Higher Education". Detail of development projects/works/schemes for the year 2022-23 are as under:

7.2. Construction of Building of GC Women University Sialkot on Acquired Piece of Land at Sialkot. (HED Funded)

The project titled as "Construction of Building of GC Women University Sialkot on Acquired Piece of Land at Sialkot" was approved by PDWP for its 4th revision on 18.11.2022 and Administrative Approval was issued on 04.01.2023 for Rs.2946.888/- Million (Rs. 1959.048 Million Capital + 987.840 Million Revenue) with completion time upto June 2024. The Capital Component included construction of Academic Block, Admin block, student hostel, 02 faculty hostels, VC Residence and Boundary wall at Imam bibi Campus, Emanabad Road Sialkot. Moreover, the provision of construction of an Academic Block in existing campus was also included in the project which was handed over to the university as a Social Sciences Block. The Revenue component included Purchase of Lab Equipment, Furniture and Fixtures, ICT/ Networking Equipment and Vehicles. The provision of Purchase of Books and Journals was also included as the Academic Block at existing campus contains a Social Sciences Library. The construction work was executed with full swing at the site and achieved a significant progress in the year 2022-23. Moreover, different Lab and ICT equipment were purchased during the year 2022-23.

7.3 Strengthening Infrastructure and Academic Programs of GC Women

University Sialkot. (HEC Funded)

The project titled “Strengthening Infrastructure and Academic Programs of GC Women University Sialkot” was approved by DDWP (HEC) on 20.03.2020 and Administrative Approval was issued on 11.08.2020 for Rs.1395.133 Million (Rs. 1109.077 Million Capital + 286.056 Million Revenue) with implementation period 36 Months. The Construction work included 1st floor academic block, 1st floor Student hostel, Library (G+1) floor, 18 residential (Flats) of different grades, day care center, overhead electricity, internal roads and sewerage system. The Revenue component included Purchase of Books & Journals, Lab Equipment, Furniture and Fixtures, ICT/ Networking Equipment and Vehicles.

7.1.3 Establishment of Student Service Center (Funded through University’s own Resources)

The project “Construction of Student Service Center at GC Women University, Sialkot” was approved on 21-01-2022 with an amount of Rs. 59.268 million. The Student Service Center provides various services to the students e.g. cafeteria, composing and printing center, photocopier under one roof. Moreover, it also accommodates the Directorate of Students Affair and Psychological Counseling Center etc. The building was inaugurated on 18-05-2023.

Chapter: 8

Strengthening Technological Infrastructure



Chapter-8

Strengthening Technological Infrastructure

8.1 Digital Library

The Digital library of GCWUS has access to the following sources of HEC Digital Library:
<http://www.digitallibrary.edu.pk/gcusialkot.htm>

1



ProQuest Dissertation & Theses

Institute for Operations Research and the Management Sciences (INFORMS)

Springer Link

WILEY-Blackwell Journals

Taylor & Francis Journals

8.1.1 Number of Books

The University library has more than 30,319 books and journals in the hard form available for students and faculty members. They can visit and read the books in the library. These books can also be issued to them for a specific period of time.

Name of Department	Number of Books
Botany	139
Business Administration	1,419
Computer Science	1,100
Chemistry	443
English	6,035
Economics	756
Environmental Science	17
Fine Arts	495
Arabic and Islamic Studies	4,630
Mathematics	745
Physics	658
Psychology	504
Political Science	1,627
Statistics	610
Sociology	340
Urdu	7,670
Zoology	225
General Books (Persian, Education, History, Biology, Geography, Philosophy, Home Economics and Physical Education etc)	2,906
Total	30319

8.2 PERN

8.2.1 Internet Facility (LAN Connectivity and Wi-Fi)

The IT SUPPORT CENTER, at GCWUS is providing a high-speed internet facility to faculty, administrative staff, and students with 200+ Mbps bandwidth through LAN as well as Wi-Fi on campus. IT Support Center has provided 450+ LAN connections and we are in the process of expanding our LAN network by including 500 LAN connections. To provide blanket WIFI

coverage 134 access points are deployed all over the University including departments, hostel, cafe and administrative block.

8.2.2 Fiber Optic Network Installation

IT Support Center has also installed fiber optic cables throughout the GCWUS campus for better connectivity and internet speed.

8.2.3 Smart University Project

IT Support Center has provided blanket network coverage under the project “TRANSFORMATION TOWARDS SMART UNIVERSITIES”. The coverage has been provided by deploying the following equipment:

- 129 indoor access points
- 5 outdoor access points
- 36 IP cameras
- 1 PTZ camera (360 angle coverage)
- 134 Mbps internet speed

This system aids in the better monitoring and learning environment for faculty and students 24/7. ITSC is currently facilitating 7000 users with the Wi-Fi facility.

8.3 Video Conferencing

IT Support Center is providing the facility of Audio/Video for conferencing/lecturing/Symposium etc. within/ outside the premises of GCWUS funded by HEC (In Progress).

8.4 Campus Management Solution

8.4.1 Software Development (CMS)

The Software Development team has undertaken the Development of Campus Management System as a fundamental need of GC Women University, Sialkot. The mission of ITSC is to centralize the whole system of the university. Keeping the current needs of administration and academia in view, ITSC has successfully implemented three modules to facilitate the community of CGWUS. The details of each module are as follows:

8.4.2 Human Resource Management System

HRMS has the capacity to maintain the complete profile of employees from joining to relieving. It also facilitates the HR Admins with different graphical and excel reportings (based on different criteria) for decision making.

8.4.3 Student Registration Management System

Student Registration Management System (SRMS) manages the complete record of students, i.e. from personal record to their academic record along with enrollment and their status. It also manages the degree programs running in academia. SRMS also facilitates Student Registration (SR) Admins to generate department-wise student cards, registration forms, excel downloading and graphical reports.

8.4.4 Learning Management System

LMS facilitates the students, faculty, and QEC department. The main features are:

- **Examination** to manage students result (mid, final and sessional marks)
- **Students Attendance** to take students attendance
- **Quality Enhancement Cell**
 - Student Portal Features
 - Students Enrollment
 - Students Course Registration
 - Students Class Timetable
 - Students Attendance
 - Students Assignments
 - Students Marks (Mid, Final & Sessional)
 - Students Result & Grades
 - Students Print Transcript
 - Students Print Fee Challan
 - Feedback & Survey
 - Teacher/Instructor Portal Feature
 - Teacher Profile & Dashboard
 - Class Schedule
 - Students Assignments
 - Share Academics Martial with Students
 - Upload Result (Mid, Final & Sessional)
 - Research & Publication Portfolio
- Cumulative evaluation reporting through students' feedback for quality education.

Moreover, the LMS manages the scheme of study, students admit card, courses allocation, faculty workload, Along with LMS also facilitates course materials (uploading, downloading).

8.4.5 Online Admission System

The online admission system works for both offline and online admission processes. The system allows the candidate to apply online in different programs by following the complete form wizard and download the voucher and registration form. At the same time, this system also supports the data entry of offline admissions with regular forms. The system can also generate merit lists, manage statuses, enroll and register the candidates.

8.5 Web Portal

Website development and management is an evolutionary task. Although the GCWUS website is expanding at a great rate with the changes coming into account over time. Given below are the details of the tasks being performed throughout the year:

- Incorporating new features into the website.
- Content Management of Current web Portals.
- Availability of current information about:
 - Rules and Regulations
 - Application forms
 - Handbooks
 - Prospectus
 - Merit Lists
 - Results
 - Jobs
 - Right to information
 - Scholarships
 - Tenders & Life @ GCWUS
- Pre & Post Event updating on website and social media pages.
- Departmental Changes to keep current information for the real projection of departments.
 - Introduction of the department
 - Message by the Head of Department

- Program details / Study Schemes (Eligibility criteria, Scope of the program, Session Details)
- Faculty profiles
- Admission details
- Academic information such as Academic Calendar, Rules, Notifications and Policies etc.
- Provision of the details about GCWUS facilities on website, such as (Transport, Day Care, Health Care, Hostel, Societies /Clubs, Finishing School)
- Management & availability of updated Information about Non-Academic offices such as:
 - Vice Chancellor's office
 - PA to Vice Chancellor's office
 - Registrar
 - Examination
 - Treasurer
 - IT Support Center
 - Quality Enhancement Cell (QEC)
 - Office of Research, Innovation and Commercialization (ORIC)
 - Security Cell
 - Project and Development (P&D)
 - Director of Student Affairs (DSA)
 - Library
- University departmental bi-annual journals sub web Portal development and management including:
 - Department of Urdu (Tehqeeqi Jarida)
 - Institute of Arabic and Islamic studies (Al-Ilm)
 - Department of Political Science (ORSS)
 - Department of Botany
 - Department of Zoology
 - DSA web portal development and management.
 - Career counseling web portal development and management.
 - Alumni web portal development and management.
 - Search Engine Optimization (SEO).
 - Prospectus Design & Formation.

8.6 Haier Smart Classroom

HEC, in collaboration with Haier, has established smart classroom for students. This initiative marks a significant step towards the future of education, enabling students to engage in digital learning experiences using advanced technologies such as laptops, digital multimedia, LCDs, and high-speed wireless internet facilities. The Smart Classroom fosters connectivity between students and instructors, facilitating the sharing of learning materials and conducting online quizzes. This lab is a great initiative for students and researchers.

8.7 Huawei Smart Classroom

In 2022, HEC, in collaboration with Huawei, established a smart classroom equipped with latest technology such as Virtual Desktop Infrastructure (VDI), interactive smart boards, and a soundproof learning lab. These advancements have greatly enhanced the learning experience for both students and faculty members. With the implementation of the latest features in e-learning, students now have the ability to learn remotely, providing them with flexibility and accessibility. The Huawei smart classroom has revolutionized the educational environment, enabling a more interactive and engaging learning process.

8.8 Women Development Center

Government College Women University Sialkot established the Women Development Centre (WDC) in collaboration with Government of Punjab, Women development department (GoPb) on 31st day of January, 2022. Women Development Centre provide/facilitate about awareness for career development, entrepreneurship, online educational facilities and capacity building for further plans, in the premises of GCWU Sialkot.

Objectives

The objectives of WDC are to set forth and implement a framework for having the following facilities:-

- a) CV Making
- b) Job Hunting
- c) Web Development
- d) Report Writing
- e) Interview Technique
- f) Career Planning & Professional Development
- g) Research Activities; etc.



8.9 Official Email

IT Support Center provides facilities to staff to communicate electronically via official email. University official email accounts have been issued to all faculty members, administrative staff and all the enrolled students for communication through electronic mail.

8.10 Microsoft Online Learning Academy

IT Support Center is providing Microsoft Learning Academy facility in collaboration with HEC to both students and instructors of IT/CS departments. It is providing an opportunity for curriculum resources for enhancing IT technical skills and professional certification preparation. IT Support Center is a managing environment of instructor-led courses, student-led learning and self-development for both students and teachers.

8.11 Turnitin

IT Support Center also manages Plagiarism software and accounts that are used by the researchers to make their research more useful and less Plagiarized. ITSC also facilitates the students in plagiarism checking.

8.12 DreamSpark

IT Support Center is providing and managing DreamSpark accounts for faculty/administrative Employees and students in collaboration with HEC and Microsoft. These accounts facilitate the users with professional Microsoft designing and development products.

8.13 Volume Licensing Service Center Keys

IT Support Center has also got Volume Licensing Service Center (VLSC) that provides access to free download product with key for both faculty/staff and students.

8.14 Digital Library Access

A digital library is functioning to facilitate the faculty members and students to access eBooks and research literature through Higher Education Commission, Islamabad.

8.15 Open Course Ware

With the cooperation of Virtual University, ITSC is providing an Open Course Ware to the students of Govt. College Women University, Sialkot through an open courseware site.

8.16 Introduction to Library

GC Women University Library has the distinction of being first ever Public Sector University Library in Sialkot. GCWU Library supports academic and research activities in the University. More than just books and computers, library is a still place where individuals gather to explore, interact, and imagine. The library is growing with the passage of time in terms of collection building, formulation of rules and regulations and implementation of software and technologies. The addition of new databases especially, some premium resources through HEC digital library is also in progress.

Opening Hours: Monday – Friday (8:00 am – 4:00 pm)

Learning Resources:

General Collection

The general collection comprises wide variety of old and new books of patron's interests.

Reference Collection

Reference collection includes dictionaries, encyclopedias, handbooks, almanacs and bibliographies, Thesis and projects on several topics.

Text Book Collection

Due to limited copies of textbooks, borrowing of these books is limited to some definite period of time. It consists of the textbooks, read-outs and photocopies of the articles recommended as course readings.

Urdu Collection

Library maintains separate collection of books published in Urdu. This collection consists of Urdu Literature, Seerat-un-Nabi (PBUH), Islamic philosophy, theology, Islamic history and translations of the Holy Quran.

Thesis & Projects

Library maintains collection of theses/dissertations/projects produced by students of final years graduating classes.

17.17. Facilities & Services:

The library acquires variety of instructional and other learning resources to support the academic and research programs offered at GC Women University Sialkot. Resources are arranged into various sections according to the specific nature of material. The collection holds approximately 33000 books.

Circulation Services

All registered users with valid Library Card are eligible for library loans with varying borrowing privileges. Library materials on reserve, periodicals, and reference, govt. publications and CDs etc. cannot be borrowed.

Reference Services

The Reference Desk helps researchers in locating information by using the print and electronic resources. The reference tools like encyclopedias, dictionaries atlases etc., are placed in this section. These books can be consulted within the library.

Reservation of Books

Books has been borrowed by any member can be reserved by another one. Reserved items will be held at circulation desk for 2 days. Faculty may be given priority in this regard.

WIFI Access

Wifi access is available in the library through dedicated bandwidth of the University.

Searching Assistance

If the required item is not found on the shelf, searching assistance can be requested at circulation desk.

Workshops/ Training Programs

Orientation programs/training sessions are conducted to enable the users to use the library. The orientation programs at the time of fresh admissions are conducted each year.

1. DEPARTMENT WISE NUMBER OF BOOKS

Name of Department	Number of Books
Arabic and Islamic Studies	4801
Botany	197
Business Administration & Commerce	1505
Computer Science	1217
Chemistry	592
English	6384
Economics	814
Education	268
Environmental Science	115
Fine Arts	592
Mathematics	804
Physics	699
Psychology	573
Political Science	1733
Statistics	656
Sociology	406
Urdu	8342
Zoology	252
General Books (Persian, History, Biology, Geography, Philosophy, Home Economics and Physical Education) Please include subjects other than mentioned if any	3238
Total	33188

Library Website

As the Library's website (<https://library.gcwus.edu.pk/>) is the instant source of updated information. Therefore, new library rules and updated membership forms have been uploaded on official websites.





Chapter: 9

University

Building

Communities



Chapter-9 University Building Communities

9.1 University Community Interaction

SN	Name of Faculty/Staff/Student	Title of Activity	Delivered / Performed at	Date
1.	All Economics Department	Plantation	Aimenabad campus and the present campus of the university	2022
2.	All Economics Department	Entrepreneur Gala	GCWUS	2023
3.	Umer Farukh	Research and Innovation Week	GCWUS	2023
4.	Umer Farukh	Research Documentary Symposium	GCWUS	2023
5.	Dr. Sadia Maalik	Member of Auditor/Assessment Team of Self-Assessment Report (SAR)	Govt. College Women University, Sialkot.	August, 2023
6.	Dr. Sadia Maalik	Member of Departmental Research Program Committee'(DRPC)	Department of Zoology, GCWUS	September, 2023
7.	Dr. Sadia Maalik	Co ordinator PhD Zoology and BS zoology Batch 2022-26) department of Zoology	Department of Zoology, GCWUS	2022 to till date
8.	Dr. Sadia Maalik	Thesis Evaluation for M.Sc and M.Phil Viva examination	In Different HEC recognized Institutes	2016 to till date
9.	Dr. Sadia Maalik	Convener health and blood donor society	GCWUS	2022 till date
10.	Dr. Sadia Maalik	Member ranking committee	GCWUS	2022 till date
11.	Dr. Sajida Mushtaq	Convener of Canteen Committee, GCWUS	Govt. College Women University, Sialkot.	27-01-22 to till date
12.	Dr. Sajida Mushtaq	Member of Auditor/Assessment Team of Self-Assessment Report (SAR)	Govt. College Women University,	August, 2023

			Sialkot.	
13.	Dr. Sajida Mushtaq	Member of Departmental Research Program Committee'(DRPC)	Department of Zoology, GCWUS	September, 2023
14.	Dr. Sajida Mushtaq	Self-Support Degree Program (SSDP) coordinator at department of Zoology	Department of Zoology, GCWUS	2017 to till date
15.	Dr. Sajida Mushtaq	Thesis Evaluation for M.Sc and M.Phil Viva examination	In Different HEC recognized Institutes	2016 to till date
16.	Dr. Muhammad Hassan Siddiqi	Convener/Focal person Dengue Management Committee.	GCWUS	19-09-2022-October,2023
17.	Dr. Tariq Mahmood	External examiner for MS Theses	Department of Physics, University of Sialkot	2023
18.	Dr. Tariq Mahmood	MS theses External Examiner	COE in Solid State Physics, University of the Punjab, Lahore	2023
19.	Dr. Imran Aslam	3D Graphene-based material: overview, perspective, advancement, energy storage, biomedical engineering and environmental applications A bibliometric analysis	Review the paper of the journal "Journal of Environmental Chemical Engineering"	24.05.2023
20.	Dr. Robina Ashraf	External examiner for MS/PhD admissions	COE in Solid State Physics, University of the Punjab, Lahore	5-7 September 2023
21.	Dr. Robina Ashraf	MS thesis External Examiner	COE in Solid State Physics, University of the Punjab, Lahore	6 September 2023
22.	Dr. Robina Ashraf	MS thesis External Examiner	Department of Physics, University of Sialkot, Sialkot	13 September 2023

9.1.1 Media Related Activity

SN	Name of Faculty Member	Contribution	Forum	Date
1.	Dr. Muhammad Afzal Butt	Press and Publication Convener	GCWUS	2019 to Date

9.2 University’s Role in Building Community

GC Women University is performing its role in building the community through different services to the community.

SN	Name of Faculty/Staff/Student	Title of Activity	Delivered / Performed at	Date
1.	Dr. Noreen Khalid	Awareness Walk on Anticorruption	GCWUS	Dec 09, 2022
2.	Dr. Noreen Khalid	webinar on “anti-corruption	GCWUS	December 19, 2022
3.	Dr. Noreen Khalid	Session on Character Building	GCWUS	March 6th, 2023
4.	Dr. Noreen Khalid	meeting with student presidents of different universities	GCWUS	March 15,2023
5.	Dr. Noreen Khalid	Seminar on Character Building	GCWUS	March 16, 2023
6.	Dr. Amina Kanwal	Science expo	GVWU Sialkot	Feb 21 & 22, 2023

9.3 Alumni Affairs

Eidi Distribution among Class-IV Employees

Amount of Rs: 2,44,000/- was distributed among class IV Employees in Syndicate Hall of Admin Block of GCWUS by President Ms. Azra Sabtain and Finance Secretary Ms. Raheela Sohail in presence of Madam Vice Chancellor and members of Alumni Committee. Moreover, 118 bags of Flour were also distributed among these employees.

Flood Relief Fund

A cheque amounting to Rs: 200,000/- was handed over to worthy Vice Chancellor by President Alumni Association Ms. Azra Sabtain in presence of members of the Flood Relief Fund Committee.

First-Ever get-together of Alumni

The first-ever get-together of Alumni of Government College Women University Sialkot (GCWUS) was held on 22nd March 2022. The event was organized by the Committee for Alumni Association of GCWUS upon the direction of the worthy Vice Chancellor, Prof. Dr. Rukhsana Kausar who is also an Alumna of this institute. The event was graced by a few distinguished and senior alumni.





Chapter: 10

Sports

Activities



Chapter-10 Sports Activities

10.1 Inter-Departmental Sports

SN	No. of Student	Competition / Activity	Organized by (Institution, City)	Position	Date
1.	4 Athletes	Relay Race	All Pakistan Sports Boards	3 rd	28 Nov - 03 Dec, 2021
2.	2 Players	Netball	Pakistan Netball Federation	2 nd	27-31 Mar, 2022



All Pakistan 10th Netball Interuniversity Championship 18th till 20th January 2023

Qualified for 3rd Position Match



*22nd National Netball Men and Women Championship 11th till 14th February 2023
Bisma Batool and Mahnoor Tariq Selected for HEC Netball Team*





Worthy Vice Chancellor with University Handball Team

Participation in National Championships

10.1.1 Achievements at the National Level

SN	Name of Student / Team	Competition / Activity	Organized by (Institution, City)	Medal	Date
1	Mahnoor Zaigham, Fajor Malik, Saira Bibi, Bisma Batool, Muqadas Safder, Faiza and Ushna	All Pakistan Inter Sports Gala	Pakistan Sports Board	Bronze Medal	06 Jan, 2020

10.2 Incentives and honors/awards for Sportspersons

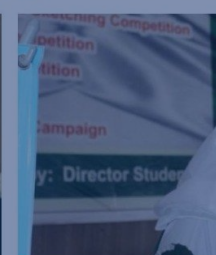
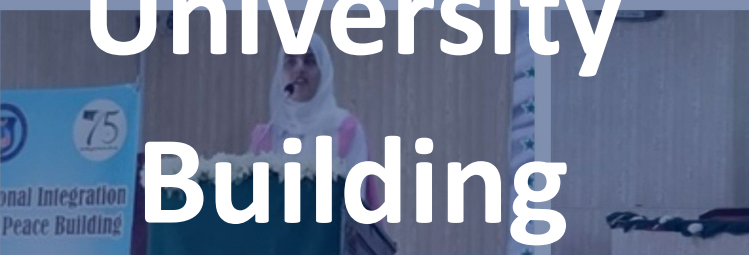
- Mahnoor Tariq went to China under Prime Minister Kamyab Jawan Scheme for her sports achievements.
- Tayyba Jabbar qualified for the HEC scholarship.
- Muqaddas and Tayyaba Jabbar were selected for International Women Handball Championship.
- Tayyba Jabbar was selected in HEC Handball Team and won Bronze Medal.

Chapter: 11

University

Building

Leadership



Chapter-11 University Building Leadership

11.1 Faculty Leadership

SN	Name	Committee	Role	Date
1.	Prof. Dr. Zarrin Fatima Rizvi	BOD Sialkot Waste Management	Policy Making	(2017 – to date)
2.	Prof. Dr. Zarrin Fatima Rizvi	BOS University of Gujrat	Policy Making	(2018-to date)
3.	Prof. Dr. Zarrin Fatima Rizvi	BOF University of Sialkot	Policy Making	(2017-to date)
4.	Prof. Dr. Zarrin Fatima Rizvi	GCWUS Kamiyab Jawan Prime Minister Program	Policy Making	2022-
5.	Prof. Dr. Zarrin Fatima Rizvi	Academic Council University of Norowal	Policy Making	2022-
6.	Dr. Noreen Khalid	Publication Committee, SWS, USA	Policy Making on Publishing	2020-
7.	Prof. Dr. Rukhsana Kausar	Selection Board, Home Economics Women University, Lahore	Member	2019 till date
8.	Prof. Dr. Rukhsana Kausar	Academic Council, GCU, Lahore	Member	2019 till date
9.	Prof. Dr. Rukhsana Kausar	Board of Studies, Institute of Applied Psychology, University of the Punjab	Member	2019 till date
10.	Prof. Dr. Rukhsana Kausar	Academic Committee, National Institute of Psychology, QAU, Islamabad	Member	2018 till date
11.	Prof. Dr. Rukhsana Kausar	International Medical Sciences Academy (India)	Fellow	2007 till date
12.	Prof. Dr. Rukhsana Kausar	American Psychological Association	Member	2007 till date
13.	Prof. Dr. Rukhsana Kausar	European Health Psychology Society	Member	2003 till date
14.	Prof. Dr. Rukhsana Kausar	International Society of Interpersonal Acceptance and Rejection	Member	2007 till date
15.	Prof. Dr. Rukhsana Kausar	Pakistan Psychological Association (PPA)	Member	Life Time
16.	Dr. Yasin Munir	DDPCC	Member	2015 till date

17.	Dr. Muhammad Shahbaz	Board of Studies, English Department, University of Gujrat, Gujrat	Member	2018-21
18.	Dr. Muhammad Shahbaz	Board of Studies, English Department, University of Sialkot, Sialkot	Member	2018-21
19.	Dr. Adeel Mehmood	NCRC	Member	May, 2018 till date
20.	Dr. Adeel Mahmood, Dr. Shahla Andleeb and Ms. Anam Bajwa	PHA, Sialkot	Member	2017 till date
21.	Dr. Adeel Mahmood and Dr. Shahla Andleeb	Environmental Committee at Sialkot Chamber of Commerce and Industries	Member	2019 till date
22.	Dr. Umara Rauf	Pakistan Psychological Association (PPA)	Member	2018 till date
23.	Dr. Umara Rauf	Pakistan Association of Social Psychiatry (PASP)	Member	Life Time
24.	Dr. Umara Rauf	International Society of Substance Use Professionals (ISSUP)	Member	Life Time
25.	Dr. Umara Rauf	Member of the Asia Society of Researchers (ASR). ASR Member	Member	11 Feb, 2020 till date
26.	Dr. Umara Rauf	National Professional Psychologists Association Pakistan (NPPAP)	Member	Feb, 2020 to 2023
27.	Ms. Sadaf Zahra Jafri	Pakistan Psychological Association (PPA)	Member	2014 till date
28.	Ms. Salbia Abbas	International Society of Substance Use Professionals	Member	2018 till date
29.	Ms. Salbia Abbas	Psychologist Panel Bahawal Pur Pakistan	Member	Life Time
30.	Ms. Salbia Abbas	Eurasia Research by teaching and education research association, Newzeland	Member	Life Time
31.	Ms. Salbia Abbas	High scope education Research Foundation 1970, Africa	Member	2019 till date
32.	Ms. Salbia Abbas	Australia and New Zealand Mental Health Professional Community	Member	2019 till date
33.	Nisai Mushayra	, Dr. Shagufta Firdous(Director Student Affairs) In collaboration with Majlis e shair o adab		16th Nov, 2022
34.	Change Making	DSA	Zainab Bukhari	12 th Dec 2022

	Competition (YES (Youth Engagement Services) Network Pakistan)		Minahil Raza Ramisha	
35	76 th Independence Day Celebration	DSA		14 th August, 2023
36	Celebrations of Pakistan's Independence Day "75th Anniversary (Diamond Jubilee)	DSA		14 th August, 2022
37	UOG Rehmatul lil Alameen week 2022	Naat, Qirat and Debate Collaboration	Fabia khalil 1 st position in Naat Khuala Bint e Azhar 1 st position in Qirat Hafsa 1 st position in debate	
38	Mahfil e Zikre Rasool (PBUH)	Institute of Arabic and Islamic Studies and Director Student Affairs		27 th Oct. 2022
39	Dr. Tariq Mahmood	Departmental research Committee (U.Skt)	Expert	2022-23
40	Dr, Samia Naeem	BOS	Member	30-1023
41	Dr. Adeel Mahmood	National Curriculum revision Committee of HEC	Member	28 th May, 2018 to date
	Dr. Moazama Batool	Board of Faculty	Member (Nominee of the Board)	D/USKT/REG/078 February 14, 2023
	Dr. Asma Waheed Qureshi	Board of Studies (BOS) USKT	Evaluation and approval of BOS related agenda	Feb, 2023 till date
	Dr. Asma Waheed Qureshi	SAR Team member of USKT	Evaluation of Departmental MS/PhD program	May, 2023-till date
	Dr. Asma Waheed Qureshi	DRCC of USKT	Evaluation of Research proposals of MS/PhD	Aug 2022-till date

11.2 Student Leadership

University has the following twenty student societies:

SN	Name of Society
1	Art & Cultural Society
2	Blood Donor & Health Society
3	Character Building Society
4	Dramatic Society
5	English Debating Society
6	Fabian Society
7	Future Zone Society
8	GC Entrepreneurial Society
9	GCWUS Science Society
10	Writer's Club
11	Library Society
12	Majlis-e-Shair-o-Adab
13	Majlis-e- Iqbal
14	Peace Society
15	Qiraat &Naat Society
16	Quiz Society
17	Research & Development Society
18	Social Work Society
19	Sports Society
20	Urdu Debating Society

11.2.1 Student Achievements

SN	Name of Student	Competition / Activity	Organized by (Institution, City)	Position	Date
1.	Zunaira Yaqoob	Urdu Debate competition Independence Day	GCWUS	2 nd	9 Aug, 2021
2.	Zunaira Yaqoob	Urdu Debate competition Topic: Anti corruption	GCWUS	3 rd	6 Dec, 2020
3.	Fakhra Tahseen	Presidential Award in Essay Writng	Ministry of Religious affairs	1 st	2020
4.	Fiza Aqeel	Afsana Nigari competition	GCWUS	4 th	2020
5.	Mahnoor Dilawar	Anti-corruption poster competition	GCWUS	1 st	16 Dec, 2020
6.	Maryam Shahzadi	Anti-corruption poster competition	GCWUS	2 nd	16 Dec, 2020
7.	Nimra	Anti-corruption poster	GCWUS	3 rd	16 Dec,

		competition			2020
8.	Mehak Mansoor Elahi	Anti-corruption poster competition	GCWUS	2 nd	16 Dec, 2020
9.	Maryam Yousaf	Competition young artists exhibition	Lahore Arts Council	10 th	20 May, 2021
10.	Mehwish Ashraf	National Undergraduate Mathematics Contest	University of the Punjab, Lahore	3 rd	31 Jul, 2021
11.	Hafiza Anaas Adeem	Quiz Competition	GCWUS	1 st	8 Apr, 2021
12.	Ansa Rashid	Quiz Competition	GCWUS	2 nd	8 Apr, 2021
13.	Sheeza Razzaq	Quiz Competition	GCWUS	3 rd	8 Apr, 2021
14.	Ansa Sajjad	Urdu Speech Competition	GCWUS	2 nd	11 Dec, 2020
15.	Ayesha Iqbal	Comparing of English Debate contest	GCWUS	Nil	7 Dec, 2020
16.	Alishba Qaiser	English Debate contest	GCWUS	Nil	7 Dec, 2020
17.	Maliha	Poster presentation on Business Idea	NRSP, APWUC under US AID Program conference, Islamabad	Got Certificate	2023
18.	Amen Riaz	Poster presentation on Business Idea	NRSP, APWUC under US AID Program conference, Islamabad	Got Certificate	2023
19.	Ayun	Poster presentation on Business Idea	NRSP, APWUC under US AID Program conference, Islamabad	Got Certificate	2023
20.	Zeenat	All Pakistan Quiz Competition	UOG		08-08-2023
21.	Ibtasam	All Pakistan Quiz Competition	UOG		08-08-2023
22.	Maheen	6 th September	GCWUS		06-09-2023
23.	Ayesha	Organo Balms on Decennial Celebrations	Department of Chemistry, GC Women University Sialkot	1 st	1 st March
24.	Mehak Kanwal	Hand Sanitizers on Decennial Celebrations	Department of Chemistry, GC Women University Sialkot	2 nd	1 st March 1 st March
25.	Arooba Rahat	PH Indicators on Decennial Celebrations	Department of Chemistry, GC Women University Sialkot	3 rd	1 st March 1 st March

GCWUS
OUR
PROUD





Chapter: 12

Finance



Chapter-12 Finance

12.1 Financial year at a glance

SUMMARISED BUDGET PROFILE					
Revised Estimates FY 2021-22 & Budget Estimates FY 2022-23					
Name of the University: GOVT COLLEGE WOMEN UNIVERSITY SIALKOT					
[Million Rs.]					
Particulars	2020-21 (Actual)	CFY 2021-22		2022-23 (Budget Estimates)	
		Approved Budget	Revised Estimates		
Opening Balance:	129.458	229.792	229.792	294.219	
Receipts:					
a.	Federal Govt. (Recurring Grant Annual)	124.686	127.256	127.256	127.256
b.	Supplementary / Additional Grant (HEC)	-	-	-	-
c.	Federal Grant for Tenure Track Faculty	5.600	24.274	11.722	20.968
d.	Federal Grant for IPFP Faculty	4.530	7.200	2.000	8.400
e.	Provincial Govt. (Recurring Grant Annual)	65.375			-
f.	Any Other Grant	2.162	5.000	4.881	5.000
g.	Own Resources	357.735	489.858	455.574	611.472
A. Total Available Resources		689.546	883.379	831.224	1,067.315

Expenditures					
a.	Total Establishment Charges	291.844	452.286	310.094	501.274
b.	Total Non Salary Expenses	167.910	375.325	226.912	469.991
B. Total Expenditures		459.754	827.611	537.006	971.265
C. Surplus / Deficit [A - B]		229.792	55.768	294.219	96.050

12.3 Audit Report

No Audit conducted by the AGPR during the FY-2022-2023.

12.4 Development Budget

In FY 2022-2023 the University received of **Rs. 60.00 million** as revenue component of Higher Education Department’s approved project “Construction of Building of Government College Women University Sialkot on Acquired Piece of Land”.

The university was received development budget of **Rs. 200.000** million on account of Higher Education Commission’s approved project “Essential Facilities Government College Women University Sialkot”.

12.5 Recurring Budget

In FY 2022-2023 the university incurred total expenditures of **Rs. 971.265** million. The university managed its expenditures within its available resources i.e. total expenditures of **Rs 971.265** million against the total revenues of **Rs. 1067.315million**.

12.6 Self-Generated Income

In FY 2022-2023 the university generated of **Rs. 611.472 million** from their own sources includes student fee, hostel fee, transport fee and other misc. fees.

12.8 Trend of per student spending:

Description	Total Enrollment	Actual Expense	Cost Per Student
a. Salary Expense Basis	7902	501,274,000	63,436
b. Non-Salary Expense Basis	7902	469,991,000	59,477

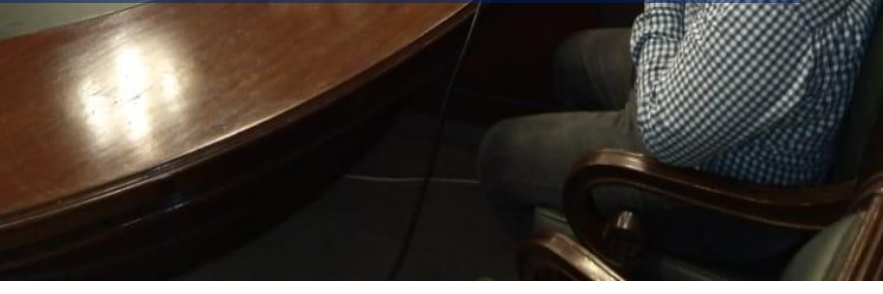
Details of Scholarships during 2022-2023

Sr.	Type Of Scholarship	Scholarship Detail	
		2022-2023	
		Number of Scholarships	Amount Rs.
1	Ehsaas Scholarship Undergraduate Program Phase-III	94	13,569,964
	Ehsaas Scholarship Undergraduate Program Phase-II	469	36,919,168
2	Ehsaas Scholarship Undergraduate Program Phase-I	364	29,044,544
3	Rehmatul-lil-Alameen	13	192,400
4	HEC Need Based Scholarship	71	5,727,000
5	Punjab Educational Endowment Fund (PEEF)	50	5,520,000
6	MORA Scholarship	81	912,000
7	Pakistan Bait-ul-mal	22	500,000
8	University Own sources (FSF)	68	420,000
TOTAL		1,232	92,805,076/-



Chapter: 13

University Governance



Chapter-13 University Governance

13.1 Syndicate

The Syndicate is an executive body of the University. The recommendations of the Academic Council, Finance & Planning Committee and Selection Board, are reviewed by the Syndicate and decisions are taken accordingly. The Syndicate of the University has been constituted as per the GCWUS's Act 2012, the Pro-Chancellor being the Chairperson of the Syndicate.

A meeting of the Syndicate i.e. 17th was held during the reporting period, wherein various policy decisions were taken on matters related to academics and administrative functioning of the University. Details are appended below:

University	Name of Statutory Body (Meeting)	Meeting Held on (DD/MM/YYYY)	Venue of the Meeting
Government College Women University Sialkot	17 th Syndicate	21 st March, 2023	Committee Room, New Minister Block, Civil Secretariat, Lahore

13.2 Academic Council

The Academic Council is the academic body of the University and may lay down proper standards of instruction, research, publications and examinations. The council has the responsibility for reviewing all University Academic programs and related matters. The Council receives from various departments' proposals and policy decisions regarding their respective programs. Academic Council is a policy-recommended body, which initiates studies and reviews in consultation with the respective faculty boards. Academic Council is constituted as per the GCWU Sialkot's Act 2012 with Vice Chancellor being the Chairperson. A meeting of the Academic Council was also held during the reporting period. Details are appended below:

University	Name of Statutory Body (Meeting)	Meeting Held on (DD/MM/YYYY)	Venue of the Meeting
Government College Women University Sialkot	9 th Academic Council	28 th November, 2022	Syndicate Room, GCWUS

13.3 Board of Advanced Studies and Research (BASR)

The Board of Advanced Studies & Research Board (BASR) is the body that deals with the matters connected with the promotion of advanced studies and research in the University. The purpose of the Board is to recognize, facilitate, promote research, appoint supervisors for postgraduate research students, approve the title and synopsis of a thesis at the University. The BASR is constituted as per the prescribed constitution given in the GCWU Sialkot's Act 2012 with Vice Chancellor being its Chairperson. Four meetings of the BASR i.e. 8th, 9th, 10th, & 11th were held during the reporting period, as appended below:

University	Name of Statutory Body (Meeting)	Meeting Held on (DD/MM/YYYY)	Venue of the Meeting
Government College Women University Sialkot	8 th Meeting of BASR	4 th & 5 th May 2023	Syndicate Room, Admin Block, GCWUS
	9 th Meeting of BASR	08 th May 2023	Syndicate Room, Admin Block, GCWUS
	10 th Meeting of BASR	12 th June 2023	Syndicate Room, Admin Block, GCWUS
	11 th Meeting of BASR	24 th June 2023	Syndicate Room, Admin Block, GCWUS

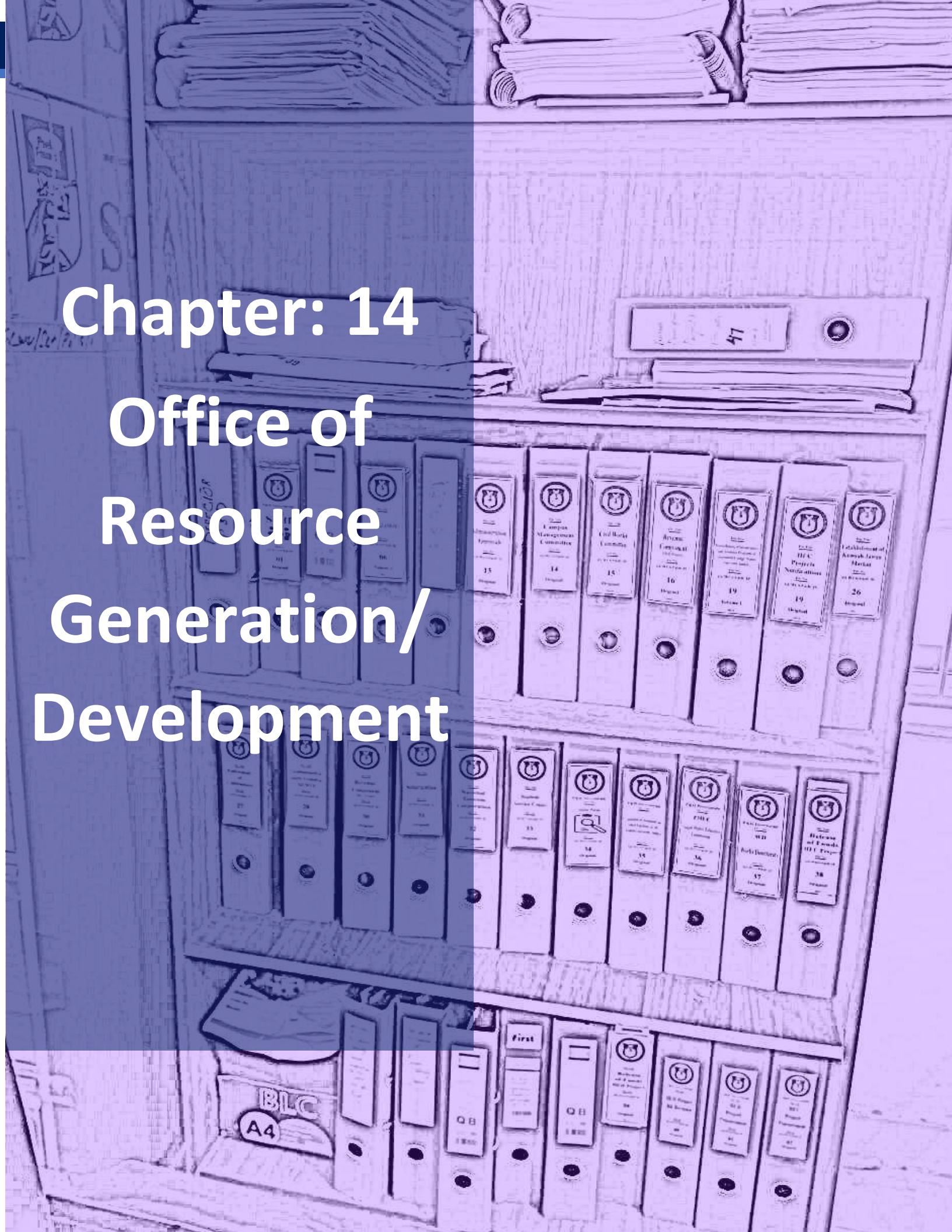
13.4 Finance & Planning Committee

Three meetings of the Finance & Planning Committee i.e. 21st, 22nd, 23rd, and 24th were held during the reporting period, as appended below:

University	Name of Statutory Body (Meeting)	Meeting Held on (DD/MM/YYYY)	Venue of the Meeting
Government College Women University Sialkot	21 st Meeting of Finance & Planning Committee	21 st December 2022	Video Conference Room, GCWUS
	22 nd Meeting of Finance & Planning Committee	24 th February 2023	Video Conference Room, GCWUS
	23 rd Meeting of Finance & Planning Committee	03 rd July 2023	Video Conference Room, GCWUS
	24 th Meeting of Finance & Planning Committee	14 th September 2023	Video Conference Room, GCWUS

Detail of Faculty Members

Designation	Academic Qualification									Total
	PhD			MS/MPhil			MA/MSc/BS (Hons)			
	M	F	Total	M	F	Total	M	F	Total	
Professor	5	1	6	-	-	-	-	-	-	06
Associate Professor	13	04	17	01	-	01	-	-	-	18
Assistant Professor	18	36	54	00	01	01	-	-	-	55
Lecturer / Associate Lecturer	05	17	22	03	86	89	-	06	06	117
Total:	41	58	99	04	87	91	-	06	06	196



Chapter: 14

Office of Resource Generation/ Development

BLC
A4

QB

First

QB

QB

QB

QB

QB

Chapter-14 Office of Resource Generation/ Development

14.1 Initiatives and Implementation

In GCWUS, the management offices, i.e., the Deans, the Registrar, Controller of Examination, Treasurer, Director (Academics), Director (Planning & Development), Director (Quality Enhancement Cell), Director (Student Affairs), Incharge ITSC, Director (Research) and Director (ORIC) are playing a vital role for creating human resource development in consultation with Vice Chancellor. The Office of the Vice Chancellor and the Registrar Office are the key offices to take-up important decisions to run the university affairs in a better way and maintain a conducive working environment. All these offices provide all kinds of support to academic Deans Offices for executing their academic work on a day-to-day basis and reshaping the academic policies according to modern era requirements. These offices are responsible for defining academic and research rules & procedures, recruitment of faculty & staff, students' academic affairs and are liable to guide and implement future initiatives. Following have been the key initiatives with their implementations:

- Provision of student's service facilities to the students
- Started construction of first floor of student hostel which will accommodate 204 students from far-flung areas
- Started construction of two-storey building of Library
- Construction of 18 residences for university employees, i.e. grade 1 to 18
- Started external development work i.e (Roads, Sewerage system and Overhead electricity) at Imam Bibi campus
- Established guest house at GCWUS (Main Campus)

14.1.1 Initiatives Taken During COVID-19

- Training of faculty members on MS Team, LMS and Zoom regarding online classes
- Training of students on MS Team, Zoom regarding online classes
- Tele-Psychological Counselling Services
- Online classes of all degree programs during COVID-19
- A series of online Webinars by International Speakers

- Webinars and online training courses attended by the faculty members.
- Constitution of Online Adhoc Committee.
- Conduction of online meetings of statutory bodies and different meetings with head teaching, non-teaching departments, faculty members and different offices outside the university like HEC, PHEC etc.
- Online participation in extracurricular activities and events
- Online Viva-voce examination of MS thesis students

14.2 Future Plans

GCWUS is growing rapidly due to the increasing number of students, infrastructural development and newly launched degree programs in various disciplines. Following initiatives are included in future planning:

- To start BS Programs in Communication Studies and Law
- To prioritize the projects of research and faculty development
- To launch Journals by Zoology, Business Administration and English
- To initiate Organic Farming of Vegetables and Fruit (a Project by Botany Department)
- To establish the lawns and plantation of trees at Imam Bibi campus
- To ensure Faculty Development and Financial Growth of Departments
- To further enhance the quality of education through teaching and research
- To offer on-campus Training to faculty and Staff
- To offer solution-oriented learning through collaboration with business and social communities
- To facilitate the arrangement of Annual Research Conferences by different departments
- To provide electricity facilities through Express Feeder
- To provide transport facilities for the students of far-flung areas
- To lay the Fiber Optic cables (Networking & Security Servilance) at Imam Bibi Campus
- To ensure the provision of Sui Gas facilities at Imam Bibi campus
- To ensure the development of External Services at Imam Bibi Campus
- To construct the faculty and staff residences as well as hostels for students
- To construct a Sports complex and Establish Sports grounds
- Construction of Mosque

- Construction of Academic Block
- To have Fish Farming at Imam Bibi Campus (a Project by Zoology Department)
- To construct water reservoirs to save rainwater for irrigation purposes at both campuses
- To construct Student Services Centre
- To Repair university roads & pathways
- Provision of Guest House facilities at both campuses
- To establish medical center at Imam Bibi campus
- Extension and maintenance work at hostel
- Construction of first floor of Natural Sciences block at Imam Bibi campus
- To establish foot paths and walkways at Imam Bibi campus
- To install solar power system and become a carbon neutral university



GC WOMEN UNIVERSITY SIALKOT
DEPARTMENT OF PSYCHOLOGY

TRAINING WORKSHOP ON
PSYCHOLOGICAL FIRST AID



Chief Guest
 Prof. Dr. Rukhsana Kausar
 Vice Chancellor, GC
 Women University Sialkot.

Resource Person
 Ms. Naima Hassan
 UN Certified Trainer and Stress
 Counsellor at United Nations
 Department of Safety and
 Security

13 DECEMBER 2021
 9:30 AM

VENUE:
 VIDEO CONFERENCE
 ROOM GC WOMEN
 UNIVERSITY SIALKOT

VISIT:
www.gcwus.edu.pk

ORGANIZER:
 DEPARTMENT OF
 PSYCHOLOGY GCWUS



Chapter: 15

Health Centre/ Medical Facilities



Chapter-15 Health Centre/Medical Facilities

15.1 Medical facilities

The university has a functional medical facility in the campus to deal with local emergencies.

104.2 Psychological wellbeing Centre:

GCWUS has established a psychosocial well-being Centre at university as an important step to provide support to all students, faculty and other staff which they need to cope with challenges of life and to achieve excellence in all aspects that are associated with the personal as well as university life. This is a first point of contact if a student is experiencing academic problems, adjustment issues and emotional or psychosocial concerns. The counsellor can help students discover new ways of dealing with everyday challenges and to gain control over thoughts and emotions. Psychosocial well-being Centre at University is providing counseling to all students, who are experiencing any problem related to their well-being and provides an opportunity to share their concerns, thoughts and feelings in a safe place and helps students to overcome any academic, emotional, or personal hurdles to empower them to draw on their passions, lead a life full of success and happiness and to reach their full potential.

15.3 Counseling for Stress Reduction

Well-being Centre at GCWUS is working to help students, faculty and other staff, to understand and cope with every day challenges and also helps them to think clearly so that they can effectively overcome associated stress. Although a counselor cannot fix the issues of others, he/she can provide an aid for moving through the process. Moreover, she can facilitate learning healthy life skills to handle the stress and lead a productive life. The Counselor works meticulously to have thorough understanding of each student in order to prepare them to overcome the hurdles that are creating hindrance in their academic achievement and to share insights and steps of action that could bring hope, healing, and better emotional and psychosocial well-being.

Services available to students, faculty and staff include:

15.3.1 Individual Counseling

A variety of problems can be dealt better by interacting on one on one basis with a counselor. In individual therapy a person can share his/her personal issues in confidential way and it can contribute in personal development as well as in better decision making. The counselor and the student work collaboratively to recognize and discuss personal challenges and to achieve mutually agreed objectives. Sessions generally last 30 - 45 minutes one or two times per week.

Common reasons why students seek out Counselling include:

- Issues related with online learning.
- Extreme cleanliness practices/OCD
- Illness anxiety
- Uncertainty and increased concerns about education during pandemic
- Financial concerns
- Re-engagement/Readjustment in social life
- Illness, grief and loss.
- Difficulties in interpersonal relationships
- Sleep disturbance
- Life transition and adjustment issues.
- Family issues
- Lack of social support
- Loneliness
- Mood swings
- Lack of educational concentration
- Addictive behaviors
- Anxiety, stress or Depression.
- Suspiciousness/Trust issues
- Violence and abuse
- Eating disorders
- Hopelessness
- Low self-esteem
- Time management
- Performance anxiety/ Fear of negative evaluation
- Coping and Fulfilling expectations of family

15.3.2 Guidance programs/Lectures

The psychosocial well-being center has planned guidance programs which include activities, lectures, workshops and seminars. These are designed to achieve balanced growth in all aspects: academic, personal, social or cultural aspects of life and to improve the abilities of students to their full potential by providing with the knowledge, the required study skills, and the critical living skills.

Lectures and workshops on a range of different topics.

- How to manage Exams Anxiety
- Healthy vs unhealthy attachment patterns
- Healthy vs unhealthy coping mechanisms
- Balance use of mobile and other gadgets
- Problem solving skills.
- Healthy eating, sleeping and exercise activities.
- Procrastination
- Good Listening & Communication Skills in class
- Decision making
- Building Self confidence
- Effective time management and study Habits
- Stress management
- Anger management
- Building Resilience
- Prosocial behaviors
- Ethical and moral issues
- Emotional intelligence
- Social intelligence
- Emotion regulations skills
- Assertiveness training

15.4 Seminar/ workshop

Seminar was also organized on a range of different topics for students, faculty and staff.

15.4.1 Seminar Organized

SN	Department	Title of Workshop	National / International	Funding Agency / Collaborators	Resource Person/s	Date
1.	Psychosocial Well-Being Centre	Suicide Prevention: creating hope through action	National	GCWUS	Dr. Syeda Sadia, Assistant Professor, Institute of Islamic studies, GCWUS. Ms. Sara Ishaq, Clinical Psychologist, Punjab Institute of Mental Health, Lahore.	28 Sep, 2022

15.3.3 Workshops Attended/Conducted (e.g as Chief Guest, Resource Person or Participant)

SN	Name	Title of Workshop	National/ International	Organized by	Date
1	Ms. Maryum Arifeen	Efficacy of Counseling Services for Students; Faculty Development Program	National	GC Women University Sialkot	22 Jun, 2022
2	Ms. Maryum Arifeen	Clinical Case Formulation	National	Department of Psychology	12 Aug, 2022
3	Ms. Maryum Arifeen	Advanced Data Analysis through Structural Equation Modeling using AMOS	National	Department of Psychology	21-22 Jun, 2022

15.5 Tele Psychological Services during COVID-19

During the time of pandemic, when there were different issues of uncertainty, hopelessness, trauma, depression, and more severe consequences of suicide. GC Women University had contributed to help and support the public in order to deal with the psychological crisis and enhance psychological well-being. The Department of Psychology, GCWUS initiated a Tele- Psychological Support Services for the community. Under the leadership of the Vice-Chancellor, GC Women University Sialkot, Dr. Umara Rauf, along with her well qualified and trained team of Clinical Psychologists and eminent scholars from the Department of Arabic and Islamic Studies Department provided Tele-Psychological Support Services for patients, quarantined individuals, families, and general masses. Now in time of natural calamity of flood when people were facing issue of secondary trauma, depression, anxiety. Tele- Psychological Support Services for the community were initiated once again to help people deal with psychological crisis and enhance their resilience.





Chapter: 16 Different Events



Chapter-16 Different Events

16.1 Different Events / Visits held during Oct 2022-Sep 2023



MOU Signing With U Learn



MOU Signing With University of Sialkot



MOU Signing With Nonehaal Children Complex



MOU Signing With Khazar University Baku



MoU Signing with Bunyad Foundation



MoU Signing with Sialkot Tannery Zone Association



Plantation Drive and Independence Day Celebrations on 14th August 2023





Relaunching the University Transport





Flood Relief Campaign at GC Women University Sialkot





Government College Women University, Sialkot



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