



ANNUAL REPORT 2019-20

THE WOMEN UNIVERSITY MULTAN



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Vice Chancellor's Message

The Women University Multan aspires to promote distinctive world class education and research to cultivate and enhance academic and professional development of the students. The Women University Multan has a diverse environment that is welcoming and inclusive for all students, faculty, and staff. The main purpose of the university is to provide strong foundations for teaching and learning, exploring students' and faculty's hidden potentials, nurturing of skills and creativity needed to face the challenges of the 21st century. The university is also committed to train and educate women in order to help them locate themselves in the professional field of their choice. More importantly, we aim to help them become self-leaders and good citizens, empowered individuals who are aware of their rights and responsibilities in society and are well equipped to fulfill their diverse roles effectively.

The Women University Multan seeks to accelerate national progress by producing graduates who are leaders in sciences, social sciences, education, health sciences, business, law and languages. The university, therefore, is focusing all efforts to start disciplines such as engineering, law, arts, pharmacy and medicine. Allied disciplines among other imaginative academic programs including clinical care and the creative arts are also part of the planned future ventures of the university.

The Women University Multan is blessed with a dynamic community of faculty dedicated to teaching, mentoring, research, innovation and discovery. Our alumni and friends enrich students' lifelong relationship with the university expanding collective contributions to the society and progress of the country.

We proudly embrace our leadership position for women in the historic and spiritual city of Multan and also in the nation by making our community a model for partnership among academic, civic, cultural, health care, business and service organizations.

I believe that the cycle of continuous improvement will continue at the Women University Multan to ensure career-oriented education and learning that is vital for individual identity and women empowerment. The university is committed to contribute to the advancement of learning and knowledge as we look towards future.

Covid-19 pandemic situation posed unprecedented challenges to the university and also to the whole world. I strongly believe when communities join hands for common good with compassion and commitment, then it becomes possible to find solutions to the challenges that have a lasting impact. I wish a very successful academic experience to all who have joined the community of the Women University Multan with the hope to make their dreams a reality. The university would utilize all its resources, experience and potentials to deliver excellence in the field of education, training, innovation, entrepreneurship and research. Our motive is ever evolving educational and research centered goals and initiatives in line with our vision, mission. core goals and moral values.

May Allah bestow upon us His blessing and favors to make this university a grand center of knowledge and learning.

About the University

Located in the heart of the historic and spiritual city of Multan, The Women University Multan (WUM) has the distinction of becoming the first university for the women of Multan. To keep pace with the ever-growing demand for educational reforms, a persistent evolutionary process is needed that can transform a newly established university into a hub of knowledge. In order to reap the benefits of knowledge dissemination, a proposal for setting up the university was designed that can serve the national interest in a broad framework. To compete on par with the global standards, a comprehensive and focused education revamp was demanded in the form of an institution that could serve the inhabitants of the city as well as the nation altogether. It could be a matter of elation for the local fraternity to find an institute of advanced studies in their vicinity, easily accessible to the female knowledge seekers.

The transition of the Government Postgraduate Women College into the Women University took place in 2012 under the Act approved by Punjab Assembly in 2010, transforming it into one of the campuses of WUM. Hence, the new women university has the advantage and privilege of carrying forward the incredible academic standing of the college. Another campus building at Mattital Road has also been completed for providing an ambitious plan of the university for the years to come. The Women University Multan has multifaceted goals and plans which it is committed to achieve in the years to come. In its own role, the university emphasizes the exploration of values, sense of community and grooming of the talent of the students. For this purpose, the university has given the opportunity to those individuals in the form of faculty who could serve as inspiring mentors and role models. More importantly, it is offering ground breaking research facilities to excel in meeting the global challenges of the future. The mission is to highlight the importance of education which can serve as a gear to empower women.

The primary purpose of the Women University Multan is to provide a learning environment in which faculty, staff and students can discover, examine critically, innovate and create the knowledge, wisdom and values that will help ensure the survival of this and future generations and improve the quality of life for all. The university seeks to help students to develop perspectives and appreciation for the complex cultural and physical worlds in which they live and to realize their highest potential in terms of intellectual, physical and human development.

It also strives to attract students from diverse social and economic backgrounds. It aims to be committed and responsive to those communities of women who do not have easy access to higher education. To this end, the university offers broad and balanced academic programs that are mutually supportive and emphasize high quality and creative instruction at the undergraduate, postgraduate, graduate and professional levels.

The university maintains a high level of excellence and standard in all programs that provide students with opportunities to engage in research and activities of national and international significance. The main focus of the university is to attract, educate and equip students to take up best informed career and social choices.

University offers BS, M.Sc/MA, M.Phil. and Ph.D programs in various disciplines under semester system.

In the initial stages, WUM was only housed in the Katchery Campus of Government Degree College for Women, Multan. But this space was insufficient for university activities. The realization of this need led to the establishment of a new campus which is situated at Mattital road, Multan. Mattital campus building is almost complete. Administration block, central library, cafeteria, medical center, security set up/panel, sewerage

system/lines, roads/pathways, boundary wall have been completed. The faculty and students' hostels are also ready for accommodation. Since 2017, Departments of Botany, Zoology, Environmental Sciences and Microbiology and Molecular Genetics have been shifted to Mattital Campus. Remaining departments are planned to be shifted to the Mattital Campus in the next phase soon, IA. University buses and shuttle service are available from Katchery Campus to Mattital campus for the staff and students.

Executive Summary

The Women University Multan, since its inception in 2013, has transformed into one of the premier institutions of national recognition through imparting quality education with research in the disciplines of Social Sciences, IT, Management Sciences, Life Sciences, Languages and Religion. The university has leaped forward in academics by offering undergraduate, postgraduate, MS/M.Phil and Ph.D Programs. Departments of Biochemistry and Biotechnology, Botany, Zoology, Environmental Sciences and Microbiology and Molecular Genetics have been successfully running in Mattital Campus. The rest of the departments are successfully running in the Katchery Campus. University buses and shuttle service are available from Katchery Campus to Mattital campus for the staff and students.

During the academic year 2019-20, faculty members regularly attended national/international conferences/workshops/seminars/ symposiums to share/transfer knowledge in different scientific fields within the country and globally. The faculty members were also encouraged to improve their qualification and visit universities abroad to update their technical and subject-based knowledge from international universities/ institutes; some of them have returned and are serving the university. During the year, faculty members of different departments of the university obtained short term training, doctoral/post-doctoral fellowships and executed research work in UK, USA and Germany among other countries. Since March 2020, due to COVID-19 pandemic, the faculty immediately got engaged in online teaching and braved the challenge with great courage and competence. Webinars, online national and international workshops, lectures and research workshops were arranged by different academic departments.

The Women University Multan is following National Quality Assurance Practices based on HEC's QAA guidance in formulating academic procedures including programme design, teaching and learning student engagement, internal examination and research. The Women University Multan is continuously striving for the quality enhancement of its programs through increasing linkages, strengthening collaborations and building institutional image. The provision of better research facilities encouraged the faculty to publish quality research papers in national and international reputed journals. Until now, 09 MoUs have been signed between WUM and different institutions and organizations for academic and research sharing. University is offering PEEF, need-based scholarship, Bait-ul-Mal, EHSAAS and foreign scholarship to the deserving students from Government of Punjab, HEC and its own resources. The university has established linkages with the industries for promoting entrepreneurship besides establishment of university-industry consortia and business incubation center. University has also geared up its resources to further enhance its role in increasing employability for students of all disciplines.

The Office of Research Innovation and Commercialization (ORIC) has been structured and re-engineered to meet the HEC requirements and to reach out to the relevant industry to help research and innovation find direction and purpose. The research activities have also been stepped up with the launch of 10 academic journals; the first issue of all these journals came out in June 2020. These journals are being developed further under ORIC to reach out to the most relevant and useful audience. Six national and international conferences

have been organized during the year in collaboration with leading universities of the country alongside governmental and non-governmental national and international organizations to enhance the learning experience of the participants and students.

There has been 60% increase in research publications by the faculty. Four research students have been awarded Ph.D degree. 12 new students have started their Ph.D degree research, despite the fact that 4 of the Ph.D programs were given a halt status due the shortage of the teaching faculty. The university is unable to induct new faculty as the service statutes of the university are under approval process. The university will start the faculty induction as soon as the service statutes are approved by the competent authority. Faculty members have presented papers in national and international conferences. Webinars and interviews with eminent scientists and professionals further expanded the learning experiences of the faculty and students.

Academics and student engagement through training and outreach program has been another important focus of the Women University Multan. Boot camps for entrepreneurship training and other online training sessions marked the year for students and faculty. Curriculum review and cataloging has also been a focus. Under student engagement and learning experience, visits to leading educational public and private organizations helped students develop important academic and research links. Visits to LUMS, Lahore, and NUST, Islamabad, were particularly appreciated by the students. Web TV, Web Radio, social media channels including Facebook platform have been established to keep students, faculty and staff actively engaged with university by becoming active participants through this media network.

The Women University Multan strives to be a professional organization with appropriate policy making and a set up with efficient mechanism for good governance and operations. Each administrative and academic department has been restructured for more effective and efficient operation and functions. Training of HR and faculty are considered a significant contributor in the overall development of the university. Staff and faculty have attended training sessions regularly to upgrade their skills and knowledge about their specific area of working. On the whole, the Women University Multan is committed to play its part in the training and nurturing of students, faculty and HR as human capital for the development of the country.

VISION, MISSION, CORE GOALS, & VALUES

The Vision, Mission, Core Goals, and Values for the university were collectively and inclusively developed. Academic Council in its 7th meeting revised and recommended them for the final approval from the Syndicate. The Syndicate in its 23rd meeting approved the recommendations of the Academic Council.

Vision

The university aspires to play a leadership role in the pursuit of excellence in higher education for women to promote discovery, innovation and entrepreneurship to unleash highest potential of the graduates.

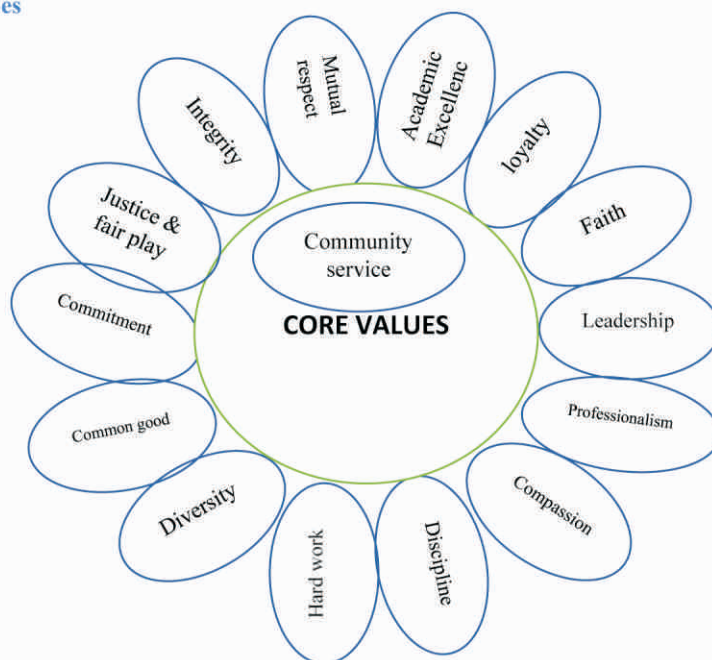
Mission

Our prime purpose is to serve as a catalyst for the progress of women by providing excellent learning environment for quality education to produce graduates who are distinguished by their ability to create and preserve knowledge, professional competence, leadership, pragmatic and good citizenship, ethical rectitude and entrepreneurship.

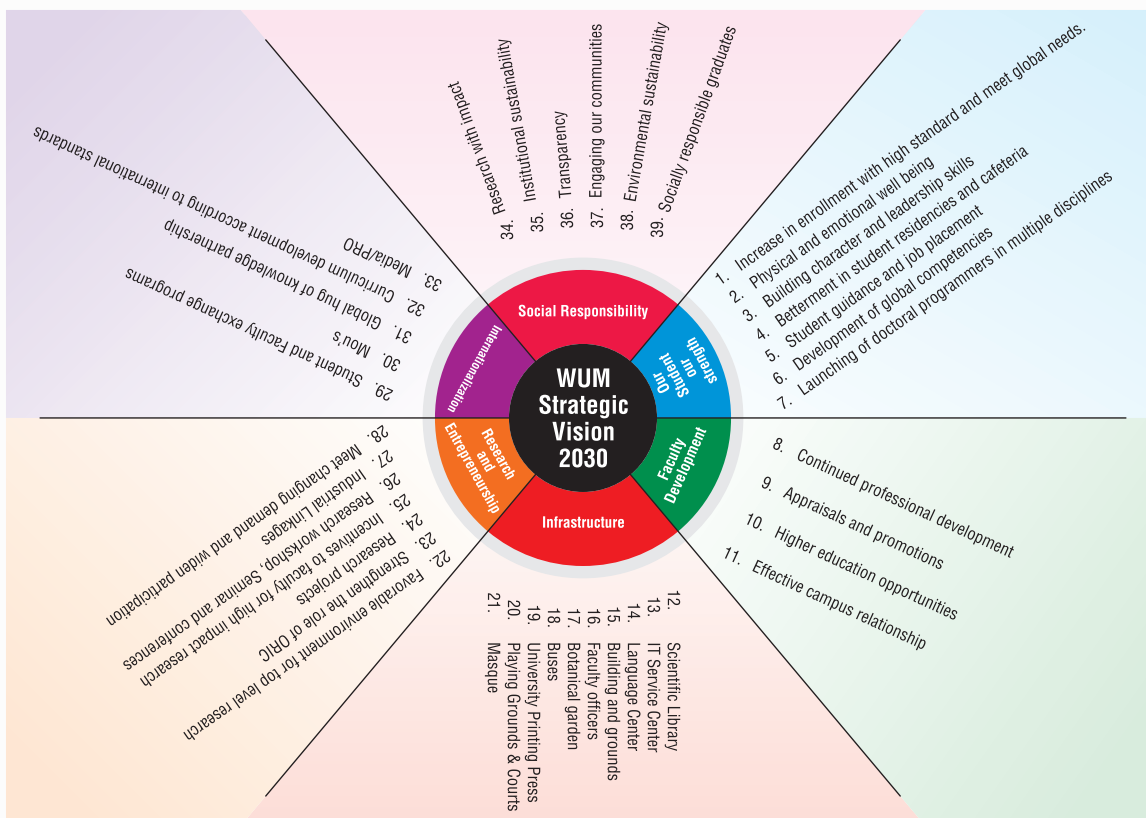
Core Goals

1. Attract and serve students from diverse social, economic and ethnic backgrounds in order to be sensitive and responsive to the underprivileged to provide them access to quality higher education
2. Provide cutting-edge teaching, research and mentorship that can empower students to achieve their fullest potential for becoming a catalyst in the development of their community and nation at large
3. Offer broad and balanced academic programs at the undergraduate, graduate, professional and postgraduate levels to develop critical thinking, desire for discovery, innovation and creativity
4. Establish strategic collaborations with reputable national and international institutions for capacity building
5. Develop entrepreneurship ecosystem and social mobilization by addressing immediate and long-term needs of the society.

Core Values



WUM Strategic Vision 2030



CHAPTER 1

ACADEMICS

The Women University has five faculties, namely, the faculty of Social Sciences, Faculty of Life Sciences, Faculty of Sciences, Faculty of Religion and Languages, Faculty of Economics, Commerce and Management Sciences. Leadership of each faculty has been engaged in the uplift of its academic department (Organogram). There has been consistent increase in the student enrolment despite scanty resources. The real strength of the university is its faculty and research-oriented approach which played a significant role in changing public perception about the importance of higher education for the women of the region.

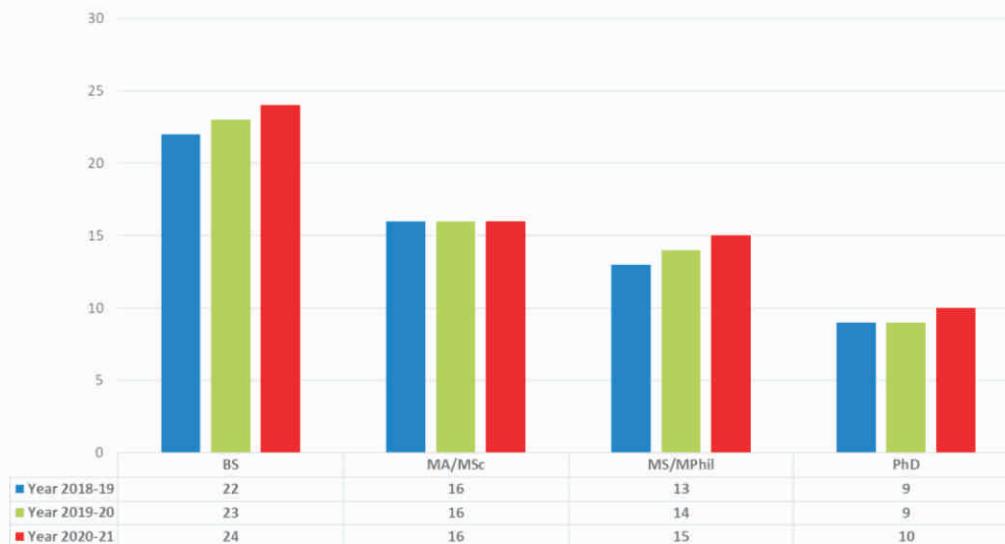
Degree Programs at WUM

Undergraduate /BS-4 Years	
BS Applied Psychology	BS Environmental Sciences
BS Arabic	BS History & Pakistan Studies
Bachelor in Business Administration (BBA)	BS Islamic Studies
BS Biochemistry	BS Mass Communication
BS Biotechnology	BS Mathematics
BS Botany	BS Microbiology and Molecular Genetics
BS Chemistry	BS Physics
Bachelor of Science in Computer Science	BS Political Science & International Relations
Bachelor of Science in Information Technology	BS Sociology
BS Economics	BS Statistics
BS Education	BS Urdu
BS English	BS Zoology

Degree Programs at WUM

Postgraduate (M.Sc./MA)	Postgraduate (M.Phil)	Ph.D
Applied Psychology	Botany	Chemistry
Arabic	Biochemistry	Physics
Chemistry	Biotechnology	Microbiology and Molecular Genetics
MCS	Chemistry	Botany
MIT	Economics	Urdu
Economics	English	English
Education	Environmental Sciences	Economics
English	Islamic Studies	Islamic Studies
History & Pakistan Studies	Microbiology and Molecular Genetics	History and Pakistan Studies
Islamic Studies	Physics	Zoology
Mathematics	Statistics	
Physics	Urdu	
International Relations	History and Pakistan Studies	
Sociology	Zoology	
Urdu		
Zoology		

Number of Academic Programs



FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF APPLIED PSYCHOLOGY

Overview

Department of Applied Psychology was established in 2013. This department offers BS Applied Psychology (4-years) and M.Sc. Applied Psychology (2 Years). Submission of a large number of applications for admissions in different programs each year is indicative of not only the reputation of the subject of Applied Psychology but also of the quality of teaching and research in the Department of Applied Psychology. The scope of the program is to prepare the students for careers in teaching, health, assessment, research, community services to meet the demand in different sectors such as Industry, Military, Government, Mental Health, Social Welfare, Counselling and Guidance Centers, Educational Departments, Prisons, NGOs and Police and Rescue Departments.

Degree Programs

BS Psychology is running successfully in the Department. 33 students were admitted during the session 2019-2020.

M.Sc. Psychology is running successfully in the Department. 46 students were admitted during the session 2019-2020.

DEPARTMENT OF ART AND DESIGN

Overview

Multan is a city rich in history and famous for its arts, crafts and unique culture. The Department of Fine Arts was established in 1976. In 1985, the Fine Arts graduation program was started in view of the keen interest in the discipline. However, during transition period from Postgraduate College to Women University Multan, intake in the department reduced considerably, with college faculty members either repatriating or retiring. The department came to a halt as it required efforts to revive it. In the year 2019-2020, the department focused on redesigning the curriculum keeping in view the HEC guidelines. A complete BS program and diploma in Art and Design has been developed. Diploma in Art and Design will be launched in Spring, 2020, and BS in Art and Design in Fall, 2021. The main aim of these programs is to develop in the students an aesthetics sense and demonstrate a free and bold style of drawing and painting. Students will be encouraged to develop their skills and free up their line and styles in different media and they will be imparted comprehensive knowledge about the history of civilization and its arts, crafts and architecture.

The Arts and Design students of Intermediate section participated in painting/poster competition under topic “Haq Say HaqdarTak (Safer Charity)” by Ministry of Information. Its prize distribution ceremony was held on 3rd May, 2019, in old University Hall and students secured first and third positions at district level.

DEPARTMENT OF EDUCATION

Overview

The Department of Education has always focused on the promotion of research culture. In this regard, faculty members contribute actively by publishing research papers in National and International Journals. The faculty has a motive to impart quality education in order to produce quality leaders to uplift the standard in the international scenario. The Department of Education is playing a pivotal role to serve the student community focusing on leadership qualities to work productively in modern era of 21st century. Different workshops to enhance learning and pedagogical skill of teachers are conducted in the department from time to time. The Department of Education has been offering various Teachers Training programs at postgraduate level. The department is also planning to introduce a well-equipped Micro Teaching Laboratory and Seminar room to

Degree Programs

BS Education is running successfully in the Department. 42 students were admitted during the session 2019-2020.

M.A. Education is running successfully in the Department. 42 students were admitted during the session 2019-2020.

DEPARTMENT OF HISTORY & PAKISTAN STUDIES

Overview

The Department of History was established in 1947 and it was one of the leading departments of Arts & Humanities in former Govt. College for Women Multan at intermediate and degree levels. It has been offering postgraduate classes in History since 2005 and it initiated BS (4Years) in 2010.

The importance of History is in its capacity to help one draw conclusions from the past events. It may be said that history is to the human race, what memory is to each human being. It sheds light of the past upon the present, thus helping one to understand oneself, by making one acquainted with other people. Also, as one studies the rise and fall of empires and civilizations, the lessons of the past help one to avoid the pitfalls of the present.

It preserves the traditions and cultural values of a nation, and serves as a beacon of light, guiding society in confronting various crises. History is indeed, as Allen Nerins puts it, “a bridge connecting the past with the present and pointing the road to the future.”

Degree Programs

BS History and Pakistan Studies is running successfully in the Department. 17 students were admitted during the session 2018-2019.

Masters in History and Pakistan Studies is running successfully in the Department. 10 students were admitted during the session 2018-2019.

DEPARTMENT OF MASS COMMUNICATION

Overview

We are living in an age of information explosion where technology has changed the way of handling information. Media has become the leading growing industry of Pakistan. It has become a force that supports the process of change required for the development of our country. Media's role in promoting democracy and good governance cannot be denied. A large number of media organizations have been rapidly set up in Pakistan during the past few years. The development and rapid growth of media industry have made a great scope for fresh graduates in the discipline of Mass Communication. Keeping in view the growth of media industry and increasing demand for skilled media persons in Pakistan and particularly in the region of Southern Punjab, The Women University Multan has initiated BS 4 Years Program so that our young graduates could start their career with confidence and they would be able to compete in the market in responsible manner in order to contribute to national development.

Degree Program

BS Mass Communication is running successfully in the Department. 31 students were admitted during the session 2019-2020.

DEPARTMENT OF POLITICAL SCIENCE & INTERNATIONAL RELATIONS

Overview

The Department of Political Science & International Relations was established in 2013 and introduced multiple programs of Bachelor and Master Degrees. Realizing the significance of this discipline, the Department of Political Science and International Relations has taken initiative to introduce one-year diploma program in International Affairs. Department provides the students with latest facilities for learning and research process including free Wi-Fi network facility, open access to HEC Digital Library and a well-equipped multimedia seminar room.

Degree Programs

BS Political Science and International Relations is running successfully in the Department. 39 students were admitted during the session 2019-2020.

M.A. Political Science and International Relations is running successfully in the Department. 07 students were admitted during the session 2019-2020.

DEPARTMENT OF SOCIOLOGY

Overview

The Department of Sociology at WUM is committed to empirically rich, conceptually sophisticated, and socially and politically relevant research, building upon the traditions of the discipline and playing a key role in the development of the social sciences into the new intellectual areas, social problems and ethical dilemmas confronting this age of globalization.

Degree Programs

BS Sociology is running successfully in the Department. 39 students were admitted during the session 2019-2020. M.A. Sociology is running successfully in the Department. 41 students were admitted during the session 2018-2019.

FACULTY OF SCIENCES

INSTITUTE OF COMPUTER SCIENCES & INFORMATION TECHNOLOGY

Overview

Established in 2013, the Institute of Computer Science and Information Technology has developed strong academic and research programs to become one of the leading establishments in this field. This institute has nine faculty members including one assistant professor and eight lecturers who are well versed to conduct academic and research activities at national and international levels. The Institute of CS and IT started MCS

(Evening) program in 2014, BS (IT) program in 2015 and MIT program in 2016. In 2017, students in MCS (M) were also enrolled. Our two programs BS (CS) and BS (IT) have been accredited with NCEAC (National Computing Education Accreditation Council), HEC (Higher Education Commission) since December, 2015.

Degree Programs

BS CS & IT is running successfully in the Department. 99 students were admitted during the session 2019-2020.

Masters in CS & IT is running successfully in the Department. 98 students were admitted during the session 2018-2019.

DEPARTMENT OF CHEMISTRY

Overview

The Department of Chemistry was established in 1953 and was working under the umbrella of Government Post Graduate College Multan. The Department has now been upgraded to offer BS (4-years), M.Sc., M.Phil/MS and Ph.D programs under The Women University Multan. Curricula have been developed under the guideline of Higher Education Commission to cover all the latest developments in the field of Chemistry. The Department has qualified faculty with diversified fields of interest. It has five divisions:

Inorganic Chemistry Division
Organic Chemistry Division
Physical Chemistry Division
Biochemistry Division
Analytical Division

Degree Programs

BS Chemistry is running successfully in the Department. 98 students were admitted during the session 2019-2020.

Masters in Chemistry is running successfully in the Department. 48 students were admitted during the session 2019-2020.

MPhil Chemistry is running successfully in the Department. 40 students were admitted during the session 2019-2020.

PhD Chemistry is running successfully in the Department. 04 student was admitted during the session 2019-2020.

DEPARTMENT OF MATHEMATICS

Overview

The Department of Mathematics, established in September 2013, is a core department within the Faculty of Science that aims to provide quality education to its students. The Department of Mathematics has faculty specialized in both Pure and Applied Mathematics. The Department of Mathematics offers BS (4 Years) and M.Sc. (2 Years) programs. There is a computer lab to assist students in developing their computer science and programming skills.

The department also offers grooming opportunities to its students by offering a range of co-curricular activities and healthy sports and academic competitions. The department annually holds sports gala and annual dinner for its students as well as speech, naat and other competitions. Seminars and workshops are also organized for the students on a variety of topics.

Degree Programs

BS Mathematics is running successfully in the Department. 98 students were admitted during the session 2019-2020. Masters in Mathematics is running successfully in the Department. 98 students were admitted during the session 2019-2020.

DEPARTMENT OF PHYSICS

Overview

The Department of Physics is the oldest seat of learning and imparting knowledge of physics at the intermediate and graduate levels in Southern Punjab. It has been imparting knowledge of Physics to the learners of this region since 1960. The BS Program was initiated in 2010. In 2013, the Department was merged in The Women University Multan. The Department has its own well-equipped laboratories and lecture rooms. To improve knowledge of students, there is a vast collection of books of physics in the main library.

The Department is conducting teaching and experimental work at BS, M.Sc., and M.Phil., Ph.D. levels. A well trained and dedicated faculty together with well-equipped laboratories make this Department one of the most accomplished departments. It is worth mentioning here that a reasonable number of students and graduates from this Department are working in prestigious organizations and serving the nation.

Degree Programs

BS Physics is running successfully in the Department. 48 students were admitted during the session 2019-2020. Masters in Physics is running successfully in the Department. 46 students were admitted during the session 2019-2020. M.Phil Physics is running successfully in the Department. 35 students were admitted during the session 2018-2019. Ph.D Physics is running successfully in the Department. 3 students were admitted during the session 2018-2019.

DEPARTMENT OF STATISTICS

Overview

The Department of Statistics is well equipped to conduct teaching/research activities under the supervision of highly qualified faculty members. BS 4-Years program was started in 2010 in the old Govt. Post

Graduate College for Women Kutchery Road Multan (GPCWM) that later merged into the Women University Multan on 24th February, 2013. In the very second academic year (2015-16) of the university, M.Phil. in Statistics was offered with full vigour. The first successful session of M.Phil. program passed out in 2017. A well-equipped computer laboratory and HEC smart university internet is facilitating the academic and research activities. The Department frequently conducts different workshops to enhance the learning of the statistical software packages and languages.

Degree Program

BS Statistics is running successfully in the Department. 48 students were admitted during the session 2019-2020. M.Phil Statistics is running successfully in the Department. 7 students were admitted during the session 2019-2020.

FACULTY OF LIFE SCIENCES

DEPARTMENT OF BIOCHEMISTRY & BIOTECHNOLOGY

Overview

Department of Biochemistry and Biotechnology was established in 2017 in The Women University, Multan, (WUM) with intentions to provide a stimulating and diverse teaching and research environment. Degree programs offered by the Department are BS Biochemistry (4-years) and M.Phil Biochemistry (2 years). The Department is projected to expand the knowledge and insight in science underpinning Biochemistry and Biotechnology principles. In addition, it will help to apply knowledge and skills in addressing problems in the study of animals, plants, microbes, industrial, environmental problems, health sciences and nanotechnology. The Department has highly qualified and competent faculty having Ph.D and M.Phil degrees and research experience from reputable national and international universities.

Degree Programs

BS Biochemistry is running successfully in the Department. 45 students were admitted during the session 2019-2020. M.Phil Biochemistry has been started in the Department. 29 students were admitted during the session 2019-2020.

DEPARTMENT OF BOTANY

Overview

The Department of Botany started BS 4 years program in 2010 in Government Postgraduate College for Women Multan which was later on upgraded in 2013 and the BS program continued under The Women University Multan. Formerly, the department was located at the Katchery Campus of The Women University Multan. Now, it has been shifted to the new Mattital Campus which is near and opposite to new katchery at Mattital Road, Multan. The curriculum of BS 4-years program has been developed under the guideline of Higher Education Commission to cover all the latest developments in the field of Botany. Teaching laboratories in the Department are reasonably equipped with scientific equipment. An adequate collection of text books and reference books is also available in the library. The Department has highly qualified faculty.

Degree Programs

BS Botany is running successfully in the Department. 60 students were admitted during the session 2019-2020. M.Phil Botany is running successfully in the Department. 24 students were admitted during the session 2019-2020.

DEPARTMENT OF ENVIRONMENTAL SCIENCES

Overview

Environmental Sciences is a science-oriented field and adopts an interdisciplinary approach to fulfill the desired need and provides students with a holistic approach for environmental research and investigation to generate knowledge.

Environmental Sciences aims to understand the environment using input from a wide variety of science disciplines including Biology, Chemistry, Geography, Earth Sciences, Physics and Engineering in conjunction with social sciences like Economics and Human Geography. This understanding can be applied to the assessment and solution of environmental problems caused by human activity.

Environmental Sciences focuses on environmental effects of human activity and is dedicated to protect and restore natural heritage, minimizing human impact and restoring environmental degradation. Our central philosophy is commitment to interdisciplinary teaching and research that will better enable our society to manage our environment and resources. Environmental Sciences gives an understanding of both natural and human-induced environmental problems, focuses on real world issues and application such as food security, climate change, energy security, pollution and natural hazards.

Under Environmental Sciences, interdisciplinary opportunities are available to study with environment-concerned faculty members and other academic departments of variable interests like Biology, Geology, Chemistry, Data Analysis, Physical Geography, and other departments.

With a degree in Environmental Sciences, several job positions are available within country, provincial or federal environmental ministry. Other job opportunities include:

- GIS/SRS Experts
- FPSC/PPSC Posts
- Ministry of Climate change
- Government Departments
- Agricultural Firms
- Forest Service
- Environmental Firms (UNDP, WWF, IUCN)
- Construction and engineering companies
- Universities and Colleges

Degree Programs

BS Environmental Sciences is running successfully in the Department. 40 students were admitted during the session 2019-2020. M.Phil Botany is running successfully in the Department. 08 students were admitted during the session 2019-2020

DEPARTMENT OF MICROBIOLOGY AND MOLECULAR GENETICS

Overview

The science has its roots in fundamental human needs of nutrition, health and environmental control that offer the opportunity to study microbiology as microbes are the center of biological sciences. On the other hand, molecular genetics constitute an integral part of modern biotechnology that has a significant impact on our lives from DNA finger printing to development of vaccination. Keeping in view the importance of both subjects, MMG department is projected to cover both fields in understanding the fundamental process of life at the insightful level and committed to provide advance and innovative approaches both at academic and research level in the field of Microbiology and Molecular Genetics. Rich course curriculum and updated research laboratories with experienced, supportive and passionate faculty help in the sharpening of research and scientific communication skills.

Degree Programs

BS Microbiology & Molecular Genetics is running successfully in the Department. 46 students were admitted during the session 2019-2020.

M.Phil Microbiology & Molecular Genetics is running successfully in the Department. 20 students were - admitted during the session 2019-2020.

DEPARTMENT OF PHARMACY

Overview

The Department of Pharmacy will start admission for Pharmacy programs after getting accreditation from the Pharmacy Council of Pakistan.

DEPARTMENT OF ZOOLOGY

Overview

Department of Zoology offers BS and M.Sc. programs in the subject of Zoology. The Department has established a museum and an animal house for study and research purposes. The Department also frequently organizes different study tours for the students to collect fauna from different areas of Pakistan as a requirement of their studies. Human Genetics, Molecular Oncology, Immunology, Microbiology, Molecular Biology, Endocrinology, Animal Nutrition, Reproductive Physiology, Entomology and Environmental Biology are the main fields of research in Zoology. Students, after completing their graduation from this

department, will have an adequate awareness about epidemiology, pathogenesis, genetic association, possible cure of the diseases, animal diversity, strategies to increase meat (fish and livestock), milk and wool production, recent parasitic and pest control programs and honey bee farming. Zoology as a subject is multidisciplinary in nature, involving the study of organisms and their genetic, morphological and physiological attributes, their surrounding environment, and their role in the conservation of environment. Zoology is a combination of various disciplines such as Genetics, Physiology, Ecology, Developmental Biology, Microbiology, Parasitology, Entomology, Freshwater Biology, Fisheries, Cell and Molecular Biology and Wildlife etc. These subjects have a significant role in human resource development, food security, environmental conservation, sustainable development which ultimately leads to elimination of poverty.

Degree Programs

BS Zoology is running successfully in the Department. 97 students were admitted during the session 2019-2020. Masters in Zoology is running successfully in the Department. 80 students were admitted during the session 2019-2020.

FACULTY OF RELIGION AND LANGUAGES

DEPARTMENT OF ARABIC

Overview

Arabic is liturgical language of Islam which has 1.7 billion followers. The Arabic word used for literature is "Arabic" which is derived from a meaning of etiquette and which implies politeness, culture and enrichment. Arabic literature, both prose and poetry, emerged in the 5th century with only fragments of the written language appearing before them. During the middle Ages, literary Arabic was a major vehicle of culture in Europe, especially in science, mathematics and philosophy. As a result, many European languages borrowed many words from it e.g. Greek, Spanish and Portuguese. The Quran, widely regarded by people as the finest piece of literature in the Arabic language, had the greatest lasting effects on Arabic culture and its literature. Arabic literature flourished during the Islamic Golden Age but has remained vibrant to the present day, with poets and prose-writers across the globe achieving increasing success. Prophet Muhammad (PBUH) said: "Adore Arabic for three reasons; I am Arab, the Quran is in Arabic and the language of the people of Jannah is Arabic". The Department of Arabic was established in 1948 in what was then known as Govt. Postgraduate College for Women, Katchery Road, Multan. Since then, it has been providing quality education in the area of Arabic at par with other renowned institutions of the province.

Degree Programs

BS Arabic is running successfully in the Department. 5 students were admitted during the session 2018-2019. Masters in Arabic is running successfully in the Department. 10 students were admitted during the session 2019-2020.

DEPARTMENT OF ENGLISH

Overview

The Department of English was established on 1st September, 1947, in what is now known as the former Govt. College for Women, Multan. Initially, students of F.A were taught here. F.Sc. and B.Sc. classes were introduced in 1953 and 1962 respectively. M.A. English was started in 1986. In 2010, the BS program was launched to cope with the requirements of international standards. The Act of Women University was approved by the Punjab assembly in 2010 and, by the amendment, the college was merged in the Women University in 2012. In 2013, M.Phil program was also offered and now BS, MA, M.Phil and Ph.D programs are successfully running in the Department.

Degree Programs

BS English is running successfully in the Department. 96 students were admitted during the session 2019-2020. Masters in English is running successfully in the Department. 48 students were admitted during the session 2019-2020. M.Phil English is running successfully in the Department. 25 students were admitted during the session 2019-2020.

DEPARTMENT OF ISLAMIC STUDIES & COMPARATIVE RELIGIONS

Overview

The Department of Islamic Studies and Comparative Religions was established in 2004. BS (Islamic Studies) started in September, 2010, in former Govt. Post Graduate College for Women Multan (Affiliated with Bahauddin Zakariya University, Multan). The Government, by notification, reconstituted the Govt. Post Graduate College for Women Multan as The Women University Multan under the Act 2012 (V of 2013). The Department of Islamic Studies was renamed as the Department of Islamic Studies & Comparative Religions in 2013. Since the inauguration of BS (4- Years) program in the discipline of Islamic Studies, it has established its worth among its stakeholders. The Department has a team of dedicated faculty to teach the HEC approved syllabi.

Degree Programs

BS Islamic Studies is running successfully in the Department. 77 students were admitted during the session 2019-2020. Masters in Islamic Studies is running successfully in the Department. 48 students were admitted during the session 2019-2020. M.Phil Islamic Studies is running successfully in the Department. 18 students were admitted during the session 2019-2020.

DEPARTMENT OF URDU

Overview

The Department of Urdu was established in 1947 in what was then known as Govt. College for Women, Katchery Road, Multan. Postgraduate classes in Urdu were initiated in the year 2005 and BS (4-years) in Urdu was started in the year 2010. It is high time that Department of Urdu may be redesigned under The Women University Multan to provide high quality education to the female students of this area.

Degree Programs

BS Urdu is running successfully in the Department. 89 students were admitted during the session 2019-2020. Masters in Urdu is running successfully in the Department. 46 students were admitted during the session 2019-2020. M.Phil Urdu is running successfully in the Department. 22 students were admitted during the session 2019-2020. PhD Urdu is running successfully in the Department. 07 students were admitted during the session 2019-2020.

FACULTY OF ECONOMICS, COMMERCE AND MANAGEMENT SCIENCES DEPARTMENT OF ECONOMICS

Overview

The Department of Economics was established in the early 1970s. It started its Master Degree Program in 2005 in Govt. Degree College for Women, Multan. In 2013, after the establishment of The Women University Multan, the Department started offering BS (4 years Program), M.Sc. and M.Phil programs. The Department of Economics is strictly following the HEC standardized syllabus and other terms and conditions for its degree programs. This Department is now crowning its path in important areas of economic research.

Degree Programs

BS Economics is running successfully in the Department. 58 students were admitted during the session 2019-2020. Masters in Economics is running successfully in the Department. 38 students were admitted during the session 2019-2020. M.Phil Economics is running successfully in the Department. 21 students were admitted during the session 2019-2020.

INSTITUTE OF MANAGEMENT SCIENCES

Overview

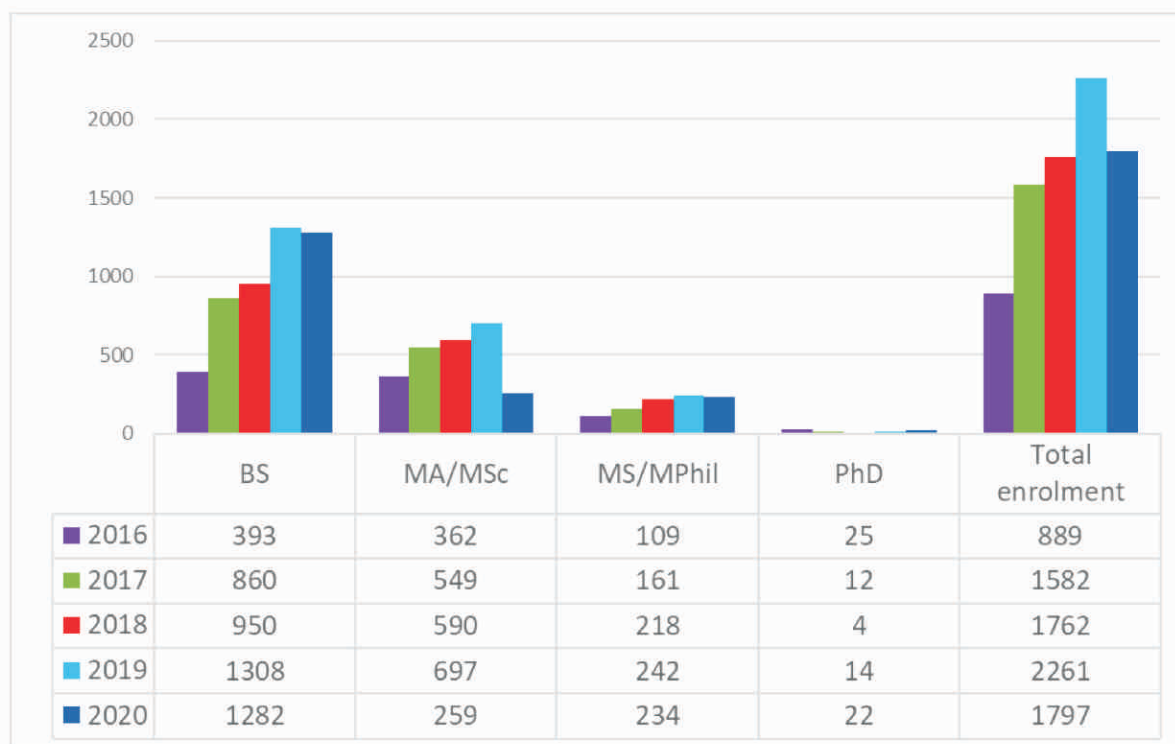
The Institute of Management Sciences (IMS) was established in 2017 and it is offering 4-years BBA degree program with specialization in the areas of Finance, Marketing, and Human Resource Management. This pursuit of IMS to provide quality education in management sciences is in accordance with its rich intellectual resources as it has 11 permanent faculty members with diverse management backgrounds providing a blend of theory, policy, and practice to ensure that latest and contemporary business education is transferred to students while imparting strong cognitive and social skills to them. Curriculum designed is comprehensive in its application, covering all major business courses offered in renowned business schools.

Pedagogical techniques at IMS go beyond the traditional methodological pattern and focus on class discussion, case studies, industrial visits, and projects, thus providing a continuous linkage and alliance with the business world. Dynamic economic changes, technological developments, globalization, and the hyper-competition have revolutionized business environment. Management Studies play a pivotal role in this scenario through providing education through theoretical and practical aspects by imparting managerial skills and professional expertise. Management studies equip its students with theory and practice in various streams such as human resource management, marketing, finance, entrepreneurship, and supply chain management to cater to the needs of modern and competitive business environment.

Degree Program

BBA Hons. is running successfully in the Department. 95 students were admitted during the session 2019-2020.

ENROLMENT IN ACADEMIC PROGRAMS



PHD RESEARCH STATUS IN 2020

No. of Board of Advanced Studies & Research	No. of PhD Synopsis Presented	No. of PhD Synopsis approved	No. of PhD Scholar who successfully Defended PhD Thesis
7	19	18	3

CHAPTER 2

RESEARCH AND DEVELOPMENT

OVERVIEW

Research is an essential gateway for entering into the arena of the cutting-edge knowledge. It also leads to a unique insight into teaching of higher education in a methodical way. Research in science and technology must be relevant to local, social and industrial needs, influence the regional and local competitive advantage, and have to be a goal-oriented. The university is focusing to encourage academic staff to promote research activities within university and for seeking funds for establishment of state of the art research facilities. It is an established fact that innovation and commercialization, which are the direct outcome of research and development, can catalyze the economic engine of a nation. The innovation in research is germinated in institutions of higher learning, which can ultimately guide the industry. After consolidating and strengthening of its undergraduate programs post graduate programs leading to MS/MPhil & PhD in various disciplines have been started in line with the vision, mission and academic goals approved by the Board of Governors of The Women University. A number of research projects have been completed in the past and still many research projects are being run by the faculty.

• Ph.D. & Non Ph.D Faculty

Designation	Ph.D	Non.Ph.D
Professor	01	01
Associate Professor	02	22
Assistant Professor	27	45
Lecturer	10	83
Emeritus Professor	01	Nil

Total 41 PhD and & 151 Non. PhD HEC approved PhD Supervisors= 27

Details of Project of WUM

No of Projects	Funding Agency	Worth (Millions)	Status
27 (2020)	WUM	4.8 million	Ongoing
21(2018)	WUM	5.6 million	Completed
13 (2014-18)	HEC (SRGP)	6.1 million	Completed
05 (2019-20)	HEC (NRPU)	13.8 million	Ongoing

INDUSTRY RELATED PROJECTS**Fertilizers for sustainable agriculture**

Researchers at department of biochemistry and biotechnology are engaged in developing environment friendly fertilizers to increase mass production of wheat and rice. The project is successfully achieving the targets in collaboration with fertilizer industry and targeted increased yield of rice crop has been achieved in local fields.

Antiviral/antibacterial hand sanitizers

Hand sanitizers and disinfectants for general surfaces have been developed and distributed among guards and essential staff. Per litre cost of 1000 was achieved for sanitizers and 150-200/litre for surface disinfectant was maintained. These products are now designed to make them environment friendly by using available local herbs and natural ingredients.

Antiviral material coated textile

Antiviral material coated textile technology has also been shared with industry to develop Personal protective equipment at local scale.

DETAIL OF FUNDED PROJECTS OF WUM

S. No.	Completed Projects	Ongoing/ Newly Launched Project	Total
1	35	31	66

RESEARCH PROJECTS COMPLETED

1.	Principal Investigator	Dr. Shamsa Akbar
	Title of Project	Determination of Imidacloprid and acetamiprid biodegradation and bioremediation potential of soil bacteria
	Project Funds	Rs. 0.5 Million
	Funding Agency	SRGP HEC
	Project Duration	1 Year
2.	Principal Investigator	Dr. Atia Iqbal
	Title of Project	Silver Nanoparticles synthesis by indigenously isolated bacterial
	Project Funds	Rs. 0.2 Million
	Funding Agency	WUM
	Project Duration	1 Year
3.	Principal Investigator	Dr. Iqra Arooj
	Title of Project	Analysis of Association of a Genetic Polymorphism with Myocardial Infarction in a Pakistani cohort
	Project Funds	Rs. 0.2 Million
	Funding Agency	WUM
	Project Duration	1 Year
4.	Principal Investigator	Dr. Maryam Zain
	Title of Project	Case control Association study of Cardiovascular and diabetic risk factors in Pakistan
	Project Funds	Rs. 0.2 Million
	Funding Agency	WUM
	Project Duration	1 Year
5.	Principal Investigator	Ms. Humaira Yasmeen

	Title of Project	Antimicrobial activity of plants against multidrug resistant bacteria isolated from hospital wastewaters in Pakistan
	Project Funds	Rs. 0.2 Million
	Funding Agency	WUM
	Project Duration	1 Year
6.	Principal Investigator	Dr. Maryam Zain
	Title of Project	Biochemical and Molecular studies of susceptible diabetic and cardiovascular genes in Pakistani Population
	Project Funds	Rs. 0.22 Million
	Funding Agency	SRGP HEC
	Project Duration	1 Year
7.	Principal Investigator	Dr. Sara Musaddiq
	Title of Project	Synthesis, characterization and Biological Screenings of 1,3 thizolidine 4 carboxylic acid derivatives for their enzyme inhibitory potential
	Project Funds	Rs. 0.28 Million
	Funding Agency	SRGP HEC
	Project Duration	1 Year
8.	Principal Investigator	Dr. Samina Aslam
	Title of Project	Synthesis and Biological Screenings of Nitrogen containing Heterocyclic Compounds
	Project Funds	Rs. 0.5 Million
	Funding Agency	SRGP HEC
	Project Duration	1 Year
9.	Principal Investigator	Dr. Tehseen Gul

	Title of Project	Evaluating proximate composition, nutritional quality and antioxidant potential of different parts of Cleome brachycarpa
	Project Funds	Rs. 0.5 Million
	Funding Agency	SRGP HEC
	Project Duration	1 Year
10.	Principal Investigator	Dr. Madiha Irfan
	Title of Project	Design, synthesis and properties of electron donor functionalized triazine based luminescent molecular materials for optoelectronic applications
	Project Funds	Rs. 0.5 Million
	Funding Agency	SRGP HEC
	Project Duration	1 Year
11.	Principal Investigator	Dr. Adeela Saeed
	Title of Project	Porous hybrid materials; marriage of unique properties of porous materials for analytical separations of Biomolecules
	Project Funds	Rs. 0.4909 Million
	Funding Agency	SRGP HEC
	Project Duration	1 Year
12.	Principal Investigator	Dr. Nadia Asif
	Title of Project	Synthesis, characterization and biological activity of triazole derivatives
	Project Funds	Rs. 0.23 Million
	Funding Agency	SRGP HEC
	Project Duration	1 Year
13.	Principal Investigator	Ms. Sehrish Mehdi

	Title of Project	Synthesis of various Nanomaterials for Environmental Application
	Project Funds	Rs. 0.19 Million
	Funding Agency	WUM
	Project Duration	1 Year
14.	Principal Investigator	Dr. Samina Aslam
	Title of Project	Synthesis and biological evaluation of Novel Schiff bases of Creatinine by Microwave Method and their comparison with Conventional method
	Project Funds	Rs. 0.2 Million
	Funding Agency	WUM
	Project Duration	1 Year
15.	Principal Investigator	Ms. Tahira Saleem
	Title of Project	Study of Phytophysicochemical parameters & antioxidant properties of Fagonia cretica L.
	Project Funds	Rs. 0.199 Million
	Funding Agency	WUM
	Project Duration	1 Year
16.	Principal Investigator	Dr. Sara Musaddiq
	Title of Project	Synthesis, Characterization and Biological Evaluation of Novel N-Substituted 2 Ary 1-2-3,dihydrobenzothiazole Derivatives
	Project Funds	Rs. 0.2 Million
	Funding Agency	WUM
	Project Duration	1 Year
17.	Principal Investigator	Ms. Abida Ashraf

	Title of Project	Synthesis and Characterization of some chromone derivatives as potential Biological active agents
	Project Funds	Rs. 0.2 Million
	Funding Agency	WUM
	Project Duration	1 Year
18.	Principal Investigator	Ms. Warda Hassan
	Title of Project	Evaluation of Hazardous Metals Hidden in Local Cosmetic Products in Pakistan
	Project Funds	Rs. 0.2 Million
	Funding Agency	WUM
	Project Duration	1 Year
19.	Principal Investigator	Dr. Raheela Jabeen
	Title of Project	Isolation and <i>in silico</i> analysis of defensin genes from medicinal plants
	Project Funds	Rs. 0.49 Million
	Funding Agency	SRGP HEC
	Project Duration	1 Years
20.	Principal Investigator	Dr. Misbah Mirza
	Title of Project	To synthesize the nanomaterials and characterization of their optoelectronic properties
	Project Funds	Rs. 0.362 Million
	Funding Agency	HEC
	Project Duration	9 months
21.	Principal Investigator	Dr. Malika Rani
	Title of Project	synthesis and physical measurements of some strongly correlated electron system

	Project Funds	Rs. 0.372 Million
	Funding Agency	HEC
	Project Duration	9 months
22.	Principal Investigator	Dr. Sadia Ijaz
	Title of Project	Purification, Identification and structure elucidation of anticancer carotenoid from cyanobacteria <i>Nostoc</i> sp. SI-SN against breast cancer cells of triple negative pathologies
	Project Funds	Rs. 3.9154 Million
	Funding Agency	SRGP HEC
	Project Duration	12 months

23.	Principal Investigator	Dr. Nadia Iqbal
	Title of Project	Differential expression analysis and identification of stress related genes in cotton
	Project Funds	Rs. 0.476 Million
	Funding Agency	SRGP HEC
	Project Duration	1 Years
24.	Principal Investigator	Dr. Saadia Irshad
	Title of Project	Impact of HR Policies/Practices on Employees well being in Higher Education Sector of Pakistan
	Project Funds	Rs. 0.08 Million
	Funding Agency	WUM
	Project Duration	10 Months
25.	Principal Investigator	Dr. Saima Nasreen

	Title of Project	Liquid phase scavenging of ionizable organic compounds from water using bio-hybrids: equilibrium, kinetic and thermodynamic studies
	Project Funds	Rs. 0.2 Million
	Funding Agency	Women University Multan
	Project Duration	01 year
26.	Principal Investigator	Ms. Syeda Shaima Meryem
	Title of Project	A GIS based Assessment of Spatio-Temporal and Seasonal variation in Pollution load of middle Indus watershed
	Project Funds	Rs. 0.2 Million
	Funding Agency	Women University Multan
	Project Duration	01 year
27.	Principal Investigator	Dr. Abida Aziz
	Title of Project	Exploring the heavy metal phytoremediation potential of <i>Quinoa</i> accessions
	Project Funds	0.2 Million
	Funding Agency	WUM
	Project Duration	01 year
28.	Principal Investigator	Dr. Atia Iqbal
	Title of Project	Synergistic effect of beneficial rhizobacteria and compost on growth promotion of wheat plant
	Project Funds	0.2 Million
	Funding Agency	WUM
	Project Duration	01 year
29.	Principal Investigator	Ms. Sadia Tahir
	Title of Project	Role of clostridial binary toxins in increased additional virulence of <i>Clostridium difficile</i>

	Project Funds	0.2 Million
	Funding Agency	WUM
	Project Duration	01 year
30.	Principal Investigator	Dr. Iqra Arooj
	Title of Project	Effect of Age and Gender on Diversity of Human Skin Microbiota in Urban and Rural Environments
	Project Funds	0.2M
	Funding Agency	WUM
	Project Duration	01 year
31.	Principal Investigator	Dr. Humaira Yasmeen
	Title of Project	Antimicrobial activity of medicinal plants against resistant bacteria isolated from human skin
	Project Funds	0.2M
	Funding Agency	WUM
	Project Duration	01 year
32.	Principal Investigator	Ms. Saba
	Title of Project	Potential antibacterial role of natural extracts of <i>Moringa oleifera</i> (Drum Stick) against pathogenic bacterial isolates
	Project Funds	0.2 Million
	Funding Agency	WUM
	Project Duration	01 year
33.	Principal Investigator	Dr. Farah Deeba
	Title of Project	Inhibitory effect of onion extract on polyphenol oxidase activity in wheat (<i>Triticum aestivum</i>)
	Project Funds	0.193 Million
	Funding Agency	WUM

	Project Duration	01 year
34.	Principal Investigator	Ms. Mahwish Batool Kazmi
	Title of Project	Evaluation of Biofilm Degrading Ability Of Silver Nanoparticles Derived From Mentha Longifolia Produced By Clinical Isolates
	Project Funds	0.2 Million
	Funding Agency	WUM
	Project Duration	01 year

ONGOING RESEARCH PROJECTS

35.	Principal Investigator	Miss saba
	Title of Project	Potential antibacterial role of natural extracts of Moringaoleifera (Drum stick) against pathogenic bacterial isolated
	Project Funds	199,999/-
	Funding Agency	WUM
	Project Duration	1 Year
36.	Principal Investigator	Prof.Dr. AsmatNaz
	Title of Project	The security challenges in Pakistan
	Project Funds	94,245/-
	Funding Agency	WUM
	Project Duration	1 Year
37.	Principal Investigator	Dr.IqraArooj
	Title of Project	Effect of age and gender on diversity of human skin microbiota in urban and rural environments

	Project Funds	200,000/-
	Funding Agency	WUM
	Project Duration	1 Year
38.	Principal Investigator	Dr.Malika Rani
	Title of Project	A Study of Optical properties of some strongly correlated electron systems
	Project Funds	195,000/-
	Funding Agency	WUM
	Project Duration	1 Year
39.	Principal Investigator	Dr.TahiraBanoQasim
	Title of Project	exploring generalized gumble type 2 distribution in classical and Bayesian paradigm”
	Project Funds	161,710/-
	Funding Agency	WUM
	Project Duration	1 Year
40.	Principal Investigator	Dr.MisbahMirza
	Title of Project	Fabrication of nanostructures and their electrochemical properties
	Project Funds	199,163/-
	Funding Agency	WUM
	Project Duration	1 Year
41.	Principal Investigator	Dr.Humaira Yasmeen
	Title of Project	Effects of medicinal plants on resistant bacteria isolated from human skin flora

	Project Funds	188,489/-
	Funding Agency	WUM
	Project Duration	1 Year
42.	Principal Investigator	Dr Farah Deeba
	Title of Project	Inhibitory effect of onion extract on polyphenol oxidase activity in wheat (<i>Triticumaestivum</i>)
	Project Funds	193,640/-
	Funding Agency	WUM
	Project Duration	1 Year
43.	Principal Investigator	Dr SaadiaIrshad
	Title of Project	Impact of HR policies and practices n employees' well-being in higher sector of Pakistan
	Project Funds	80000/-
	Funding Agency	WUM
	Project Duration	1 Year
44.	Principal Investigator	Ms.SyedaShaimaMaryem
	Title of Project	A GIS based assessment of spatiotemporal and seasonal variation in population load of middle Indus watershed
	Project Funds	199830/-
	Funding Agency	WUM
	Project Duration	1 Year
45.	Principal Investigator	Dr SaimaNasreen
	Title of Project	liquid phase scavenging of ionisable organic compounds (IOUS) from water using bio hybrids

	Project Funds	200000/-
	Funding Agency	
	Project Duration	1 Year
46.	Principal Investigator	Dr.Abida Aziz
	Title of Project	Exploring the heavy metal phytoremediation potential of Quinoa Accessions
	Project Funds	200,000/-
	Funding Agency	WUM
	Project Duration	1 Year
47.	Principal Investigator	Ms.SadiaIqbal
	Title of Project	Hybrid Catalytic Systems for the degradation of toxic chemicals
	Project Funds	193,391/-
	Funding Agency	WUM
	Project Duration	1 Year
48.	Principal Investigator	Dr. Sara Musaddiq
	Title of Project	Green synthesis, Characterization and photocatalytic activity of reduced grapheme oxide-metal/ metal oxides nanocomposites
	Project Funds	194,934/-
	Funding Agency	WUM
	Project Duration	1 Year
49.	Principal Investigator	Dr.AtiaIqbal
	Title of Project	Synergistic effect of beneficial rhizobacteria and compost on growth promotion of wheat plant

	Project Funds	185,658/-
	Funding Agency	WUM
	Project Duration	1 Year
50.	Principal Investigator	Ms TahiraSaleem
	Title of Project	Integrative study in Natural products and nanotechnology: Future applications in synthesis
	Project Funds	189,150/-
	Funding Agency	WUM
	Project Duration	1 Year
51.	Principal Investigator	MahvishKazmiBatool
	Title of Project	evaluation of biofilm degrading ability of siliver nanoparticles derived from MenthaLongifolia produce by clinical isolates.
	Project Funds	200,000/-
	Funding Agency	WUM
	Project Duration	1 Year
52.	Principal Investigator	Dr AdeelaSaeed
	Title of Project	MOF/Graphene composite materials for enzyme immobilization
	Project Funds	197847/-
	Funding Agency	WUM
	Project Duration	1 Year
53.	Principal Investigator	Dr.TanzilaRehman
	Title of Project	Protein Profiling of medicinal plants by using electrophoretic techniques

	Project Funds	198,000/-
	Funding Agency	WUM
	Project Duration	1 Year
54.	Principal Investigator	Ms SadiaTahir
	Title of Project	Role of clostridial binary toxins in increased additional virulence of clostridium difficile
	Project Funds	194,217/-
	Funding Agency	WUM
	Project Duration	1 Year
55.	Principal Investigator	Dr Warda Hassan
	Title of Project	Comparative study of heavy metal contents present in facial cosmetics, locally available in Pakistan
	Project Funds	184,977/-
	Funding Agency	WUM
	Project Duration	1 Year
56.	Principal Investigator	Dr.AdeelaSaeed (PI) /Ms.Sehrish Mehdi
	Title of Project	Comparative study of heavy metal contents present in facial cosmetics, locally available in Pakistan
	Project Funds	196,000/-
	Funding Agency	WUM
	Project Duration	1 Year
57.	Principal Investigator	Dr. Asia Bibi
	Title of Project	Genotyping of single nucleotide polymorphisms associated with Breast cancer risk in Pakistan Population

	Project Funds	199,099/-
	Funding Agency	WUM
	Project Duration	1 Year
58.	Principal Investigator	Ms javeria Zahra
	Title of Project	The effect of synthesized Osmium and Palladium Nanoparticles on the biological parameters (complete hematology& serum enzymes) and neurobehaviour of adult female Albino mice
	Project Funds	162,856/-
	Funding Agency	WUM
	Project Duration	1 Year
59.	Principal Investigator	Dr Shazia parveen
	Title of Project	the therapeutic effect of solanamnigram in induced model of PD: behavioural neurochemical and biochemical study
	Project Funds	200,000/-
	Funding Agency	WUM
	Project Duration	1 Year
60.	Principal Investigator	Dr Hina Ali
	Title of Project	foreign remittance, long term sustainable economic growth nexus in Pakistan an empirical analysis using bound testing approach
	Project Funds	10,000/-
	Funding Agency	WUM
	Project Duration	1 Year
61.	Principal Investigator	Ms Farhat

	Title of Project	extraction, isolation and characterization of bioactive compound in members of family cucurbitaceous
	Project Funds	200,000/-
	Funding Agency	WUM
	Project Duration	1 Year
62	Principal Investigator	Dr. Sara Musaddiq
	Title of Project	Development of Polymeric Membranes for Disinfection, Desalination and Photocatalytic Degradation of Water Pollutants
	Project Funds	Rs. 4.06 Million
	Funding Agency	NRPU HEC
	Project Duration	2 Years
63	Principal Investigator	Dr. Mamoon Noreen
	Title of Project	Investigation of Toll Like Receptor 3 as Therapeutic Target for Breast Cancer
	Project Funds	Rs. 6.84 Million
	Funding Agency	NRPU HEC
	Project Duration	3 Years
64	Principal Investigator	Dr. Misbah Mirza
	Title of Project	Efficient UV-Visible Photocatalytic Degradation of Textile Dyes Assisted by Catalysis of Nanocomposites
	Project Funds	Rs. 3.669324 Million
	Funding Agency	NRPU HEC
	Project Duration	3 Years
65.	Principal Investigator	Dr. Malika Rani

	Title of Project	A study of Magnetoresistance and advance universal electro resistance in some strongly correlated electron systems
	Project Funds	Rs. 4.84 Million
	Funding Agency	NRPU HEC
	Project Duration	3 Years

RESEARCH PUBLICATIONS FOR THE YEAR (2019-2020)

S. No.	Name of Faculty/ Institute	Total No of Publications
1.	Faculty of Arts and Social Sciences	23
2.	Faculty of Economics, Commerce, and Management Sciences	22
3.	Faculty of Life Sciences	51
4.	Faculty of Religion and Languages	24
5.	Faculty of Sciences	
Total		

FACULTY OF ARTS AND SOCIAL SCIENCES

S. No.	Name of Department	Publications
1.	Education	05
2.	History & Pakistan Studies	07
3.	Mass Communication	11
Total		23

FACULTY OF ECONOMICS, COMMERCE AND MANAGEMENT SCIENCES

S. No.	Name of Department	Grand Total
1.	Economics	07
2.	Institute of Management Sciences	15
Total		22

FACULTY OF LIFE SCIENCES

S. No.	Name of Department	Publications
1.	Biochemistry & Biotechnology	15
2.	Botany	08
3.	Environmental Sciences	02
4.	Microbiology & Molecular Genetics	13
5.	Pharmacy	05
6.	Zoology	08
Total		51

FACULTY OF RELIGION AND LANGUAGES

S. No.	Name of Department	Publications
1.	Arabic	07
2.	English	17
Total		24

FACULTY OF SCIENCES

S. No.	Name of Department	Grand Total
1.	Institute of Computer Sciences & Information Technology	

2.	Chemistry	37
3.	Mathematics	
4.	Physics	22
5.	Statistics	
Total		

FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF HISTORY & PAKISTAN STUDIES

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	Imperial Women: Patrons of Political Power in the Ottoman Empire (1520-1660)	Fatima Ali	2020	Pakistan Journal of Social Sciences
2.	Different Aspect of the Status of the Women in Pakistan: A Case of District Multan	Fatima Ali	2020	Journal of Historical Studies
3.	Significance of Women Education in the Process of Social Evolution	Fatima Ali	2020	Perennial Journal of History
4.	Human Rights Violation and Persecution of Rohingya Muslims in Myanmar	Iqra Ashraf	2020	Perennial Journal of History
5.	Us Drone Attacks: It's Impacts On Pakistan's Sovereignty	Fatima Ali	2020	Annals of Social Sciences and Perspective
6.	Politics and Ethnic Identities; Cross-Sectoral Provincial Analysis of Human Security in Pakistan	Asmat Naz	2019	Journal of the Research Society of Pakistan
7.	The Ottoman's Harem an Institution of Female	Fatima Ali	2019	Journal of Historical Studies

	Elevation in the power Politics			
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DEPARTMENT OF EDUCATION

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	Influence of head teachers managerial skills on pupils academic performance at secondary school level	Hina Munir, Uzma Quraishi, Inza Shoukat	2020	Journal of Business and Social Review in Emerging Economics
2.	A study of the attitude of Government and private school students towards the teaching of general science at secondary level	Afrina Afzal, Hina Munir et.al.,	2020	AL-QALAM
3.	Effect of home Environment on personality and academic achievement of students at intermediate level in Multan District	Imrana Firdous, Hina Munir, Afrina Afzal	2020	AL-QALAM
4.	A study on teachers favoritism and its effects on students academic learning at university level in Multan District	Uzma Qraishi, Hina Munir et. Al.,	2020	Hamdard Islamicus
5.	Relationship between Academic emotions and students learning at university level in Multan District	Hina Munir, Hina Rani et. al.,	2020	AL-QALAM

DEPARTMENT OF MASS COMMUNICATION

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	Media Agenda on War against Terrorism: An Analysis of British Newspaper	Beenish Zaheen	2020	Global Social Sciences Review
2.	TV Cartoon Programs: An Analysis of Gender Roles and Characteristics ,	Beenish Zaheen	2020	Pakistan Social Sciences Review

3.	A Speech Act Analysis of the First Speech of Imran Khan as Prime Minister	Deeba Shahwar	2020	Global Political Review
4.	The Reflection of River Warfare in Pakistani and Indian Press: Dispute, Management and Strategies	Deeba Shahwar	2020	Global Regional Review
5.	Role of Technology in Developing Oral Fluency among Intermediate Students	Deeba Shahwar	2020	Global Regional Review
6.	Propaganda Revisited: Understanding Propaganda in the Contemporary Communication Oriented World,	Beenish Zaheen	2019	Global Regional Review
7.	Female Oppression in 'Phenomenal Woman' and 'Woman Work': A Comparative Analysis	Deeba Shahwar	2020	Hayatian Journal of Linguistics and Literature
8.	Political Information Repertoires to Political Participation	Sumera Khalid	2020	Journal of Humanities and Social Sciences Studies
9.	Coverage of Cross-Border Terrorism by OP-ED of Global Press	Sumera Khalid	2020	A war and Peace Journalism Perspective. Global Political Review.
10	The Portrayal of United States in the context of Drone Attacks: A Study of Pakistani Print Media.	Sumera Khalid	2020	Journal of Accounting & Finance in Emerging Economics
11	Promotion of Anti-Social and Anti-Cultural Behavior by Private Television Dramas, in Pakistan	Sumera Khalid	2020	Journal of Business and Social Review in Emerging Economics

FACULTY OF LIFE SCIENCES

DEPARTMENT OF BIOCHEMISTRY & BIOTECHNOLOGY

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	Mitogen Activated Protein Kinase: function and responses to different stresses in plants	Sara Khan, Nadia Iqbal, Farah Deebea , Raheela Jabeen	2020	Pakistan Journal of Biochemistry and Biotechnology
2.	Heterologous expression of a plant WRKY protein confers multiple stress tolerance in E. coli	Farah Deebea , Tasawar Sultana, Nadia Majeed and Syed Muhammad Saqlan Naqvi	2020	Turkish Journal of Biochemistry
3.	Antimicrobial susceptibility pattern of bacterial isolates from different clinical samples at Nishtar Hospital Multan	Maria Suhail, Nadia Iqbal, Khalid Usman, Farah Deebea .	2020	Pakistan Journal of Biochemistry and Biotechnology
4.	NAC Transcription Factors Role in Various Biotic and Abiotic Stresses	Hafsa Mansoor, Nadia Iqbal, Maryam Zain, Farah Deebea	2020	Pakistan Journal of Biochemistry and Biotechnology
5.	Functional Analysis of WRKY protein in different Plant and non plant species and its response under biotic and abiotic stresses	Naila Mujahid, Nadia Iqbal , Maryam Zain , Farah Deebea .	2020	Pakistan Journal of Biochemistry and Biotechnology
6.	A Short Review of Promoters of Cotton Fibre Genes: Strength and Tissue Specificity	Ammara Masood, Nadia Iqbal , and Hira Mubeen	2020	Pakistan Journal of Science and Industrial Research
7.	Role and function of Ethylene Response Factor in different plants under multiple biotic and abiotic Stresses.	Rabia Akram, Farah Deebea , Maryam zain , Nadia Iqbal	2020	Pakistan Journal of Biochemistry and Biotechnology
8.	1. A Green Nutraceutical Study of Antioxidants Extraction in Cleome	Tahira Saleem, Ayesha Sumra, Samra Khan, Maryam Zain et al.	2020	Journal of Sains Malayasiana

	Brachycarpa — An Ethnomedicinal Plant.			
9.	Challenges Encountered in Cancer Care and Management . During Covid-19 in South Asian Countries	Sunishtha Singh Yadav, Maryam Zain , Pragati Sahai, Shalini Porwal , Vandana Chauhan	2020	Asian Pacific Journal of Cancer Care
10.	Implications of Advanced Oxidation Protein Products (AOPPs), Advanced Glycation End Products (AGEs) and other Biomarkers in the Development of Cardiovascular Diseases	Mahmood Rasool, Arif Malik, Tariq Tahir Butt, Muhammad Abdul Basit Ashraf Rabia Rasool Ayesha Zahid Sulayman Waquar Muhammad Asif Ahmad Zaheer Abdul Jabbar Maryam Zain et al.,	2019	Saudi Journal of Biological Sciences
11.	Structural, morphological, electrical and optical properties of Cu doped DLC thin films	M I Khan, F Adil, Shahbaz Majeed, W A Farooq, M S Hasan, Raheela Jabeen et al.	2019	Materials Research Express
12.	Sequence analysis of Lipid transfer protein promoter isolated from cotton (<i>Gossypium hirsutum</i> L.)	Ammara Masood, Hira Mubeen and Nadia Iqbal	2019	Pakistan Journal of Scientific and Industrial Research
13.	Antioxidant Potential of Cell Wall Polysaccharides Extracted from Various Parts of <i>Aerva javanica</i> .	Hina Saeed, Haq Nawaz, Muhammad Aslam Shad, Dur E Shahwar, Hina Andaleeb, Saima Muzaffar, Raheela Jabeen et al.,	2019	Free Radicals and Antioxidants
14.	Process Optimization and Characterization of Gamma Irradiation Induced Variations in Functional Properties of Maize (<i>Zea mays</i> L.)	Haq Nawaz, Muhammad Aslam Shad, Sonia Safdar and Raheela Jabeen et al.	2019	Asian Food Science Journal

15.	Comparative Evaluation of Physical and Physicochemical Properties and Antioxidant Potential of Various Cooking Oils.	Haq Nawaz, Muhammad Aslam Shad, Saira Hassan, Muhibullah. Shah, Haseeba Shahzad, Raheela Jabeen et al	2019	European Journal of Nutrition & Food Safety
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DEPARTMENT OF BOTANY

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	Synthesis of Silver and Copper Nanoparticles from Plants and Application as Adsorbent for naphthalene Decontamination.	Sana Abbas, Saima Nasreen , Adeela Haroon, Muhammad Aqeel Ashraf	2020	Saudi Journal of Biological Sciences
2.	Comparative analysis of endophytic bacterial diversity between two Varieties of sunflower <i>Helianthus annuus</i> with their PGP evaluation.	Sadia Bashir , Atia Iqbal, Shahida Hasnain	2020	Saudi Journal of Biological Sciences
3.	Peroxidase activity and operation of photo-protective component of NPQ play key roles in drought tolerance of mung bean [<i>Vigna radiata</i> (L.) Wilczek]	Hussan Bano , Habib-ur-Rehman Athar	2020	Physiologia Plantarum
4.	Linking Changes in Chlorophyll Fluorescence with Drought Stress Susceptibility of Mung bean [<i>Vigna radiata</i> (L.) Wilczek]	Hussan Bano , Habib-ur-Rehman Athar, Zafar Ullah Zafar, Hazem M. Kalaji, and Muhammad Ashraf	2020	Physiologia Plantarum
5.	Effects of exogenously melatonin on growth, photosynthesis, ion accumulation and antioxidant capacity of canola (<i>Brassica napus</i> L.) under chromium stress”	Ahsan Ayyaz, Yamna Noor, Hussan Bano , et al.	2020	Pakistan Journal of Botany

6.	Differential responses of exogenous melatonin on growth, photosynthesis and antioxidant defence system in two <i>Brassica napus</i> L. cultivars under chromium stress	Ahsan Ayyaz, Muhammad Ahsan Farooq, Aneela Kanwal, Muhammad Aslam, Muhammad Iqbal, Azra Manzoor, Ayesha Khalid, Sarah Umer, Hussan Bano et al.	2020	International Journal of Environment, Agriculture and Biotechnology
7.	Clarity on frequently asked questions about drought measurements in plant physiology.	Ogbaga, C.C., H.-u.-R. Athar, M. Amir, H. Bano et al.	2020	Scientific African
8.	Melatonin induced changes in photosynthetic efficiency as probed by OJIP associated with improved chromium stress tolerance in canola (<i>Brassica napus</i> l.)	Ayyaz, A., M. Amir, S. Umer, M. Iqbal, H. Bano et al.	2020	Heliyon

DEPARTMENT OF ENVIRONMENTAL SCIENCES

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	Synthesis of Silver and Copper Nanoparticles from plants and Application as Adsorbents for Naphthalene Decontamination	Sana Abbas, Saima Nasreen , et. al.,	2020	Saudi Journal of Biological Sciences
2.	Analysis of the Complementary Property of Solar Energy and Thermal Power based on Coupling Model	Jinpu Liu, Rui Song, Saima Nasreen and Anh Tuan Hoang	2019	Nature Environment and Pollution Technology

DEPARTMENT OF MICROBIOLOGY AND MOLECULAR GENETICS

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	Successive use of microorganisms to remove chromium from wastewater	Amina Elahi, Iqra Arooj et al.	2020	Applied Microbiology and Biotechnology
2.	Potential Inhibitory Effect of Vitamins Against COVID-19	Kashaf Junaid, Sumera Qasim, Humaira Yasmeen et al.	2020	Computers, Materials & Continua
3.	Effective Immune Functions of Micronutrients against SARS-CoV-2	Kashaf Junaid, Hasan Ejaz, ----- Ullah, Humaira Yasmeen et al	2020	Nutrients
4.	Investigating the In Vitro Regeneration Potential of Commercial Cultivars of Brassica	Nisma Farooq et al	Nov 2019	Plants
5.	Simvastatin Efficiently Reduces Levels of Alzheimer's Amyloid Beta in Yeas	Mishal Subhan , Dhakal S, Fareser JM, Gradiner K Macreadie I	2019	International Journal of Molecular Sciences
6.	Effect of Rhizobacterial-Mediated auxin on Growth Promotion of Wheat and Mung Bean Plant.	Farzana Iftikhar, Atia Iqbal	2019	Polish Journal of Environmental Studies
7.	Epidemiology and Risk Factors of Transfusion transmitted infections in Thalassemia Major: A Multicenter Study in Pakistan.	Humaira Yasmeen and Shahida Hassnain	2019	Hematology, Transfusion and Cell Therapy
8.	Potential Role of Bacterial Extracellular Polymeric Substances as Biosorbent Material for Arsenic Bioremediation	Saba , Yasir Rehman, Mehboob Ahmed & Anjum Nasim Sabri	2019	Bioremediation Journal
9.	Quality of Life of Pakistani Children with β -Thalassemia Major.	Humaira Yasmeen and Shahida Hasnain	2019	Hemoglobin

10.	Multifaceted biofuel production by microalgal isolates from Pakistan.	Sara Junaid Namita Khanna Peter Lindblad Mehboob Ahmed	2019	Biofuels, Bioproducts and Biorefining
11.	Antibiotic susceptibility pattern of bacterial strains isolated from different clinical samples in Multan, Pakistan	Hafsa Alam and Humaira Yasmeen	2020	Pure and Applied Biology (PAB)
12.	Characterization of Multidrug Resistant Bacteria Isolated from Hospital Environment.	Irshad, Saba, and Humaira Yasmeen.	2019	RADS Journal of Biological Research & Applied Sciences
13.	Utilization of an Industry Byproduct, <i>Corymbia maculata</i> Leaves, by <i>Aspergillus terreus</i> to Produce Lovastatin	Mishal Subhan, Faryal R, Macreadie I	2020	Bioengineering
14.	Safety of Street Foods In Developing Countries: An overview from Pakistan	Iram Asim, Humaira Yasmeen	2020	Journal of Microbiology and Molecular Genetics (WUM)

DEPARTMENT OF PHARMACY

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	Sustained released Metformin microparticles for better management of Type II Diabetes Mellitus: In-vitro studies".	Zermina Rashid et al.,	2020	Materials Research Express
2.	Pharmacokinetic evaluation of microgels for targeted and sustained delivery of acid labile active pharmaceutical agent in animal model.	Zermina Rashid et al.,	2020	Journal of Drug Delivery Science and Technology.
3.	Amelioration of Scopolamine-Induced Amnesic, Anxiolytic and	Sana Javaid et al	2020	Medicina

	Antidepressant Effects of Ficus Benghalensis in Behavioral Experimental Models.			
4.	Establishing and evaluating Clinical Pharmacy Training Program in Clinical Pharmaceutical University	Li, Jiaqi & Yang, Changqing & M, Madiha	2019	Indian Journal of Pharmaceutical Education and Research
5.	<i>In vitro</i> and <i>in vivo</i> Evaluation of Poly (2-methoxyethyl methacrylate-co-itaconic acid) based Microhydrogels for pH responsive Targeted Delivery of Model Drug	Zarina Rashid, Nazar Mohammad Ranjha, Fareeha Rashid & Rabia Razzaq	2019	Polymer-Plastics Technology and Materials

DEPARTMENT OF ZOOLOGY

Sr.No	Paper Title	Name of Author/s	Year	Name of Journal
1.	Effect of abamectin on development of chick embryo	Shazia Parveen et al.,	2020	Pure and Applied Biology
2.	Assessment and association between Lipid and Hormonal Profile in non-pregnant females having Polycystic Ovarian Syndrome	Nahid Kausar and Asia Bibi et al.	2019	Endocrinol Metab Syndr
3.	Insecticidal Efficiency of Native Plant extracts against Whitefly (<i>Bemisia tabaci</i>) on Cotton Crop	Mamoona Noreen	2019	Pure and Applied Biology
4.	An In-silico and Molecular Analysis of Reticulon 4 as Novel Therapeutic Option for Axonal Regeneration.	Shazia Perveen et al.	2019	JPMMA
5.	Improving the Nerve Regeneration Ability by Inhibiting the Orchestrated Activity of the Myelin associated Repair Inhibitors: an In Silico Approach.	Shazia Perveen et al.	2019	International Journal of Computational Biology and Drug Design

6.	Retrospective Study of Cystic Echinococcosis (CE) Based on Hospital Record from Five Major Metropolitan Cities of Pakistan	Hira Muqadas et al.	2019	Acta Parasitologica
7.	Sodium Status of Soil, Forages, and Small Ruminants of Punjab, Paki	Hira Muqadas et al.	2019	Pure and Applied Biology.
8.	Variation in Contamination Status of Cadmium in Forages and Blood Plasma of Livestock in Different Districts of Punjab, Pakistan	Hira Muqadas et al.	2019	Pure and Applied Biology.

FACULTY OF RELIGION AND LANGUAGES

DEPARTMENT OF ARABIC

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	مدرسہ نظام تعلیم : درپیش مسائل اور لائحہ عمل ، ڈاکٹر محمود احمد غازی کے نقطہ نظر کا جائزہ	Kalsoon Paracha et al.,	December 2019	Al-Qalam
2.	The Academic Activities of Feroz Shah Tughlaq's Era (1351-1388)	Kalsoon Paracha et al.,	2019	Pakistan Journal of Social Sciences
3.	مولانا شاہ عبدالقادر رائے پوری کی دینی فکر میں سماجیات کا تصور	Kalsoon Paracha et al.,	2019	Pakistan Journal of Islamic Research
4.	Role of Islamic Micro Financing In Poverty Lessening and SME's Development In Developing Countries: A Case Study of Pakistan	Kalsoon Paracha et al.,	2020	Zia-e-Tahqeeq
5.	ازدواجی ہم آہنگی کا تصور ، فقہ السیرۃ کے تناظر میں	Kalsoon Paracha et al.,	2020	Al-ILM

6.	بر صغیر کی امتزاجی تہذیب کے مذہبی اثرات، ایک مطالعہ	Kalsoom Paracha et. al.,	2020	Jihat-ul-Islam
7.	زوجین کا معاہدہ نفقہ، شرعی اور قانونی تناظر میں ایک تحلیلی مطالعہ	Kalsoom Paracha et. al.,	2020	Fikr o Nazar

DEPARTMENT OF ENGLISH

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	Teaching Language through Literature: An ELT Based Study	Asmat A. Sheikh	2019	Religacion
2.	Claiming the Feminine Voice: A Transitivity Analysis of Meatless Days.	Asmat A. Sheikh, Sadia Rahim, Hira Ali, Nazia Suleman, Tahira Asgher	2019	Dilema Contemporaneos: Educacion, Politicay Valores
3.	Induction, Fortification and Primacy of English as a medium of Instruction in Primary Education	Asmat A. Sheikh	2019	Amazonia Investiga
4.	Feminist Stylistics: Female Representations in Contemporary Stories by Pakistani Writers	Asmat A. Sheikh, Fatima Ali, Nazia Suleman, Hira Ali and Haniya Munir	2019	Dilemas Contemporáneos: Educación, Políticay
5.	Factors affecting the Motivation Level of Undergraduates ESL at University of Sargodha, Pakistan	Ifra Anam, Asmat A. Sheikh, Hira Ali and Waiza Mughal	2019	Modern Journal of Language Teaching Methods
6.	"I Know Why the Caged Bird Sings": An Illustration of Patriarchal Oppression"	Dr. Asmat A. Sheikh, Haniya Munir	2019	REVISTA INCLUSIONES
7.	Studying Dictionary Use Among the Law	Mamona Yasmin Khan, Masroor Sibtain	2019	International Journal of English Linguistics

	Graduates in Pakistan: A Lexicographic Inquiry			
8.	Cultural Content Analysis of 'o' Level English Text book in Pakistan	Masroor Sibtain, Abdul Ali, Hafiz Muhammad Qasim, Mamona Yasmin khan, et. Al.,	2019	Al-Qalam
9.	Academic English Language for Social Sciences Learners: A Case Study of Bahauddin Zakariya University, Multan	Iram Rubab, Mamona Yasmin Khan, Faiza Khan		
10.	A Lexicographic Inquiry into Law students' Language Proficiency and The role of Dictionary: a Law teachers' Perspective	Mamona Yasmin Khan, Masroor Sibtain	2019	HamdardIslamicus
11.	Mediating Intimacy through Phatic Tokens in Social Media Communication: A Pragmatic Inquiry	Mamona Yasmin Khan, Iram Rubab, Umair Kamran	2019	Pakistan Social Sciences Review
12.	Representation of Genderlect and Social Identities in Pakistan: An Analysis	Mamona Yasmin Khan, Iram Rubab, Fasiha Ali Akbar	2020	Pakistan Social Sciences Review
13.	Visual Communication in Corporate Brands: A Semiological Discourse Analysis of car Brochures	1Mamona Khan 2 Noreena Amjad 3Dr. Iram Rubab	2020	International Journal of Psychosocial Rehabilitation
14.	Transformation of Legal Texts into Simplified Accounts to Make the Justice Accessible	Dr. Iram Rubab 1, Mamona Yasmin Khan 2 & Dr. Tahira Asgher	2020	Pakistan Social Sciences Review
15.	An Investigation into the Effectiveness of MALL	1Mamona Yasmin Khan 1Huda Tufail	2020	Global Language Review

	during COVID-19 at the Higher Education in Pakistani EFL			
16.	Interplay of COVID19 induced Stress and Psychological Effects on Students' Language Learning: A Mixed Approach	Mamona Yasmin Khan * Fariha Chaudhary † Aqsa Choudhry	2020	Global Regional Review
17.	Analysing Escalating Feminist Voices Against Patriarchy in Jane Smiley's A Thousand Acres	Hassan Bin Zubair, Mamona Yasmin Khan, Saira Taj	2020	Academic Journal of Social Sciences

FACULTY OF SCIENCES

DEPARTMENT OF CHEMISTRY

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	Synthesis and in vitro cholinesterase inhibitory potential of dihydropyridine derivatives	Zafar, Ansa & Iqbal, Ambar & Aslam, Samina et al.,	2019	Pakistan journal of pharmaceutical sciences
2.	Enrichment of HDL Proteome and Phospholipidome from Human Serum via IMAC/MOAC Affinity.	Rabia Javeed, Dilshad Hussain, Fahmida Jabeen, Adeela Saeed , et al.,	2019	Biomedical Chromatography
3.	Metal Organic Frameworks Based Affinity Materials in Proteomics.	Adeela Saeed et al.,	2019	Analytical and Bioanalytical Chemistry
4.	Enrichment of HDL Proteome and Phospholipidome from Human Serum via IMAC/MOAC Affinity	Javeed, R.; Hussain, D.; Jabeen, F.; Saeed, A. ; Sajid, S.; Najam-ul-Haq	2019	Biomedical Chromatography

5.	Polyethylenimine Modified Chitosan Nanomagnets as Anion Exchanger for Phosphopeptides Enrichment	Dilshad Hussain, Syed Ghulam Musharraf, Batool Fatima,; Adeela Saeed, Fahmida Jabeen, Muhammad Naeem Ashiq, Muhammad Najam-ul-Haq	2019	Microchemica Acta
6.	Structural, magnetic and dielectric properties of Ni-Co doped BiFeO ₃ multiferroics synthesized via micro-emulsion route	Asif, Muhammad & Nadeem, Mubashar & Imran, Muhammad & Musaddiq, Sara et al.	2019	Physica B: Condensed Matter
7.	Reduced Graphene Oxide-Spinel Ferrite Nano-Hybrids as Magnetically Separable and Recyclable Visible Light Driven Photocatalyst	I. Shakir, P. Agboola, A. Rehman, M. A. Khan, S. Musaddiq et al.	2019	Synthetic Metals
8.	Tailoring the properties of nanocrystalline multiferroic BiFeO ₃ by simultaneous substitution of Bi ³⁺ and Fe ³⁺ metal cations for enhanced visible light driven photocatalysis	Suleman, Muhammad & Musaddiq, Sara et al.,	2019	Desalination and Water Treatment
9.	The impact of carbon nanotubes on the optical, electrical, and magnetic parameters of Ni ²⁺ and Co ²⁺ based spinel ferrites	S. Iftikhar, M. F. Warsi, S. Haider, S. Musaddiq	2019	Ceramics International
10.	Effective plant-endophyte interplay can improve the cadmium hyperaccumulation in <i>Brachiaria mutica</i> "	Muhammad Tayyeb Ahsan, Abida Ashraf et al	2019	Journal of Microbiology and Biotechnology.
11.	Fluctuations of nutrient levels in the infected and Healthy tissues of mango under exposure to Sudden death disease	Abida Ashraf et al.	2019	Pakistan journal of agriculture sciences

12.	A facile and concise route to (hydroxybenzoyl) pyrido[2,3-d]pyrimidine heterocycle derivatives: synthesis, and structural, spectral and computational exploration	Abida Ashraf et al.	2019	RSC Advances
13.	DFT study of the electronic and optical properties of ternary chalcogenides AlX_2Te_4	Sikander Azam, Shabbir Muhammad, Zeesham Abbas, Malika Rani, Tahira Saleem et al.	2019	Materials Research Express
14.	Electronic Structure and Optical Properties of Cubic $NaNbO_3$ and Tetragonal $KNbO_3$ Crystals: FirstPrinciples Study	S.Azam, M. Irfan, Z.Abbas, M. Rani, T.Saleem et al.	2019	Digest Journal of Nanomaterials and Biostructures
15.	Biosorbents: a hope for developing countries for the dye removal from industrial aqueous effluents	Muhammad Jahangeer, Muhammad Afzal Qamar Abdul Rehman, Naveed Munir, Imtiaz Mahmood Tahir, Shoukat Hussain, Syed Muhammad Ali Shah, Mehvish Ashiq, Hafiza Rameen Fatima, Haseeb Ahmad Khan	2019	National Journal of Medical and Health Sciences
16.	DFT study of the electronic and optical properties of ternary chalcogenides AlX_2Te_4 .	Sikander Azam , Muhammad Irfan, Malika Rani, Tahira Saleem , et. al.,	2019	Mater. Res. Express
17.	Advancements in combination therapy of Hepatitis C virus	Muhammad Jahangeer, Nighat Zia ud Din , Sana Karim , Shoukat Hussai , Mehvish Ashiq , Usman Ali , Anwar ul Haq , Naveed Munir , Zahed Mahmood and Abdul Ghaffar	2020	Pakistan journal of Pharmaceutical sciences

18.	Hantavirus diseases pathophysiology, their diagnostic strategies and therapeutic approaches: A review	Naveed Munir, Muhammad Jahangeer, Shoukat Hussain, Zahed Mahmood, Mehvish Ashiq , Fatima Ehsan, Muhammad Akram, Syed Muhammad Ali Shah, Muhammad Riaz, Aneezah Sana	2020	Clinical and experimental pharmacology and physiology
19.	Boronic acid functionalized MOFs as HILIC material for N-linked glycopeptide enrichment	Saleem S, Sajid MS, Hussain D, Jabeen F, Najam-ul-Haq M, Saeed A.	2020	<i>Analytical and Bioanalytical Chemistry</i>
20.	Tellurium Doped Zinc Imidazole Framework (Te@ZIF-8) for Quantitative Determination of H ₂ O ₂ from Serum of Pancreatic Cancer Patients	Fatima B, Hussain D, Saeed A , Majeed S. Nawaz R, Ashiq, Najam-ul-Haq M N, Mehmood R	2020	Scientific reports
21.	Highly porous terpolymer-ZIF8@ BA MOF composite for identification of mono- and multi-glycosylated peptides/proteins using MS-based bottom-up approach.	Saleem S, Sajid MS, Hussain D, Fatima B, Jabeen F, Najam-ul-Haq M, Saeed A.	2020	Microchemica Acta
22.	Facile Synthesis of Ce1-xFexO ₂ /NiO/rGO Ternary Hybrid Heterostructures with Enhanced Visible Light mediated Photocatalytic Activity for Waterborne Pollutants	Abdur Rahman, Sonia Zulfiqar, Sara Musaddiq et al.,	2020	Journal of Photochemistry & Photobiology, A: Chemistry
23.	Structural, Spectroscopic, Dielectric, and Magnetic Properties of Cu-Co-Co-substituted Manganese Soft Ferrites	M. Junaid, J. Jolly, N. Mubashar, M.A Khan, A. Manzoor, S. Ahmad, S. Musaddiq , et al.,	2020	Journal of Superconductivity and Novel Magnetism
24.	Ethnobotanical and Pharmacological Importance of the Herbal Plants With Anti-Hair Fall and Hair	K. Mustafa, J. Kanwal, S. Musaddiq ,	2020	Advanced Pharmacological Uses of Medicinal

	Growth Activities (Book Chapter 3)			Plants and Natural Products
25.	Cognitive Enhancement and Neuroprotective Abilities of Plants: Advanced Pharmacological Uses of Medicinal Plants and Natural Products (BOOK Chapter 7)	K. Mustafa, J. Kanwal, S. Musaddiq	2020	Advanced Pharmacological Uses of Medicinal Plants and Natural Products
26.	Thiazolidines; The Potential Antimicrobial Agents Against Methicillin Resistant Strains of Staphylococcus aureus	Mehwish Tanveer, Hira Musaddiq, Atia Iqbal, Sarwat Saleem, Sadia Iqbal, Basharat Ali, Kiran Mustafa, Sara Musaddiq	2020	Frontiers in Chemical Sciences
27.	Chronological effects of non-steroidal anti-inflammatory drugs therapy on oxidative stress and antioxidants status in patients with rheumatoid arthritis,	Haq Nawaz, Asma Ali, Tanzila Rehman , Amna Aslam.	2020	Clinical Rheumatology
28.	Synthesis of sensitive novel dual Signaling Pyridopyrimidine-Based Fluorescent “Turn off” Chemosensors for Anions determination	Abida Ashraf , Misbah Khizar, Muhammad Islam, Abdul Hameed, Syed Tarique Moin, Muhammad Yaqub, Waqar Rauf, Muhammad Moazzam Naseer, Muhammad Tayyeb Ahsan, Zahid Shafiq and Fazal Mabood	2020	Measurement
29.	Regioselective, one-pot, multi-component, green synthesis of substituted benzo[c]pyrazolo [2,7]naphthyridines†	Abida Ashraf et. al.,	2020	RSC Advances
30.	Regioselective synthesis of fused ring heterocyclic derivatives of ketene amins and their biological activities.	Abida Ashraf et. al.,	2020	Journal of Heterocyclic chemistry

31.	Synthesis, Characterization and <i>In Silico</i> Studies of Novel Spiro oxindole Derivatives as Ecto-5'-Nucleotidase Inhibitors	Abida Ashraf et. al.,	2020	ACS Medicinal Chemistry Letter
32.	Efficient adsorbent derived from Haloxylon recurvum plant for the adsorption of acid brown dye: Kinetics, isotherm and thermodynamic optimization	Warda Hassan, , Sajida Noreen et. al.,	2020	Surfaces and Interfaces
33.	Adsorptive removal of anionic dyes in aqueous binary mixture by anion exchange membrane	Hina Masood, Shagufta Zafara, Hafeez ur Rehman, Muhammad Imran Khan, Hafiz Badaruddin Ahmad, Aqsa Naza, Warda Hassan et. al.,	2020	Desalination and Water Treatment
34.	Adsorptive removal of methyl orange and acid blue-2445 from binary system by anion exchange membrane BI: non-linear and linear form of isotherms	Farzana Hanif , Samreen Ehsana,....., Warda Hassan et. al.,	2020	Desalination and Water Treatment
35.	A Green Nutraceutical Study of Antioxidants Extraction in Cleome brachycarpa - An Ethnomedicinal Plant	Tahira Saleem, Ayesha Sumra, Samra Khan*, Maryam Zain, Warda Hassan, Sehrish Mehdi, Noor-Ulain Wahid, Samrah Kanwal & Tehseen Gull	2020	Sains Malaysiana
36.	Seroprevalence of Toxoplasma gondii and associated hematological alterations in small ruminants of D.G. Khan district of Southern Punjab, Pakistan	M.H. Lashari ¹ , U. Farooq ² , S. Mubeen ³ , W. Hassan et. al.,	2020	Arq. Bras. Med. Vet. Zootec

37.	Electronic Structure and Optical Properties of Cubic NaNbO_3 and Tetragonal KNbO_3 Crystals: First Principles Study.	S. Azam, M. Irfan, Z. Abbas, M. Rani, T. Saleem , A. Younus, N. Akhtar, B. Liaqat, M. Shabbir, Abdullah G. Al-Sehemi.		Journal of Nanomaterials and Biostructures
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DEPARTMENT OF PHYSICS

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	Structure and magnetic studies of Ce-Mn doped M-type $\text{SrFe}_{12}\text{O}_{19}$ hexagonal ferrite synthesized by sol gel autocombustion method	Sidra Abdul Satar, Muhammad Hashim, Maria Zahid, Saher Fatima Gillani, Ambreen Kalsoom, Muhammad Naeem Ashiq, Iqra Inam, Muhammad Safdar, Misbah Mirza	2019	journal of magnetism and magnetic materials
2.	Structural and dielectric properties of Gd-Zn substituted $\text{Ca}_{0.5}\text{Ba}_{0.5}\text{Fe}_{12}\text{O}_{19}$ M-type hexa-ferrites synthesized via auto- combustion method	Nazia Yasmin, Maria Zahid, Hasan Mehmood Khan, Muhammad Hashim, Misbah Ul Islam, Sadia Yasmin, Muhammad Altaf, Bushra Nazar, Muhammad Safdar, Misbah Mirza	2019	Journal of alloys and compound
3.	Structure and magnetic studies of Ce-Zn doped M-type $\text{SrFe}_{12}\text{O}_{19}$ hexagonal ferrite synthesized by sol gel autocombustion method	Nazia Yasmin, Muhammad Zubair Iqbal, Maria Zahid, Saher Fatima Gillani, Muhammad Naeem Ashiq, Iqra Inam, Sidra Abdul Satar, Muhammad Safdar, Misbah Mirza	2019	Ceramics International
4.	Ultra-short auto correlatory using a femtosecond Laser for quantification of glucose and salt levels in turbid media	S. Ashraf, H. Ullah, F. Abdleeb, M. Ikram, A. Nazir, Z. Batool	2019	Laser in Eng.

5.	DFT study of the electronic and optical properties of ternary chalcogenides AlX_2Te_4	Sikander Azam ¹ , Muhammad Irfan ² , Zeesham Abbas ² , Malika Rani et al.	2019	Materials research papers
6.	Density Functional Theory Investigations of the Optoelectronic Properties of Li_2MnGeS_4 and Li_2CoSnS_4	Sikander Azam, Mamoonah Mahboob, Sobia Ali, Malika Rani et al.	2019	World scientific publishing company
7.	Novel room-temperature ferromagnetism in Gd-doped 2-dimensional Ti_3C_2Tx MXene semiconductor for spintronics	Sunaina Rafiq & SaifUllah Awan & Ren-Kui Zheng & Malika Rani	2019	Journal of Magnetism and Magnetic Materials
8.	MD-Simulations, Composite Materials, Polymer-electronics, Phase MD-Simulations, Composite Materials, Polymer-electronics, Phase Change Materials.	Muhammad Umer & Sikander Azam & Malika Rani et al.	2019	Energy conversion and harvesting
9	Electronic Structure And Optical Properties Of Cubic Nb_2O_3 And Tetragonal $KNbO_3$ Crystals: First Principles Study	Sikander Azam & Muhammad Irfan & Malika Rani et al.	2019	Journal of Nanomaterials and Biostructures
10	Insight into the Optoelectronic and Thermoelectric Properties of Mn Doped ZnTe from First Principles Calculation	Wilayat Khan , Sikander Azam , Inam Ullah, Malika Rani et al.	2019	<u>Crystals</u>
11.	Effect of binary mixture of Nd-Zn on the electrical, structural and dielectric behavior of calcium barium M type hexaferrite nanoparticles	HM Khan, I Sadiq, K Ali, M Mirza et al.,	2020	Indian Journal of Physics
12.	Influence of Ce-Mn substitution on Dielectric and Magnetic Properties of Strontium based X-type hexaferrites	Mahwish Zareen, ...et al., Misbah Mirza	2020	Journal of Magnetism and Magnetic Materials

13.	Novel room-temperature ferromagnetism in Gd-doped 2-dimensional Ti ₃ C ₂ T _x MXene semiconductor for spintronics.	Rafiq, Sunaina, Awan, SaifUllah, Zheng, Ren-Kui, Wen, Zhenchao, Rani, Malika , Akinwande, Deji, & Rizwan, Syed	2020	Journal of Magnetism and Magnetic Materials
14.	Co-existence of magnetic phases in two-dimensional MXene.	qbal, Mehroz, Fatheema, Jameela, Noor, Qandeel, Rani, Malika , Mumtaz, Muhammad, Zheng, Ren-Kui, . . . Rizwan, Syed	2020	Materials Today Chemistry
15.	Magnetic and electrical properties of Ba ₂ Co ₂ Fe ₁₂ O ₂₂ /PANI composites prepared by insitu polymerization	Bhatti, M Abuzar, Siddiq, Aisha, Azam, Sikander, Vu, Tuan V, Islam, MU, Rani, Malika , & Muhammad, Shabbir.	2020	Physica B: Physics of Condensed Matter
16.	Structural and morphological analysis for cerium (Ce ⁺³) doped intercalated 2D MXene	Malika Rani	2020	Proc. SPIE
17.	Structural, electronic properties and reflectivity of ScTGe (Ag, Cu) Compounds	Malika Rani	2020	Journal of Nanoscope
18.	Optical Properties of ZnS and Effect of Doping with Transition Elements	Malika Rani	2020	Journal of Nanoscope
19.	First Principle's Prediction of the Electronic and Optical properties of Ca ₄ Bi ₆ O ₁	Malika Rani	2020	Journal of Nanoscope
20.	Experimental investigation of low dimensional spin system in metal oxides	Malika Rani	2020	Journal of Nanoscope
21.	Exploring novel biomedical applications of rocksalt CdS system with various Eu concentrations (A theoretical study)	Junaid Iqbal Khan, M, Kanwal, Zarfishan, Liu, Juan, Ijaz, Abera , & Usmani, Nauman.	2020	International Journal of Physics B

22.	Magnetic and electrical properties of Ba ₂ Co ₂ Fe ₁₂ O ₂₂ /PANI composites prepared by insitute polymerization	MA Bhatti, A Siddiq, S Azam et. Al.,	2020	Physica B: of Condensed Matter
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FACULTY OF ECONOMICS, COMMERCE AND MANAGEMENT SCIENCES

DEPARTMENT OF ECONOMICS

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	How Does Foreign Direct Investment Affect Economic Growth in Pakistan: A Time Series Data Analysis.	Ali, H., Farooq, F., Sardar, K., and Bhutta., Z	2019	Review of Economics and Development Studies.
2.	Intergenerational Income Mobility: Evidence from Pakistan	Abbas, I., Ali, K. and Batool, S.	2019	Pakistan Journal of Social Sciences
3.	Foreign Direct Investment and Sustainable Long Run Economic Growth Nexus: A Case Study of Pakistan.	Hina Ali Sajjad Nawaz Khan Fouzia Yasmin Ruqia Shaheen	2019	Global Business Management Review
4.	Energy Consumption, Environmental Degradation and Economic Growth in Developing Countries.	N Safdar, IS Chaudhry	2019	Pakistan Journal of Social Sciences (PJSS), 39(2).
5.	Trade liberalization, foreign direct investment inflows, environmental quality and economic growth nexus: a comparative analysis of Pakistan and China.	Alvi, S., Chaudhry, I. S., Farooq, F., & Safdar, N.	2019	Review of Applied Management & Social Science
6.	Energy Use and Human Health Nexus in Pakistan.	N Safdar, H Asif, F Farooq	2020	Review of Economics and Development

7.	How do Population and Poverty Affect Environmental Degradation in Developing Countries? A Panel Data Analysis.	Farooq, Fatima, Muhammad Ali Gardezi, and Noreen Safdar.	2020	Review of Applied Management & Social Science
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INSTITUTE OF MANAGEMENT SCIENCES

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1.	The Impact of Emotional Labor Strategies on Employee Behaviors: A Conservation of Resources Perspective	Maria kanwal, Nosheen Aziz	2019	Pakistan Journal of Social Sciences
2.	Reward, a driver to creativity: mediating role of appraisals of reward between self efficacy and creative performance.	Dr. Saadia Irshad	2019	Amazonia Investiga
3.	Impact of Trust and Subjective Wellbeing on Procedural Justice: A Mediation Study.	Dr. Saadia Irshad, Ms. Maria Shams Khakwani	2019	RevistaInclusiones,
4.	“Exploring the relationship between stock exchange prices and macroeconomic indicators in Pakistan: An application of ARDL approach”	Dr. Saadia Irshad	2019	Orient Research Journal of social sciences
5.	Reward, a driver to creativity: mediating role of appraisals of reward between self efficacy and creative performance.	Ms. Maria Shams Khakwani	2019	Amazonia Investiga
6.	Investor Sentiments and Trading Volume’s Asymmetric Response: a	Ms. Maria Shams Khakwani	2019	Journal of Accounting and Finance in

	Non-linear ARDL Approach Tested in PSX.			Emerging Economies,
7.	The Impact of Emotional Labor strategies on employee behaviors: A Conservation of Resources Perspective”	Nosheen Aziz , Saima Naseer, Raza Ali, Maria Kanwal	2019	Pakistan Journal of Social Sciences.
8.	Determining Optimal Capital Structure: Case Of Corporate Taxes In Pakistan	Saadia Irshad, Maria Shams Khakwani, Anam Zafar, Asad Sultan,	2020	Pakistan journal of social sciences
9.	Numerical Solutions Of Unsteady Flows In A Rotating Channel Using A Novel Eigenfunction Expansion Method”	Qammar Rubab, Yasir Mahsud, Saadia Irshad, M.A. Imran, A. Ahmadian, S. Salahshour, Marco Ferrara,	2020	AIP Advances
10.	Antecedents of Purchase Intentions towards Counterfeit: via Mediating Effect of Attitude.	Malka Liaquat., Saadia Irshad et al.,	2020	Pakistan Journal of Social Sciences
11.	Impact of Family Ownership, Leverage, Firm size and Age on Agency Cost of Family and NON-Family Firms in Pakistan”	Malka Liaquat, Saadia Irshad et al.,	2020	Al-Qalam
12.	Spillover Effect between Stock and Currency Markets: An Empirical evidence from Developed and Developing Economies.	Luqman, R., Kousar, R., Khakwani, M.S., Tabasum,	2020	Engineering & Management,

13.	Social Outcomes of Corporate Governance: Evidence from the Food Industry of Pakistan”.	Nadia Nazeer, Saadia Irshad, Maria Kanwal, Maria Shahid, & Naureen Afzal.	2020	Revista Amazonia Investiga
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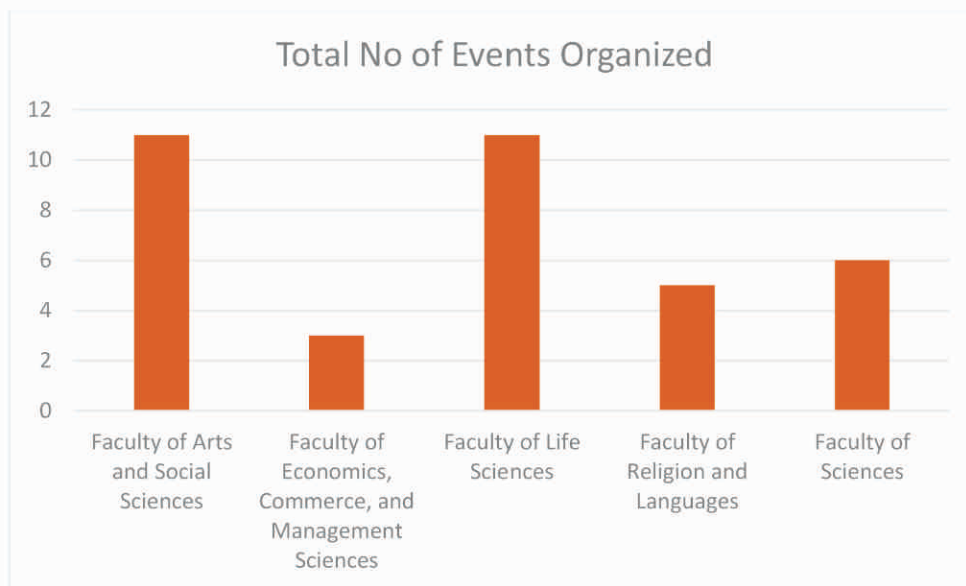
Other Publications (BOOK CHAPTERS)

S. No.	Paper Title	Name of Author/s	Year	Name of Journal
1	Sustainopreneurship: A New World Order. – (Book chapter)	Jawad Iqbal, Shakeela Kousar,	2020	Handbook of Research on Managerial Practices and Disruptive innovation in Asia
2	"Customer Loyalty and retention in the restaurant industry of Pakistan (Book Chapter)	Cheema, S., Liaquat, M., Wyne, F. and Ishaque, S.	2020	”, Advances in Hospitality and Leisure (Advances in Hospitality and Leisure, Vol. 15), Emerald Publishing Limited

NUMBER OF CONFERENCES ORGANIZED BY WUM FOR THE YEAR (2019-2020)**DETAILS OF CONFERENCES**

S. No.	Organized By	Title	Date
1.	Faculty of Sciences	one day conference on Research Methodology, Innovation and Patent Writing	20.12.2019
2.	Faculty of Sciences	iiScience International Conference on “Light Generation Sensing and Energy”	2-4 March, 2020
3.	Faculty of Life Sciences	Dukhtaran e Pakistan Summit Vision 2020”	09.03.2020
4.	Faculty of Sciences & Life Sciences	International Conference of Chemical & Life Sciences ICCL-2020	03.09.2020
5.	Faculty of Sciences	International E-Conference on "Promoting Physics Among Women In Pakistan"	17-18 August, 2020
Total			05

**DETAILS OF NATIONAL/INTERNATIONAL SEMINARS/WEBINARS ORGANIZED
BY WUM (2019-2020)**



S. No.	Name of Faculty/ Institute	Total No of Events Organized
1.	Faculty of Arts and Social Sciences	11
2.	Faculty of Economics, Commerce, and Management Sciences	03
3.	Faculty of Life Sciences	11
4.	Faculty of Religion and Languages	05
5.	Faculty of Sciences	06
Total		36

FACULTY OF ARTS AND SOCIAL SCIENCES

Sr. No.	Department	Title	Date	Total
1.	Applied Psychology	Research Seminar on Thesis Writing	11.08.2019	01
2.	History & Pakistan Studies	International Seminar on the History of Medicine with Respect to the Time and Proficiency		01
3.	Sociology	One day workshop on personality development with intermediate branch		09
		World Day against Child Labor"		
		International Day of Innocent Children Victims of Aggression		
		World Elder Abuse Awareness Day		
		World Population Day		
		World Day Trafficking in Persons		
		You-e-Istehsal-e-Kashmir		
		Pakistan Independence	14-08-2020	
Total				11

FACULTY OF ECONOMICS, COMMERCE AND MANAGEMENT SCIENCES

S. No.	Department	Title	Date	Total
1	Institute of Management Sciences	One day Seminar on Services of Violence against women center	27.02.2020	3
		One Day Careem Buddy program.	30.01.2020	

		Faculty Development Program	09.10.2019	
Total				3

FACULTY OF LIFE SCIENCES

S. No.	Department	Title	Date	Total
1	Biochemistry & Biotechnology	Awareness on Waste Management	06.12.2019	4
		International Virtual Seminar on Designing Assessments in Research Based Education	19.06. 2020	
		Webinar on World Food Safety organized by Department of Biochemistry	07.06.2020	
		International training workshop titled “Research Methodology, Publications, Grant Proposals, Innovative Patent and Writing Techniques	12.06. 2020	
2	Botany	Department of Botany and Department of Environmental Sciences jointly organized One Day awareness seminar on “Tree Plantation for Better Future”	05.09.2019	2
		One Day awareness seminar on Emerging trends in Plant Entrepreneurship	24.10.2019	
3	Environmental Sciences	Department of Botany and Department of Environmental Sciences jointly organized One Day awareness seminar on “ Tree Plantation for Better Future”	05.09.2019	-
5	Pharmacy	One day Seminar on BMI and Iron status in Females	13.12.2019	2
		International Seminar on Safe use of Drugs	30.09.2019	
6	Zoology	seminar on “ Career Planning”	19.12.2019	3
		Seminar on “World Wildlife Day”	04.03.2020	
		Seminar/Training on Vermi Compost	20.09.2019	

Total			11
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FACULTY OF RELIGION AND LANGUAGES

S. No.	Department	Title	Date	Total
1	English	Seminar “A Practical Application of Systematic Functional Linguistic & Grammar”	18.02.2020	2
		Organized Awareness Seminar on Role of Wafaqi Mohtasib in Pakistan		
3	Islamic Studies & Comparative Religions	Breast Cancer Awareness Seminar	08.10.2019	3
		Anti- Narcotics Awareness Seminar	15.10.2019	
		Awareness Seminar on Drug Abuse	13.12.2019	
Total				5

FACULTY OF SCIENCES

S. No.	Department	Title	Date	Total
1	CS & IT	One day National Seminars on “ Exploring New Frontiers of Artificial Intelligence, Research paper writing, Plagiarism Removing and submission”	31.10.2019	2
		International Webinar for universal access to information on	05.10.2020	
2	Chemistry	One Day Symposium on Role of Researcher Link Academia & Industry	20.09.2019	1
3	Mathematics	Seminar on Emerging trends of Data Science and Cryptography	21.09.2019	2
		One day workshop on “ GRE Quantitative Reasoning	25.02.2020	
5	Statistics	Seminar on Higher Education in France	19.09.2019	1
Total				6

LAUNCH OF RESEARCH JOURNAL

Keeping in view the growing impact of globalization, WUM has launched research journals of various disciplines. The journals will aim to advance and disseminate scientific research and discovery, promote physics, and serve the broader community. Following 10 journals have been launched:

Frontiers in Chemical Sciences

Pakistan Journal of Biochemistry and Biotechnology

The Journal of Microbiology and Molecular Genetics

Journal of Nanoscope

Annals of Social Sciences and Perspective

Perennial Journal of History

Statistics

Computing and Interdisciplinary Research

Alhidaya

Armaghan

International Journal of Linguistics and Culture

CHAPTER 3

QUALITY ASSURANCE

OVERVIEW

The progress of any country depends on the quality of human resources in various sectors of the economy. Universities play a significant role in producing and ensuring the quality of human resources. The Higher Education Commission (HEC) has been emphasizing the importance of higher education through the establishment of Quality Enhancement Cells (QECs) at all public and private sector universities. The function of QEC, in all institutions of higher education, is to implement quality policies and programs as advised by National Quality Assurance Committee of Higher Education Commission of Pakistan. The Women University Multan is also committed to quality in higher education and has, therefore, established an independent QEC within its campus.

OBJECTIVES OF QEC-WUM

The strategic quality objectives of the QEC are:

- Development and implementation of QE policies and procedures of Higher Education Commission, Pakistan
- Capacity building of WUM faculty & staff
- Assessment of the current status of educational quality at departmental level
- Audit of the educational processes and initiation of measures for the enhancement of education & research quality
- Monitoring the implementation of the recommendations made
- Review of academic collaboration with other institutions in terms of effective management of standards and quality of programs
- Internationalization of WUM

FUNCTIONS

- To strengthen academic collaboration with reputable National/International universities/organizations in order to bring the quality of education and research at par with international standards
- To get feedback from students, teachers, graduates, parents, employers and other stakeholders on prescribed intervals.
- To evaluate the feedback and suggest appropriate measures to concerned quarters for implementation if deemed necessary
- To enhance the confidence of faculty members, students, their parents, regulatory bodies and society at large in the quality of education imparted at WUM.

IMPACT OF QUALITY ENHANCEMENT CELL

Quality Enhancement Cells have been established in universities to ensure the provision and maintenance of quality education and research in the field of higher education and also to monitor the ongoing quality assurance measures in every university. The impact of quality assurance measures undertaken by QEC and the changes it has brought about in WUM are hereby outlined below :-

- Created the awareness about self-assessment, its procedures and implementation at departmental level.
- Streamlined the maintenance of faculty folders of Bachelors, Masters, M.Phil and Ph.D Degree programs.
- Lesson plan and course material files are being maintained and distributed among students.
- Streamlined the educational processes i.e. admission, registration and guidance to students etc.

SELF ASSESSMENT PROGRESS

Self-assessment is an important tool for quality assurance as it provides feedback to the management to initiate action plan for improvement. The same procedure has also been adopted by the Women University Multan. The data is collected by using Self Assessment Manual for the purpose of self-assessment of a particular academic program. Quality Enhancement Cell at the Women University Multan is continuously striving for implementation of SAM at departmental level.

The salient features of self-assessment are as under:-

- It helps in the maintenance and continuous enhancement of performance.
- It enhances the effectiveness of the output.
- It verifies that the existing activities have met their objectives and institutional goals.
- It provides feedback for quality assurance to the management.

Self-assessment activities have been successfully completed for all programs in all departments of WUM.

WUM STRUGGLING FOR QUALITY ASSURANCE IN E-LEARNING

The Covid-19 pandemic created a situation in which universities were required to shift from face-to-face on-campus teaching to online teaching and learning systems. WUM has taken initiative to digitalize teaching and learning system while struggling hard to assure quality in E-learning. Detailed policy on online teaching and learning has been prepared by QEC in this regard and has been published separately.



Efforts of WUM faculty and staff are commendable who worked tirelessly round the clock to contribute to this challenge.

It was extremely challenging to adopt a new system but, due to the untiring efforts of the faculty and IT team, this milestone has been achieved. It is also noteworthy to mention that WUM was able to achieve 93.04 percent score in evaluation conducted by HEC through data submission to HEDR, a central data repository maintained by Higher Education Commission of Pakistan and, hence, bringing the young university at far better position than most of the established universities in Pakistan.

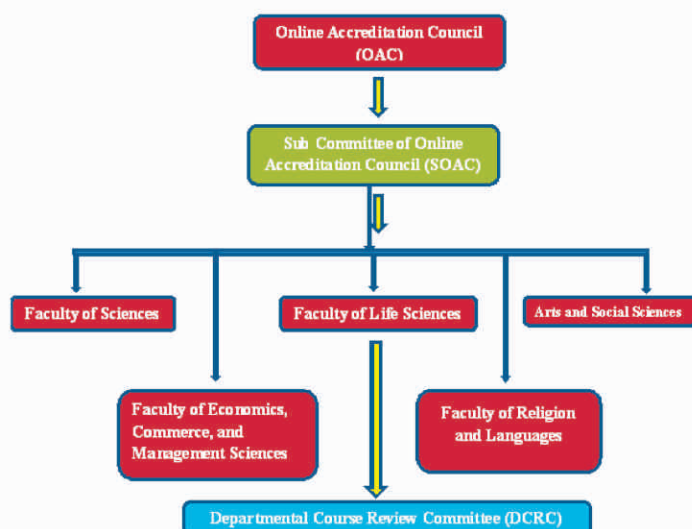
This assessment was made by HEC on the basis of the following parameters: Institutional Readiness, Course Readiness, Faculty Readiness, Technology Readiness, Library Readiness, Student Readiness, Evaluation Readiness, and Laboratory Readiness.

Institutional Readiness

WUM has acquired Moodle LMS (Learning Management System) for online teaching and learning where teachers can create and disseminate e-content in the four quadrant approach to their students in a flexible manner. A transparent policy and SOPs have been adopted to determine the capacity of courses and to certify that these courses can be taught through online means.

For quality assurance and monitoring of online classes, the University has launched three-tier evaluation process i.e., first evaluation at departmental level in Departmental Course Review Committee (DCRC), second stage of approval at Subcommittee of Online Accreditation Council (SOAC) lead by Quality Enhancement Cell (QEC) and Task Force constituted for the continuous monitoring of online education. Final approval is done by Online Accreditation Council (OAC). Online Academic Council has also approved all the policies and SOPs for online education developed by the University.

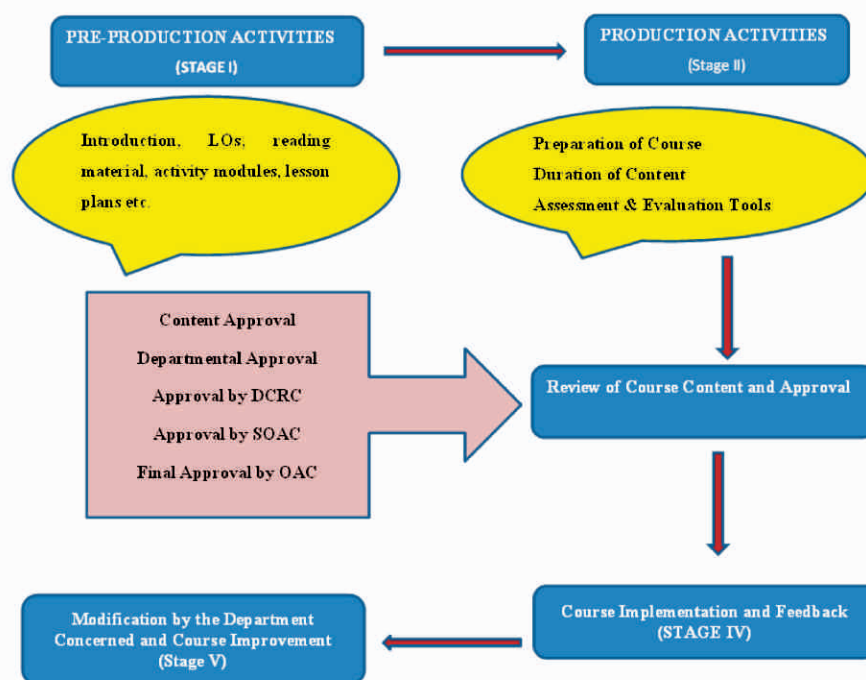




Governance for Quality Assurance

A governing system has been introduced to approve online courses, examination and assessment strategies, and also to ensure their continuous monitoring. For this purpose, the following committees have been notified:

Guidelines for Developing Online Courses



Preparedness of Faculty for Online Teaching

- Keeping in view the fact that online teaching has different requirements from face-to-face teaching, comprehensive online training sessions have been conducted for faculty to enhance the quality of online teaching and to learn about using LMS, online techniques and resources. Training has been conducted to record online lectures by using software e.g., Zoom.
- Recording studio has been set up at campus to assist faculty in lecture recording process.



The Women University Multan ranked at 601+ in University Impact Rankings 2020 by The Times Higher Education World University Rankings

The Women University Multan has been ranked at 601+ in the World University Impact Rankings 2020 as released by the Times Higher Education. WUM participated in impact ranking for the first time exhibiting its commitment to sustainability and making a positive social impact through its partnerships, research, teaching, community engagement and knowledge transfer. Director, Quality Enhancement Cell, is the focal person for data entry for these rankings.

THE Impact Rankings in fact show how the global higher education sector is working towards the United Nations' Sustainable Development Goals (SDGs). There are 17 SDGs which were adopted by the UN in 2015 to provide a framework to achieve a better and more sustainable future for all. These include ending poverty and hunger, promoting good health and well-being and quality education, achieving gender equality and economic growth, providing access to clean water and sanitation and affordable and clean energy, fostering innovation, reducing inequalities, building sustainable cities and communities and achieving responsible consumption and production, tackling climate change, managing sustainably life below water and life on land, promoting peaceful societies, and revitalizing global partnerships.

WUM submitted evidence on 5 of the 17 SDGs.



SDG 5: Gender Equality

Rank: 101-200

As the first university for women in Multan, the university seeks to highlight the importance of education and its ability to empower women. Its mission is to provide encouragement, support and opportunity to its female students to help them grow and develop into successful graduates.



SDG 15: Life on Land

Rank: 201+

A flourishing life on land is the foundation of our life on this planet. We are all part of the planet's ecosystem and we have caused severe damage to it through deforestation, loss of natural habitats and land degradation. Promoting a sustainable use of our ecosystems and preserving biodiversity is not a cause; it is the key to our own survival.

WUM aims to protect, restore, and promote sustainable use of terrestrial ecosystems and halt and reverse land degradation and stop biodiversity loss.



SDG 4: Quality Education

Rank: 401-600

The Women University Multan was originally the Kutchery Campus of Government Degree College for Women. It became the Women University in 2012 under the 2010 Act approved by the Punjab Assembly. The university has five faculties offering both undergraduate and postgraduate courses. Students can choose to study arts and social sciences, life sciences, sciences, religion and languages,

or economics, commerce and management sciences. Within each faculty, there are several departments specializing in particular areas.



SDG 10: Reduced Inequalities

Rank: 401-600

For reducing inequalities due to race, marital status, ethnicity, religion, financial background, and disabilities, WUM has clear non-discrimination policy which emphasizes merit-based policies and measures in all matters of university employment and administration. Admission to university academic programs is open to all persons of female gender, and admission to the university shall not be denied on

the basis of religion, race, creed, caste or color. Since its inception, the Women University Multan has been offering two types of financial assistance to its brilliant, needy, orphan and disabled students on the basis of need or student's financial status.



SDG 17: Partnerships for Goals

Rank: 600⁺¹

WUM aims to link academia with public organizations, industries and social sector to promote and encourage researchers and startups and to ensure a transparent flow of knowledge. To achieve goals, various MoUs have been signed with national and international organizations.

QEC Team

For assistance in different tasks, additional charges of Assistant directors are assigned to following staff members.

QEC Team

For assistance in different tasks, additional charges of Assistant directors are assigned to following staff members.

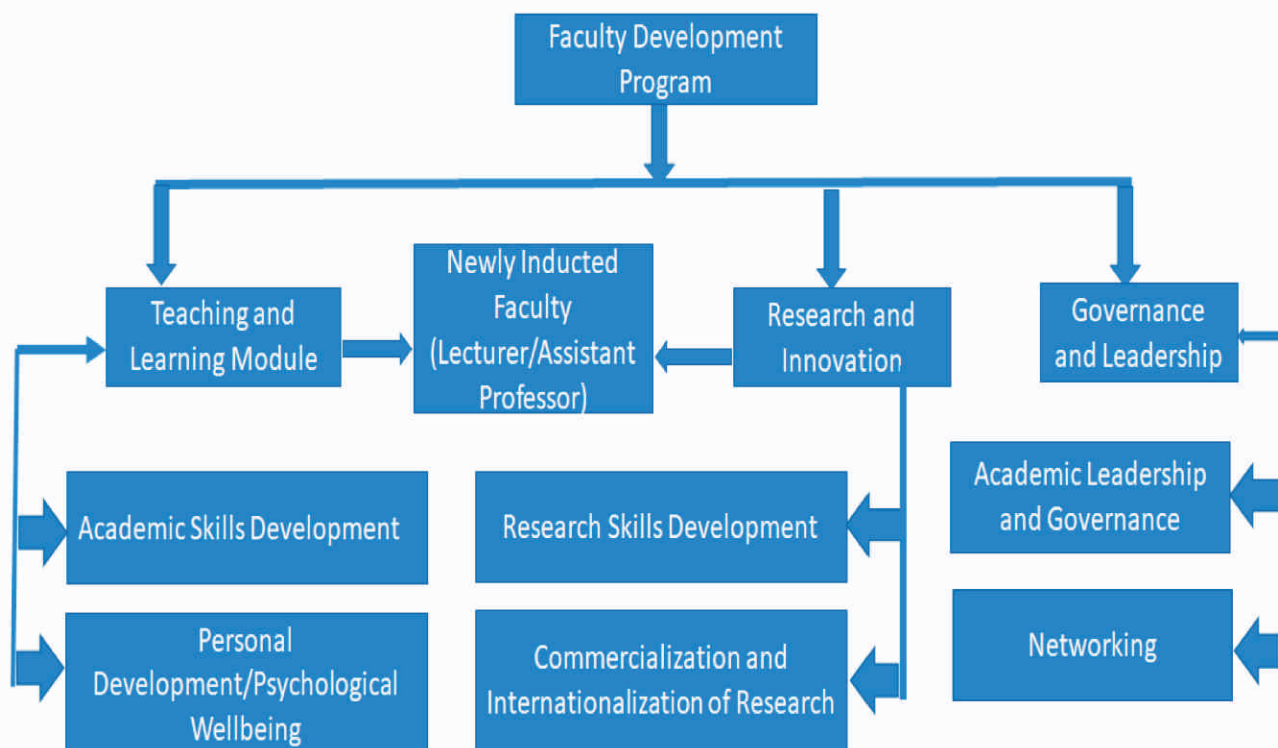
Sr. #	Names	Designation	Department
1	Dr. Ayesha Rashid	Assistant Professor	Pharmacy
2	Ms. Malka Liaqat	Assistant Professor	IMS
3	Ms. Raima Nazar	Lecturer	Economics
4	Ms. Nosheen Aziz	Lecturer	IMS
5	Ms. Uzma Ishaq	Lecturer	Botany
6	Syeda Shaima Meryam	Lecturer	Environmental Sciences

CHAPTER 4

FACULTY DEVELOPMENT

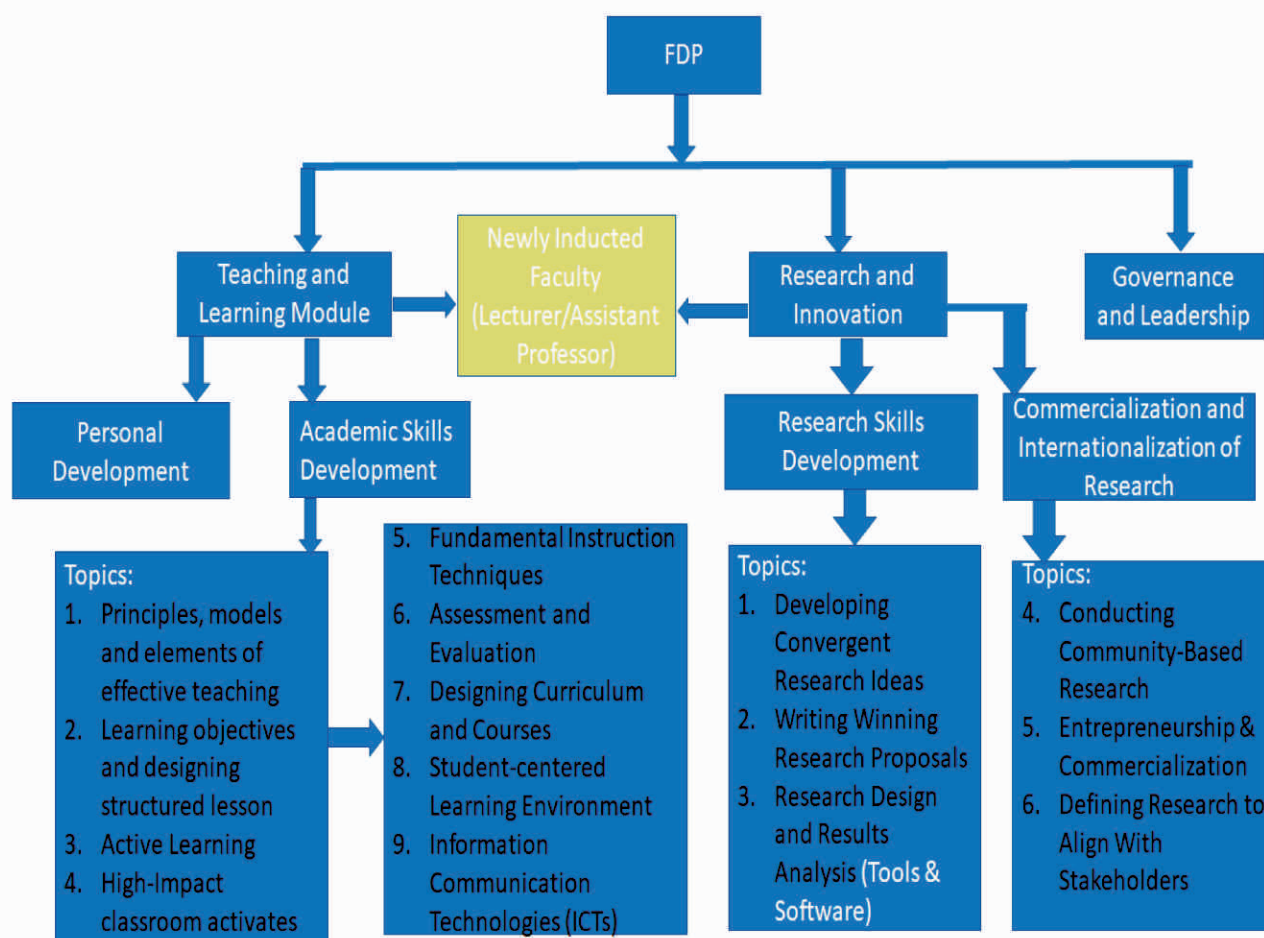
Responding to the challenges in the context of globalization and for achieving the Sustainable Development Goals, the role of Higher Education Institutes (HEIs) has become all the more crucial than ever. The Women University Multan initiated the Faculty Development Program (FDP) for enhancing the potential and capacity of faculty to achieve Sustainable Development Goals. Faculty Development is a continuous phenomenon and it is imperative to achieve academic excellence. Therefore, to improve the quality of academic programs, the addition of new faculty is a regular feature at the university. The management of the university has great coherence, liaison and coordination with faculty in order to enhance quality educational & research opportunities. Resultantly, WUM is producing useful & trained human resource in specialized sectors of Sciences, Information Technology, Management Sciences and Allied Disciplines.

Framework of FDP



Objectives

- **Equip** the prospective faculty with necessary pedagogical skills and develop in students critical thinking and practical skills.
- **Enable** faculty members to understand their significance for optimum development and achievement of Sustainable Development Goals (SDGs).
- **Foster** creativity, expertise, and research culture required for the socio-economic development of the country.
- **Motivate** the faculty to improve their communication skills, networking, and leadership capability in the life-long learning process.



Details of Faculty in Each Department is as follows

Sr. No.	Name of Department	Lecturer	Assistant Professor	Associate Professor	Professor	Total
Faculty of Religion & Languages						
1.	English	05	13	07	--	25
2.	Islamiyat	03	04	01	01	08
3.	Arabic	--	--	--	--	--
4.	Urdu	03	--	02	01	06
Faculty of Arts & Social Sciences						
5.	Arts & Design	01	--	--	--	01
6.	Political Science & IR	04	02	--	--	06
7.	Applied Psychology	04	04	01	--	09
8.	History & Pakistan Studies	03	01	--	01	05
9.	Education	02	02	--	--	04
10.	Sociology	04	01	--	--	05
11.	Mass Communication	03	--	--	--	03
Faculty of Science						
12.	CS & IT	08	02	--	--	10
13.	Chemistry	06	06	01	01	14
14.	Mathematics	04	03	--	--	07
15.	Statistics	03	03	01	--	07
16.	Physics	04	04	05	--	14
Faculty of Life Sciences						
17.	BBT	03	03	--	--	06
18.	Botany	04	05	--	--	09
19.	Environmental Sciences	01	03	--	--	04
20.	MMG	07	04	--	--	11
21.	Zoology	04	05	--	--	09
22.	Pharmacy	06	02	--	--	08
Faculty of Economics, Commerce & Management Sciences						
23.	Economics	03	04	01	--	08
24.	Institute of Management Sciences	08	03	--	--	11

The University has been encouraging and supporting its faculty and researchers to opt for different professional development training programs both at national and international levels. These programs include short term trainings and other joint research and development activities with universities and institutions. The faculty and researchers have also been facilitated for presenting their research and publications at national and international forums. The faculty members were encouraged to improve their qualifications and visit universities abroad to update their technical knowledge and transfer technical know-how back home from international universities/institutes. During the year, the following faculty members obtained doctoral/post-doctoral fellowships and short term training abroad:

RESEARCH VISITS:

Sr. No.	Faculty Member	Department	Program
1.	Dr. Maryam Zain	Biochemistry & Biotechnology	Postdoc (UK)
2.	Dr. Samina Aslam	Chemistry	Postdoc (UK)
3.	Dr. Atia Iqbal	MMG	Research visit (China)

TRAININGS AND WORKSHOPS ATTENDED BY FACULTY (2019-20)

FACULTY OF ARTS AND SOCIAL SCIENCES DEPARTMENT OF ARTS & DESIGN

Sr. No.	Title of Training	Name of Faculty Member/s	Organization	Date(s)
1.	One Day Workshop on Research Innovation, Commercialization & Paper Writing Skills	Ms. Sonia Nasir Khan	The Women University Multan	30-09-2019
2.	One Day Workshop on Research Methodology for Social Sciences Emerging Trends and Counter Measures		The Women University Multan	15-10- 2019
3.	One Day Training Workshop for the Teaching Faculty at The Centre for Intermediates Studies		The Women University Multan	24-10-2019

DEPARTMENT OF EDUCATION

Sr. No.	Title of Conference/Symposium	Faculty Member/s	Organization	Date(s)
1	Online Education: Tools & Strategies	Dr. Hina Munir Ms. Kiran Khadim	PHEC	21-07-2020 to 23-07-2020
2	Research, Innovation, Commercialization & Paper Writing Skills		WUM	30-09-2019
4	Learners Psychology	Ms. Kiran Khadim	PHEC	2&3-12-2019
5	Skill Based Faculty Training Program		WUM	9-10-2019-to 11-10-2019

DEPARTMENT OF APPLIED PSYCHOLOGY

Sr. No.	Title of Conference/Symposium	Faculty Member/s	Organization	Date(s)
1	Skill Based Faculty Training Program	Ms. Asma Bashir Ms. Maham Imtiaz	WUM	9-10-2020 to 11-10-2019
2	Training Workshop on Strengthening Research Planning Using Elsevier Tools-Scopus, Science Direct and Mendeley	Ms. Sadia Musharraf	PHEC	22-10-2020

DEPARTMENT OF MASS COMMUNICATION

Sr. No.	Title of Training	Faculty Member/s	Organization	Date (s)
1.	Learner's Psychology	Ms. Beenish Zaheen	PHEC	2-12-2019 to 3-12-2019
2.	Research Innovation , Commercialization and Paper Writing Skills	Ms. Beenish Zaheen Ms. Deebea Shahwar	WUM	30-09-2019
3.	Faculty Training Program	Ms. Deebea Shahwar	WUM	9-10-2019 to 11-10-2019

FACULTY OF ECONOMICS, COMMERCE AND MANAGEMENT SCIENCES
INSTITUTE OF MANAGEMENT SCIENCES

Sr. No.	Title of Training/Workshop	Faculty Member (s)	Organization	Duration/ Date
1.	Training Workshop on Using Case Studies as a Teaching Method	Ms.Maria Kanwal		27-07-2020
2.	How to Avoid Plagiarism & Countering Sexual Harassment	Ms.Maria Kanwal Ms.Malka Liaquat	EDTech Worx and The Women University Multan	05-01-2020
3.	Training Workshop on Teaching for Millennia's Through Fusion of Technology	Ms.Maria Kanwal Ms.Malka Liaquat Ms. Maria Shahid Ms.Naureen Afzal	BZU Multan	22-11-2019
4.	Workshop on Research Gap Identification and Conceptual Understanding of Mediation and Moderation	Ms.Maria Kanwal Ms.Malka Liaquat	Institute of Management Sciences, BZU Multan	08-11-2019
5.	Workshop on Research Innovation, Commercialization & Paper Writing Skills	Ms.Maria Kanwal Ms.Malka Liaquat Ms. Maria Shahid	ORIC, WUM	30-09-2019
6.	One Day Online Training on International Trade Opportunities for Small Medium Enterprises	Ms. Maria Shahid	SME Business Facilitator Center – Multan	28-10-2020
7.	One Day Online Training on Youth Entrepreneurship Program	Ms. Maria Shahid	SME Business Facilitator Center – Multan	21-10-2020
8.	One Day Online Training on Taxation and Compliance - SMEBFC	Ms. Maria Shahid	SME Business Facilitator Center – Multan	06-10-2020
9.	Two Days Online Workshop on Qualitative Data Analysis with Nvivo: Hands-on Training	Ms. Maria Shahid	TREAD Excellence	23-08-2020
10.	Five Days Training Program on Fundamentals of Islamic Banking Operations	Ms. Maria Shahid	National Institute of Banking & Finance in Multan	March-2020
11.	Online Education: Tools and Strategies	Ms.Shakeela Kousar Ms.Naureen Afzal	PHEC	July 21-23

DEPARTMENT OF ECONOMICS

S. No.	Title of Training	Faculty Member/s	Organization	Date (s)
1.	Research, Innovation, Commercialization and Paper Writing Skills	Dr. Raima Nazar	WUM	30-09-2019
2.	Three Days Skill Based Faculty Training Program	Dr. Raima Nazar	WUM	9-10-2019 to 11-10-2019
3.	Research Methodology for Social Sciences: Emerging Trends and Counter Measures	Dr. Raima Nazar Ms. Noreen Safdar Ms. Fouzia Yasmin	WUM	15-10-2019

FACULTY OF LIFE SCIENCES

DEPARTMENT OF BIOCHEMISTRY & BIOTECHNOLOGY

S. No.	Title of Training	Name of Faculty Member/s	Organization	Date(s)
1	One Day Workshop on Research, Innovation Commercialization and Paper Writing Skills	Dr. Maryam Zain, Dr. Raheela Jabeen Ms. Zelle Humma Dr. Farah Deebea Ms. Raheela Waheed Dr. Nadia Iqbal	ORIC, WUM	30-09-2019
2	Three Days Skill Based Faculty Training Program	Ms. Raheela Waheed	WUM	9&11-10-2019
3	Online Education: Tools and Strategies	Dr. Raheela Jabeen Dr. Farah Deebea	PHEC, online	21-07-2020 to 23-07-2020
4	ProQuest's Introduction to Publishing in Academic Journals	Dr. Raheela Jabeen Dr. Farah Deebea	HEC, Online	19-08-2020
5	How to Manage Your References Using RefWorks	Dr. Raheela Jabeen Dr. Farah Deebea	HEC, Online	17-08-2020
6	ProQuest Databases & ProQuest Platform Advanced Training	Dr. Raheela Jabeen Dr. Farah Deebea	HEC, Online	13-08-2020
7	4th International Workshop on X-rays Crystallography in Structural Biology	Dr. Farah Deebea	Islamia University Bahawalpur	25&27-02-2020

DEPARTMENT OF BOTANY

S. No.	Title of Training	Faculty Member/s	Organization	Date (s)
1.	Three Days Online Training Online Education Approaches, Strategies & Tools	Dr. Adeela Haroon Ms. Hussan Bano	PHEC-online	21-07-2020 to 23-07-2020
2.	One Day Workshop on Research, Innovation, Commercialization & Paper Writing Skills	Dr. Adeela Haroon Ms. Hussan Bano	WUM	30-09- 2019
3.	One Day Seminar and Training on Vermicomposting	Dr. Adeela Haroon	WUM	20-09-2019
4.	6 Days National Workshop on Recombinant Protein Production and Purification	Ms. Sadia Bashir Ms. Hussan Bano	University of Punjab	11-11-2019 to 16-11-2019
5.	One Day Training Workshop on Research Methodology, Publications, Grant Proposal, Innovative Patent and Writing Techniques	Ms. Hussan Bano	WUM	12-03-2020
6.	Three Days Skill Based Faculty Training Program	Ms. Hussan Bano	WUM	9-10-2019 to 11-10-2019
7.	Startup Founder Workshop on How to build Successful Team and Business	Dr. Abida Aziz Ms. Uzma Ishaq	LCWU Lahore organized by American Institute of Pakistan Studies (AIPS) in collaboration with Inter University Consortium	29-02-2020

DEPARTMENT OF ENVIRONMENTAL SCIENCES

S. No.	Title of Training	Faculty Member/s	Organization	Date (s)
1	Three Days Online Training Online Education Approaches, Strategies & Tools	Dr. Saima Nasreen	PHEC	21-07-2020 to 23-07-2020

DEPARTMENT OF MICROBIOLOGY & MOLECULAR GENETICS

S. No.	Title of Training	Faculty Member/s	Organization	Date (s)
1	Online Workshop on Learn Molecular Docking from the Scratch	Dr. Saadia Ijaz	Udemy, USA	24-11-2019

2	National Workshop on Production & Purification of Recombinant Proteins	Dr. Saadia Ijaz	SBS, PU	11-11-2019 to 16-11-2019
3	Seminar and Training on Vermicompost	Ms. Nisma Farooq	WUM	20-09-2019
4	One Day International Training Workshop on Research Methodology, Publications, Grant Proposals, Innovative Patent and Writing Techniques	Ms. Saba	WUM	12-03-2020
5	One Day Workshop on Continuous Professional Development	Ms. Saba	WUM	28-03-2019
6	One Day Workshop on Continuous Professional Development	Ms. Saher Mahmood	WUM	28-03-2019
7	National Seminar on Exploring New Frontiers of Artificial Intelligence, How to Write Research Paper, Removing Plagiarism and Submission	Ms. Saher Mahmood	WUM	31-10-2019
8	One Day International Training Workshop on Research Methodology, Publications, Grant Proposals, Innovative Patent and Writing Techniques	Ms. Saher Mahmood	WUM	12-03-2020
9	Seminar cum Training on Food Safety: Everyone's Business 2 nd World Food Safety Day (WHO Guidelines)	Ms. Saher Mahmood	WUM	07-06-2020
10	One Day Workshop on Continuous Professional Development	Ms. Sara Junaid	WUM	28-10-2019
11	National Seminar on Exploring New Frontiers of Artificial Intelligence, How to Write Research Paper, Removing Plagiarism and Submission	Ms. Sara Junaid	WUM	31-10-2019
12	One Day International Training Workshop on Research Methodology, Publications, Grant Proposals, Innovative Patent and Writing Techniques	Ms. Sara Junaid	WUM	12-03-2020
13	Seminar cum Training on Food Safety: Everyone's Business 2 nd World Food Safety Day (WHO Guidelines)	Ms. Sara Junaid	WUM	07-06-2020

DEPARTMENT OF ZOOLOGY

S. No.	Title of Training	Faculty Member/s	Organization	Date (s)
14	One Day workshop on Web of Science for Digital Librarians and Researchers	Dr. Asia Bibi	LUMS, Lahore	17-10-2019

FACULTY OF RELIGION AND LANGUAGES

DEPARTMENT OF ENGLISH

S#	Title of Training/Seminar/Workshop/Webinar	Name of Faculty Member	Organization	Date(s)
1	<u>Focal Person</u> in One Day Seminar on Practical Application of Systemic Functional Grammar	Dr. Asmat A. Sheikh	Department of English, WUM	18-02-2020
2	One Day International Training Workshop on Research Methodology, Grant Proposal, Innovative Patent and Writing Techniques	Dr. Asmat A. Sheikh	WUM	12-03-2020
3	Two Days Workshop on Communication Skills	Dr. Asmat A. Sheikh	University of Sargodha, Sargodha	29 & 30-10-2019
4	One Day Seminar Exploring Frontiers of Artificial Intelligence How to Write Research Paper, Removing Plagiarism & Submission	Dr. Asmat A. Sheikh	WUM	31-10-2019
5	One- Day Workshop on Research Methodology for Social Sciences: Emerging Trends and Counter Measures	Dr. Asmat A. Sheikh	WUM	15-10-2019
6	Webinar on World Patient Safety Day	Ms. Irum I. Ashfaq	Department of Mass Communication & ORIC, WUM	17-09-2020
7	One Day Seminar on Practical Application of Systemic Functional Grammar	Ms. Farkhanda Toqir Ms. Hasna Ms. Irum I. Ashfaq Dr. Mamona Khan Ms. Munazzah Rabbani Ms. Afia Khizar Ms. Amna Ehsan	Department of English, WUM	18-02-2020

		Ms. Nazia Kalsoom Ms. Rabia Atif Ms. Saman Nasir Dr. Dur E Nayab Ms. Haniya Munir Ms. Munazza Noor Ms. Alia Habib Ms. Sara Shahbaz		
8	One Day Workshop on Research, Innovation, Commercialization, & Paper Writing Skills	Ms. Munazzah Rabbani	ORIC, WUM	30-09-2020
9	Webinar on World Patient Safety Day	Ms. Munazzah Rabbani	Department of Mass Communication & ORIC, WUM	17-09-2020
10	Online Education: Tools & Strategies	Ms. Munaza Noor	PHEC	21&23-07-2020

**FACULTY OF SCIENCES
DEPARTMENT OF CHEMISTRY**

S. No.	Title of Training	Faculty Member/s	Organization	Date (s)
1.	One-Day Workshop on Research, Innovation Commercialization and Paper Writing Skills	Dr. Sara Musaddiq	ORIC, WUM	30-09-2019
2.	Online Education: Tools and Strategies	Dr. Sara Musaddiq	PHEC, online	21-07-2020 to 23-07-2020
3.	ProQuest's Introduction to Publishing in Academic Journals	Dr. Sara Musaddiq	HEC, Online	19-08-2020
4.	How to Manage Your References Using RefWorks	Dr. Sara Musaddiq	HEC, Online	17-08-2020
5.	ProQuest Databases & ProQuest Platform Advanced Training	Dr. Sara Musaddiq	HEC, Online	13-8-2020
6.	One Day International Training Workshop on Research Methodology, Publications, Grant	Dr. Warda Hassan	WUM	12-03-2020

	Proposal, Innovative Patent and Writing Techniques.			
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DEPARTMENT OF MATHEMATICS

S. No.	Title of Training/Workshop	Faculty Member/s	Organization	Date (s)
1.	Workshop on Soft Skills	Dr. Qamar Ms. Kiran Batool Ms. Rafia Bashir Ms. Saima Zainab Ms. Zill-e-Shams	WUM	05 Days
2.	Workshop on Preparation of GRE for Full Bright Scholarship	Dr. Qamar Ms. Kiran Batool Ms. Rafia Bashir Ms. Saima Zainab Ms. Zill-e-Shams	WUM	01 Day
3.	Workshop on New Educational Policy of HEC	Dr. Qamar Ms. Kiran Batool Ms. Rafia Bashir Ms. Saima Zainab Ms. Jawahira Zohra Ms. Zill-e-Shams	WUM	01 Day
4.	Workshop on Cryptography and Data Science	Ms. Rafia Bashir	WUM	01 Day
5.	Workshop on Designing Assessment in Research Based Education	Ms. Saima Zainab	WUM	01 Day
6.	Workshop on Recent Trends in Graph Theory and Combinatorics	Ms. Zill-e-Shams	Ripha Internaitoanl University, Lahore	14-12-2019

**CONFERENCES/SYMPOSIA/SEMINARS/SEBINARS ATTENDED BY
FACULTY FOR THE YEAR (2019-2020)**

FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF History and Pakistan Studies

Participated and Presented Papers/ Posters (National and International)

S. No.	Faculty Member/s	Title	Title of Paper	Organization	Date (s)
1	Dr. Asmat Naz	Seerat Conference	Key Note Speaker	Multan Arts Council	13-11-2019

	Dr. Asmat Naz	National Conference on Making of New Province in Punjab: Challenges and Opportunities	Identical Issues in the Society: A Challenge for National Solidarity	Islamia University Bahawalpur	5&6-12-2019
	Ms. Iqra Ashraf	National Conference on Making of New Province in Punjab: Challenges and Opportunities	A Conceptual and Philosophical Approach towards Educational System from An Ancient Indian Perspective	Islamia University Bahawalpur	5&6-12-2019
	Dr. Fatima Ali	National Conference on Making of New Province in Punjab: Challenges and Opportunities	Significance of Women Education in the Process of Social Evolution	Islamia University Bahawalpur	5&6-12-2019

Attended (National and International)

S. No.	Faculty Member/s	Title of Conference/ Symposium/ Seminar/Webinar	Organization	Date (s)
1	Dr. Asmat Naz	Seminar on Youth Engagement for Peace Building and Perception Management through Paigham-e-Pakistan	BZU Multan	19-11-2019
2	Dr. Asmat Naz	Seminar on Population Welfare	Ramada, Multan	28-09-2019

DEPARTMENT OF MASS COMMUNICATION

Participated and Presented Papers/ Posters (National and International)

S. No.	Faculty Member/s	Title	Title of Paper	Organization	Date (s)
1	Ms. Sumera Khalid	3 rd International Conference on Teaching and Learning (ICOTAL, 2020)	The Role of Media towards Minimizing the Domestic Violence	Islamia University, Bahawalpur	05-03-2020

Attended (National and International)

FACULTY OF ECONOMICS, COMMERCE AND MANAGEMENT

Sr. No	Faculty Member	Title of Conference / Symposium/ Seminar/ Webinar	Organization	Date
1-	Ms. Beenish Zaheen Ms. Deeba Shahwar Ms. Sumera Khalid	International Online Seminar on World Safety Patient Day	WUM	17-09-2020
2-	Ms. Deeba Shahwar Ms. Sumera Khalid	3 rd International Conference on Teaching & Learning (ICOTAL, 2020)	Islamia University, Bahawalpur.	5 & 6-03-2020
3-	Ms. Sumera Khalid	International Convention & Expo	Karachi	October, 2019
4-	Ms. Sumera Khalid	International Webinar on World Youth Skills Day	WUM	23-07-2020
5-	Ms. Sumera Khalid	National Webinar on Istehkaam-e-Pakistan Aur Iske Taqazay	WUM	13-08-2020
6-	Ms. Sumera Khalid	Online International Conference of Chemical and Life Sciences ICCLS-2020	WUM	09-09-2020
7-	Ms. Sumera Khalid	International Webinar on Re-configuring Pakistan's Role in the World Economy	WUM	27-08-2020
8-	Ms. Sumera Khalid	International Meritorious Multidisciplinary Virtual Conference (IMMVC) 2020	WUM	17 to 19- 08-2020

INSTITUTE OF MANAGEMENT SCIENCES

Participated and Presented Papers/ Posters (National and International)

S. No.	Faculty Member/s	Title of Conference/ Symposium	Title of Paper/ Poster	Organization	Date (s)
1	Ms. Maria Shams Khakwani (Lecturer, IMS)	4th International Research Conference on Economics, Business & Social Sciences Malaysia Chapter	Symmetric & Asymmetric Relationship between Stock Market Decline and Liquidity: A Study of Emerged & Emerging Economies	Putra Business School, Malaysia	18&19-12-2019

Attended (National and International)

S. No.	Name of Faculty Member/s	Title of Conference/ Symposium	Organization	Date (s)
1.	Ms. Maria Kanwal	International Meritorious Multidisciplinary Virtual Conference, 2020 in collaboration with Meritorious Group of Publishers	WUM	17-08-2020 to 19-08-2020
2.	Ms. Maria Kanwal	International Webinar on How to Evaluate Research Impact through Citations Analysis	Enago Academy	12-08-2020
3.	Ms. Maria Kanwal	International Webinar on Introduction to Review Articles: Writing Systematic and Narrative Reviews	Enago Academy	29-07-2020
4.	Ms. Maria Kanwal Ms. Malka Liaqat	Seminar on Food Safety: Everyone's Business	Pak Food Safety Service & WUM	07-06-2020
5.	Ms. Maria Kanwal Ms. Maria Shahid	World Marketing Summit 2020 as Kotler Alumni: Metamorphosis from Capitalism to Digitalism	Kotler Impact Inc. and ASCENT International	25-02-2020
6.	Ms. Maria Kanwal Ms. Malka Liaqat Ms. Nadia Nazeer	Awareness Session on Islamic Banking and Takaful	Alhuda Center of Islamic Banking and Economics & WUM	18-11-2019

	Ms.Noureen Afzal			
7.	Ms. Maria Shahid	Webinar on Understanding Takaful Products	Centre for Excellence in Islamic Finance (CEIF) in collaboration with Pak-Qatar Takaful	29-09-2020
8.	Ms. Maria Shahid	Webinar on Role of Islamic Finance in Financial Inclusion for Sustainable Economic Growth	Alhuda Center of Islamic Banking & Economics	28-09-2020
9.	Ms. Maria Shahid	Webinar on The Need of Research-Based Innovation for Islamic Finance Industry	Alhuda Center of Islamic Banking & Economics	25-09-2020
10.	Ms. Maria Shahid	Webinar on Importance of AAOIFI Standards Adoption in Islamic Finance Industry	Alhuda Center of Islamic Banking & Economics	24-09-2020
11.	Ms. Maria Shahid	Webinar on Development of Islamic Banking & Finance	Alhuda Center of Islamic Banking & Economics	19-09-2020
12.	Ms. Maria Shahid	Webinar on Basic Concepts of Islamic Banking & Finance	Centre for Excellence in Islamic Finance (CEIF), IBA	August, 2020
13.	Ms. Maria Shahid	Webinar on Understanding Takaful	Centre for Excellence in Islamic Finance (CEIF) in collaboration with Pak-Qatar Takaful	20-07-2020
14.	Ms. Maria Shahid	Two Days Online Workshop on Qualitative Data Analysis with Nvivo: Hands-on Training from 22 to 2020 organized by TREAD Excellence.	Alhuda- CIBE, at Governor House, Lahore. (Please get confirmed the date and name of organization!)	11-12-2019

FACULTY OF LIFE SCIENCES

DEPARTMENT OF BIOCHEMISTRY & BIOTECHNOLOGY

Participated and Presented Papers/ Posters (National and International)

S. No.	Name of Faculty Member/s	Title of Conference/ Symposium	Title of Paper/ Poster	Organization	Date (s)
1	Dr. Maryam Zain	International Conference on Nanoscience and	Novel synthesis of Biogenic Nanoparticles using Medicinal plants	LUMS	1&2-11-2019

		nanotechnology in LUMS, Lahore	of Genus Cleome and its Pharmacological Investigation		
		iiScience International Conference 2020	Novel synthesis of Biogenic Nanoparticles using Medicinal plants of family Cleomaceae and its Pharmacological Investigation	WUM	2&4-03-2020

Attended (National and International)

S. No.	Name of Faculty Member/s	Title of Conference/ Symposium/Seminars/Webinars	Organization	Date (s)
1.	Dr. Farah Deebea Dr. Nadia Iqbal	International conference on Climate Smart Agriculture: The Way towards Sustainability	MNSUAM	26&27-11-2019
2.	Dr. Maryam Zain Dr. Raheela Jabeen Dr. Farah Deebea Ms. Mahwish Batool Kazmi	Role of A Researcher in Linkage between Academia & Industry	Department of Chemistry, WUM	20-11-2019
3.	Dr. Maryam Zain Dr. Raheela Jabeen Dr. Farah Deebea Ms. Mahwish Batool Kazmi	Emerging Trends in Plant Entrepreneurship	Department of Botany, WUM	24-10-2019
4.	Dr. Maryam Zain Dr. Raheela Jabeen Ms. Zelle Humma Dr. Farah Deebea Ms. Raheela Waheed Dr. Nadia Iqbal	One Day Seminar and Training on Vermicompost	Department of Zoology, WUM	20-09-2019
5.	Dr. Maryam Zain	2nd International Conference on Nanoscience and Nanotechnology	LUMS, Lahore	1&2-11-2019

6.	Dr. Maryam Zain Dr. Raheela Jabeen Ms. Zelle Humma Dr. Farah Deebea Ms. Mahwish Batool Kazmi Ms. Raheela Waheed Dr. Nadia Iqbal	International Webinar on World Youth Skill Day	Online (Name of organization?)	15-07-2020
7.	Dr. Maryam Zain Dr. Raheela Jabeen Dr. Farah Deebea Ms. Mahwish Batool Kazmi	Promoting Applied Sciences in Pakistan	Online (Name of organization?)	20&21-072020
8.	Dr. Maryam Zain Dr. Raheela Jabeen Dr. Farah Deebea	International E-Conference on Promoting Physics among Women in Pakistan	WUM, Online	17&18-08-2020
9.	Dr. Maryam Zain Dr. Raheela Jabeen Dr. Farah Deebea Ms. Mahwish Batool Kazmi	International Conference of Chemical and Life Sciences	WUM, Online	3&4-09-2020
10.	Dr. Raheela Jabeen	International Symposium on Mental Health and Stress Management	Online (Name of organization?)	20-10-2020
11.	Dr. Raheela Jabeen Dr. Farah Deebea Dr. Nadia Iqbal	Seed Stewardship in Post-COVID Scenario	MNSUAM, Online	23&24-09-2020
12.	Dr. Farah Deebea	Pakistan Research Day, 2020	National University of Sciences and Technology (NUST), Islamabad	19-02-2020
13.	Dr. Maryam Zain Dr. Farah Deebea	One Day Seminar on BMI and Iron Status in Females	Pharmacy Department, WUM	13-12-2019
14.	Dr. Maryam Zain	One Day Seminar on Cancer Awareness	E-Library, Multan	12-09-2019

DEPARTMENT OF BOTANY

Participated and Presented Papers/ Posters (National and International)

S. No.	Name of Faculty Member/s	Title of Conference/ Symposium	Title of Paper/ Poster	Organization	Date (s)
1.	Ms. Hussan Bano Athar. H. R., Zafar. U. Z., Ulfat. M and Ashraf. M (Please get confirmed the names of WUM faculty in this paper!)	International Conference of Smart Plantation, An Ultimate Solution to Climate Change (ICPS-2020)	Linking Changes in Chlorophyll Fluorescence in Mung Bean Cultivars [<i>Vigna radiata</i> (L.) Wilczek] Against Drought Stress	LC for Women University, Lahore	2&4-03-2020
2.	Ms. Sadia Bashir	International Conference on Climate Resilient Smart Soil Management: Focusing Food Security, Ecosystems & Environment	Comparative Analysis of Endophytic Bacterial Diversity Between Two Varieties of Sunflower <i>Helianthus Annuus</i> with Their PGP Evaluation	University of Haripur	05-03-2020 to 07-03-2020

Attended (National and International)

S. No.	Name of Faculty Member/s	Title of Conference/ Symposium	Organization	Date (s)
1.	Dr. Adeela Haroon	International Conference on Smart Plantation: An Ultimate Solution to Climate Change (ICPS-2020)	Department of Botany, LCWU, Lahore	02-03-2020 to 04-03-2020
2.	Ms. Sadia Bashir	Tree Plantation for Better Future Emerging Trends in Plant Entrepreneurship International Conference on Climate Resilient Smart Soil Management: Focusing Food Security, Ecosystems & Environment	The Women University Multan The Women University Multan University of Haripur	5-09-2019 24-10-2019 05-03-2020 to 07-03-2020 3&4-09-2020

		International conference of Chemistry and Life Sciences (Please maintain the same format; write these details in separate sections!)	The Women University Multan	
3.	Ms. Hussan Bano	1 st International Conference on Smart Plantation: An Ultimate Solution to Climate Change (ICPS-2020)	Department of Botany, LCWU, Lahore	2&4-03-2020

DEPARTMENT OF ENVIRONMENTAL SCIENCES

Attended (National and International)

S. No.	Name of Faculty Member/s	Title of Conference/ Symposium	Organization	Date(s)
1.	Dr. Saima Nasreen Ms. Syeda Shaima Meryem	2nd International Conference on Climate Smart Agriculture: The Way towards Sustainability	Muhammad Nawaz Sharif University of Agriculture, Multan	26&27-11-2019

DEPARTMENT OF MICROBIOLOGY AND MOLECULAR GENETICS

Participated and Presented Papers/ Posters (National and International)

S. No.	Name of Faculty Member/s	Title of Conference/ Symposium	Title of Paper/ Poster	Organization	Date(s)
1	Ms. Nisma Farooq	International Horticulture Conference 2020	Investigating the In Vitro Regeneration Potential of Commercial Cultivars of <i>Brassica</i> (Poster)	Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore	26-02-2020 to 28-02-2020
2	Dr. Sadia Ijaz	International Conference on Recent Innovations in Molecular Sciences	Development of Water Filter Using Locally Sourced Materials for the Treatment of Wastewater from Laundry	University of Punjab, Lahore	06-11-2019 to 08-11-2019
3.	Ms. Saher Mahmood	International Conference on Recent Innovations in Molecular Sciences	Poster Presentation	University of the Punjab, Lahore	06-11-2019 to 08-11-2019

4.	Ms. Sara Junaid	International Conference on Recent Innovations in Molecular Sciences	Poster Presentation	University of the Punjab, Lahore	06-11-2019 to 08-11-2019
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Attended (National and International)

S. No.	Name of Faculty Member/s	Title of Conference/ Symposium	Organization	Date (s)
1.	Ms. Sadia Tahir	4 th International Conference on Food and Nutritional Security in Changing Climate	Institute of Food Sciences & Nutrition, Bahauddin Zakariya University, Multan	3&4-03-2019
2.	Ms. Sadia Tahir	International Conference on Recent Innovations in Molecular Sciences	University of the Punjab, Lahore	06-11-2019 to 09-11-2019
3.	Dr. Iqra Arooj	4 th International Conference on Food and Nutritional Security in Changing Climate	Institute of Food Sciences & Nutrition, Bahauddin Zakariya University, Multan	3&4-03-2019
4.	Dr. Saadia Ijaz	International Webinar on Designing of Assessment in Research Based Education	WUM & University College London	19-06-2020
5.	Dr. Saadia Ijaz	17 th Annual Conference of the Medical Microbiology and Infectious Diseases Society of Pakistan.	MMIDSP	29 th February & 01 March-2020
6.	Dr. Saadia Ijaz	Seminar and Training on Vermicompost	Department of Zoology, WUM	20-09-2019
7.	Ms. Humaira Yasmeen	One Day Seminar on BMI and Anemia	Department of Pharmacy, The Women University, Multan	December, 2019
8.	Ms. Humaira Yasmeen	One Day Seminar on Emerging Trends in Plant Entrepreneurship	Department of Botany, The Women	October, 2019

			University, Multan	
9.	Ms. Humaira Yasmeen	4 th International Conference on Food and Nutritional Security in Changing Climate	Institute of Food Science and Nutrition, BZU Multan	March, 2019
10.	Ms. Nisma Farooq	International Horticulture Conference 2020	Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore	26-02-2020 to 28-02-2020
11.	Ms. Nisma Farooq	Punjab Youth Peace Conference	Bahauddin Zakariya University, Multan	13-06-2019
12.	Ms. Saba	International E-conference on New Horizons in Biochemistry, Microbiology and Food Technology-2020 (BMFT-2020)	Yogi Vemana University and University Malaysia Kelantan	12&13-10-2020
13.	Ms. Saba	1 st International Symposium on Current Trends and Future Perspectives in Botanical Research, 2020	University of Okara	10-11-2020
14.	Ms. Saba	Recent Innovations in Molecular Sciences	University of the Punjab, Lahore	06-11-2019 to 08-11-2019
15.	Ms. Saba	One day Seminar on Emerging Trends in Plant Entrepreneurship	Dept of Botany, The Women University, Multan	24-10-2019
16.	Ms. Saher Mahmood	One Day Seminar on Emerging Trends in Plant Entrepreneurship	Dept of Botany, The Women University, Multan	24-10-2019
17.	Ms. Saher Mahmood	4 th International Conference on Food and Nutritional Security in Changing Climate (ICFSN-2019)	Institute of Food Science and Nutrition, BZU Multan	March, 2019

18.	Ms. Saher Mahmood	International Webinar on Designing Assessments in Research Based Education	The Women University, Multan	19-06-2020
19.	Ms. Sara Junaid	One Day Seminar on Emerging Trends in Plant Entrepreneurship	Dept of Botany, The Women University, Multan	24-10-2019
20.	Ms. Sara Junaid	4 th International Conference on Food and Nutritional Security in Changing Climate (ICFSN-2019)	Institute of Food Science and Nutrition, BZU Multan	March, 2019
21.	Ms. Sara Junaid	International Webinar on Designing Assessments in Research Based Education	The Women University, Multan	June, 2020
22.	Ms. Sara Junaid	Three Days Webinar Series on SPSS and its Application in Research by TREAD Excellence	The Women University, Multan	24-07-2020 to 26-07-2020

DEPARTMENT OF PHARMACY

Attended (National and International)

S. No.	Name of Faculty Member/s	Title of Conference/ Symposium	Organization	Date (s)
1	Dr. Zarmina Rashid	TedxLCWU 2019 Beyond the Stars	LCWU, Lahore	21-12-2019
2	Dr. Zarmina Rashid	Tedx Lahore Women 2019 Bold+Brilliant	British Council library, Lahore	8-12-2019
3	Dr. Zarmina Rashid Ms. Sumaira Nadeem Ms. Uzma Saher Ms. Sana Javaid	International Seminar on Standardization of Natural Products: Opportunities for Commercialization		
4	Dr. Rehmana Rashid	2 nd International Pharmacy Conference and Exhibition (IPCE 2020-IUB) on New Paradigms of Pharmacy Education and Practice in Pakistan	The Islamia University of Bahawalpur	20&21-02-2020

DEPARTMENT OF ZOOLOGY

Participated and Presented Papers/ Posters (National and International)

Sr. No.	Name of Faculty Member/s	Title of Conference/ Symposium	Title of Paper/ Poster	Organization	Date (s)
1	Dr. Shazia Parveen	7th International Symposium on Biomedical Materials (ISBM 2019)	Prevalence of Various Pathogenic Variants Responsible for Early Infantile Epilepsy among Pakistani Population Therapeutic Effect of 2-(Thiophen-2yl) Benzothiazide on Rotenone Induced Parkinson's Rat Model	COMSATS University, Islamabad	11&12-12-2019

FACULTY OF SCIENCES

INSTITUTE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

Attended (National and International)

S No.	Name of Faculty Member	Title of Conference/ Symposium	Organization	Date(s)
1.	Ms. Meherwar Fatima Engr. Sehrish Raza	Sifive	UET	29-10-2019

DEPARTMENT OF CHEMISTRY

Attended (National and International)

S. No.	Name of Faculty Member/s	Title of Conference/ Symposium	Organization	Date (s)
1.	Dr. Sara Musaddiq	ii Science International Conference 2020 on Light Generation, Sensing and Energy Source	WUM	16&17-01-2020
2.	Dr. Sara Musaddiq	1 st International Seminar on Applied HE Launch Xchange, Pakistan,	University of Lahore	18-02-2020
3.	Dr. Sara Musaddiq	Pakistan Research Day 2020 Celebration	Web of Science at NUST	10-02-2020
4.	Dr. Sara Musaddiq Dr. Samina Aslam	International Webinar on Designing Assessment in Research Based Education	WUM	19-06-2020

5.	Dr. Sara Musaddiq Dr. Samina Aslam	One Day Symposium on Role of Researcher to Link Academia & Industry	WUM	20-12-2019
6.	Dr. Sara Musaddiq Dr. Samina Aslam Dr. Tanzila Rehman	International Meritorious Multidisciplinary Virtual Conference (IMMVC) 2020	WUM	17-08-2020 to 19-08-2020
7.	Dr. Sara Musaddiq Dr. Samina Aslam Dr. Tanzila Rehman	International Conference of Chemical and life Sciences (ICCLS-2020)	WUM	3&4-09-2020
8.	Dr. Samina Aslam	Seminar on Tripodal Ligands in Bioinorganic and Organometallic Chemistry: Future Materials in Historical Perspective	Utrecht University, Netherlands	17-09-2019
9.	Dr. Samina Aslam	Virtual Organic and Medicinal Chemistry Symposium	SBASSE, Lahore University of Management Sciences, Lahore	12-09-2020
10.	Dr. Samina Aslam	3rd International Conference on Chemistry (ICC) 2020 (Virtual) Innovative Challenges in the field of Molecular and Chemical Sciences	Department of Chemistry, Lahore Garrison University, Lahore	21-09-2020
11.	Dr. Sara Musaddiq	1st International Seminar on the University Rankings	University of Lahore, Lahore	24-10-2019
12.	Dr. Sara Musaddiq	International Conference on Nano-science & Nanotechnology	LUMS	1&2-11-2019
13.	Ms. Tahira Saleem Dr. Warda Hassan	International Conference on Nano-science & Nanotechnology	LUMS	1&2-11-2019

CHAPTER 5

STRENGTHENING TECHNOLOGICAL INFRASTRUCTURE

Every progressive and competitive institution requires continuous upgradation of its physical and technological infrastructure. Due to rapid technological advancements, it is imperative for a modern institution to continuously upgrade itself. WUM also fully realizes the importance of physical and technological advancement in the world and the need to strengthen and upgrade its facilities for the provision of quality education.

HEC Smart Classroom Project (EOI)

The Women University Multan has been selected by the HEC for establishing Smart Classrooms: one in Katchery Campus and one in Matital Campus. Katchery Campus is the Main Site and Matital Campus is the Branch Site. These classrooms provide auto audio/video tracking, lecture recording, interactive digital boards and online assessment capabilities. The funding for the hardware and software components of this project will be the responsibility of the HEC. The physical deployment process has been initiated and expected to be completed by the start of the coming year.

Scope of the Project

The main scope of Smart University Project is to be part of the HEC Vision 2025 in which universities will be equipped with the latest I.T infrastructure. In Pakistan, 160 universities are connected with Smart University Network and are able to ensure auto connectivity through EDUROAM internet services in Pakistan and other countries.

Scope & Benefits for Students & Staff

1. Faculty and students are able to connect with internet automatically within the campus for education and research purposes without any hassle.
2. Blanket Wi-Fi coverage is available completely at all buildings including all departments, hostels, admin blocks and also open areas.
3. Users are also able to connect all Wi-Fi devices like mobiles, tablets, laptop, computers automatically within university premises.
4. High speed Wi-Fi coverage is available 24/7 in 365 days.
5. Student can easily make sessions for online studies, the use of digital resources like digital library, assignments etc.
6. Faculty are also able to use this network easily for educational research.
7. The network has special policies which strict to the users to use only relevant education material.
8. All irrelevant traffic is filtered with latest firewall.

9. Logs are managed to monitor network traffic and restrictions are applied accordingly.

Smart University Benefits for University

1. Free of cost world top brand and latest Wi-Fi equipment installed at WUM
2. Five years' services and support included in contract and warranty provision on condition of SOPs
3. Law enforcement agencies also highlighted to adopt Smart University Project which is a well-designed, centrally monitored and controlled network.
4. NOC will be available to control and monitor every event or equipment status and auto generate query to resolve the matter.
5. Free of cost Safe Campus Project is also linked to Smart University Project in which surveillance will be available 24/7 in 365 days with active NOC (Network Operation Center).
6. Bandwidth cost against each AP as 1Mbps will be abided by the university and will be paid in 7 years installment plan.
7. NPM (Network Performance Management) like E-sight or Cisco Prime licensed software (7 years) provision of live monitoring logs for users and equipment
8. Application firewall has been deployed and strict policies have been applied for management.

BANDWIDTH

PERN stands for Pakistan Education & Research Network. It is the research & education network of Pakistan which has been the integral part of the Government of Pakistan's IT Action Plan, 2002. The National Research & Education Networks (NRENs) by design are specialized educational intranet which are dedicated to support the needs of R&E communities within and outside the country.

PERN (Pakistan Education & Research Network)

WUM has acquired PERN, an integral part of the Government of Pakistan's IT Action Plan, 2002.

Services that are associated with PERN network and acquire most advanced I.T technologies without any extra cost have been mentioned as under:

Sr.#.	Project	Services	Cost
1	Smart Campus Project	Free Equipment, Installations & Configuration, Support (7 years) Passive and Active Equipment	Only paid bandwidth cost for 7 years installment plan
2	Safe Campus Project	IP Surveillance camera's complete installation & configuration (passive and active equipment) and support (7 years)	Free

3	Smart Classroom Project	Build complete infrastructure, installation & configuration and support (passive and active equipment included)	Free
4	Video Conference Project	Build complete infrastructure, installation, configuration and support	Paid on installment for prescribed period
5	Microsoft Azure services	(Description???)	Nominal cost
6	Turnitin Software	Software used for checking plagiarism	Nominal cost
7	Digital Library	Journals, Research papers, Articles	Generally Free (some services are paid)
8	Capacity Building	Training for Technical Personnel	Included in PER
9	Network Performance Monitor (Solar Wind)	Monitoring Tools	Free

COMMUNICATION MEDIUMS

It is for information of all concerned that the university has established social media digital interactive communication mediums and these are updated time to time with latest news and events.

- The Women University Multan Official YouTube Channel
<https://www.youtube.com/channel/UCuDxN7lk3fmqWKJByJGQe9A>
- The Women University Multan – Web TV – WUM web tv
<https://wumtv.com>
- The Women University Multan - Home | Facebook

LEARNING MANAGEMENT SYSTEM

Like numerous universities in Pakistan and around the globe, WUM also has adopted MOODLE as LMS in the month of April, 2020, due to Covid-19 lockdown. The data of students and teachers and also their courses' data was uploaded on LMS for their utilization. Similarly, WUM has also recently conducted exams on LMS. The LMS platform is hosted on the cloud. Online learners and collaborators can log in to the Learning Management System with a username and password; there is no need to install any software.

DIGITAL LIBRARY

In this technological era, the significance of a digital library cannot be denied. The library and information services at The Women University, Multan, aim to support the teaching and academic work by assisting and providing information, books, periodicals, research journals, newspapers and research information material to students, faculty and staff.

WUM library is providing access to students with books, research journals and magazines. Thousands of books are also offered on different subjects like Life Sciences, Management, Arts and Social Sciences, Religion and Languages and Science. WUM library has also been upgraded by the utilization of HEC funding and computers for the students of M.Phil and Ph.D. have been placed there. The library has access to HEC digital library through PERN. This program allows the researchers to access most of the important texts and reference books electronically in a vast variety of subjects.

VIDEO CONFERENCING

Video conferencing has enabled all users to connect, communicate, and share information in any environment. At the Women University, Multan, video conferencing is currently being utilized for different programs and to conduct meetings for efficient and effective use of time and resources.

WUM COURSERA

Coursera is a worldwide renowned MOOC (Massive Open Online Course) provider. The Women University, Multan, through its Coursera for Campus Program has been facilitating its students, faculty and staff to avail 01 paid course from international universities free of cost.

There are currently 3914 international courses being offered from Coursera. These courses range from courses, professional certificates to specializations. WUM catalog of courses can be found at <https://www.coursera.org/programs/thewomen-university-multan-on-coursera-c1nbb>

27/11/2020 // FRIDAY // VERSION 1.2

WUM COURSERA



THE WOMEN UNIVERSITY MULTAN ENTERS INTO AN AGREEMENT WITH WORLD RENOWNED MOOC PROVIDER "COURSERA"!

Free 3914 Coursera international courses for WUM

Coursera is a worldwide renowned MOOC (Massive Open Online Course) provider. The Women University Multan through its Coursera for Campus Program is facilitating its students, staff & faculty to avail 1 paid course from international universities free of cost.

They are currently being offered 3914 international courses from Coursera ranging from courses, professional certificates to specializations. WUM catalog of courses can be found at <https://www.coursera.org/programs/thewomen-university-multan-on-coursera-c1nbb>

This program was being launched back in June 2020 on the initiative of Prof. Dr. Uzma Qureshi (Vice Chancellor, The Women University Multan).

Mr. Aijf Raza Zaidi (Computer Programmer/IT Manager, Registrar Office) was nominated by The Women University Multan as a Focal Person of this program.

Three simple steps for students – WUM launches Coursera Enrollment Module

An invitation email is normally required to join this program however The Women University Multan has whitelisted its official domain i.e. wum.edu.pk on Coursera therefore any Student, Faculty or Staff having official Email ID can create an account on Coursera without an invitation email and avail paid international courses free of cost. They will be awarded with Completion Certificates from international universities on completion.

Almost all faculty members and staff are having their official Email IDs. Although they can join this program without an invitation email yet bulk invitations are being sent on all available official email IDs so that they can join from single click.

Students who are not having official university email address, they don't need to worry as WUM have specially developed **WUM Coursera Enrollment Module for Students** through which they can join this program by following 3 simple steps:

1. Navigate to registerfor.wum.edu.pk/48/coursera/register.php
2. Enter CNIC & DOB
3. Entered details are matched with in-house Student Registration System. Upon successful matching student will be asked to enter her mobile & email address.

Coursera invitations for students having unofficial emails are sent in batches within 24-48 hours through CSV bulk import process from WUM database to coursera admin panel. Student receives coursera invitation on her provided email address.

WUM Coursera Registration Form

First Name (256)
Last Name (256)
CNIC (999)
DOB (DD/MM/YYYY)
Mobile (9999999999)
Email (256)
CAPTCHA

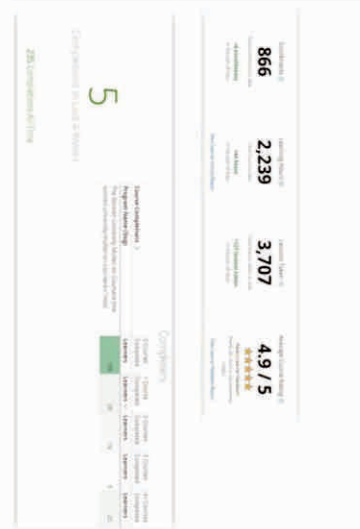
[CLICK HERE TO REGISTER FOR COURSERA](#)

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AS OF 27 NOVEMBER 2020

865+ Enrollments, 2235+ learning hours' completion, 3705+ lesson completions, 234+ certificate completions and 4.9/5.0 star ranking of WUM on Coursera


WUM ACHIEVEMENT SO FAR



WUM introduces Coursera Video Tutorial Series and Official Coursera Student Guide to its students

The Women University Multan has also introduced a video tutorial series on Coursera guiding students and staff about benefits FAQs of WUM Coursera for Campus Program. These video tutorial series also contain step by step visual demonstration from joining this program to enrolling into a particular course. WUM also made available official student guide of Coursera to its students. Official Student Guide and Video Tutorial Series can be found on <https://wum.edu.pk/coursera-student-guide>

WUM Coursera Details



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CHAPTER 6 UNIVERSITY BUILDING ECONOMIES

OVERVIEW

The Office of Research, Innovation and Commercialization (ORIC) at The Women University Multan has been established in line with the aims of the Higher Education Commission (HEC) to develop and sustain a dynamic and internationally competitive research sector in Pakistan. It has been established to encourage major research contribution to the economic prosperity, national well-being and the expansion and dissemination of knowledge.

Promotion of research is one of the core strategic aims of HEC. Through the program and initiatives launched by the HEC for strengthening research and the process of knowledge creation, the quality and research output emanating from the universities and institutes in the country have shown tremendous improvements and Pakistan has been acknowledged as a rising star in a number of research disciplines in terms of percentage increase in internationally cited research publications.

The Women University, Multan, has set up the Office of Research Innovation and Commercialization (ORIC) to promote research culture in the university and to strengthen the university-industry linkages for invention, innovation and commercialization. It has opened the doors to success and opportunities for the students and faculty of WUM.

WUM's research contribution, at present, is no more than at a beginning stage but we need to not only sustain and improve this trend but also contemplate on the questions of relevance and the economic, social and academic impact of research. In pursuit of this end, HEC has initiated the process of organizing the research activities of universities/HEIs by ensuring the availability of well-established and fully-functional ORIC (Office of Research, Innovation and Commercialization).

ORIC will provide strategic and operational support to university's research activities/programs and will have a central role in facilitating the university's research outcomes. ORIC at the Women University, Multan, is an outcome of these efforts.

OBJECTIVES

- To support the university's strategic research directions and policies
- To increase and diversify external research funding
- To improve recruitment and retention of top faculty
- To improve integration of research and education at all levels of the university
- To improve translation of research into public benefit
- To strengthen university-industry relationships

- To promote entrepreneurship, technology-transfer and commercialization activities that energize and support the local and national economy

MOU SIGNED BY UNIVERSITY

Sr No.	MOU Signed with	Tenure of	Dated	National/ International
1	Ideagist, Pakistan	Prof. Dr. Asmat Naz	18.07.2019	National
2	South Eastern Regional College, UK	Prof. Dr. Uzma Quraishi	06.11.2019	International
3	ED Tech Worx (Pvt.) Ltd.	Prof. Dr. Uzma Quraishi	22.11.2019	National
4	SUB-Grant Agreement for Ehsaas Scholarship Project	Prof. Dr. Uzma Quraishi	21.01.2020	National
5	Muhammad Nawaz Shareef University of Agriculture, Multan	Prof. Dr. Uzma Quraishi	02.02.2020	National
6	Fatima Jinnah Women University, Rawalpindi	Prof. Dr. Uzma Quraishi	28.02.2020	National
7	Institute of Southern Punjab, Multan	Prof. Dr. Uzma Quraishi	28.02.2020	National
8	Tech FAB International (PVT) LTD Lahore/ MCM	Prof. Dr. Uzma Quraishi	26.02.2020	National
9	Yes Network Pakistan	Prof. Dr. Uzma Quraishi	28.05.2020	National
10	Virtual University	Prof. Dr. Uzma Quraishi	03.07.2020	National
11	Akdeniz University	Prof. Dr. Uzma Quraishi	25.08.2020	International
12	American Institute of Pakistan Studies	Prof. Dr. Uzma Quraishi		International
13	Shaoor Foundation	Prof. Dr. Uzma Quraishi	20.10.20	National

CHAPTER 7

WUM BUILDING COMMUNITIES

Day Care

WUM has taken significant measures to facilitate working mothers or women pursuing higher education. A dedicated day-care facility for students and employees has been established so that the mothers can carry out their duties without stress. Currently, more than 55 children are enrolled in daycare. WUM's vision is to be the recognized leader in providing the best care for infants and toddlers. We pride ourselves in our unique blend of fun and learning in a safe and nurturing environment. Our goal is to make the parents feel good about their child-care choice and to ensure that the children are safe, educated, engaged and smiling. And for the future, we want these children to warmly look back at their experience with us and see it as a cherished part of their childhood.

Punjab Government's Women Development Program Fund (WDPF) approved 2.3 M for Day Care Center in Katchery Campus and 2.3 M for Day Care Center, Mattital Campus.

Hope Society

Helping Other People Enthusiastically (HOPE), a society working under the patronage of Worthy Vice Chancellor, Prof. Dr. Uzma Quraishi, The Women University, Multan, is a student organization launched at WUM to promote welfare activities in the society. HOPE is a home for enthusiastic young students who impart their role as positive contributors at times of social and national challenges. To help the underprivileged sections of society and the



daily wagers of university during COVID-19, ration was distributed among daily wagers as well as the underprivileged staff serving at the Women University, Multan, for which funds were collected by the HOPE Society from volunteers and staff members.

Kamyab JawanStartup Pakistan

The Kamyab Jawan Startup Pakistan Program is a flagship initiative of PM's Youth program. It has been envisioned to develop a national startup ecosystem that provides one million young people training in entrepreneurship and to launch 10,000 startups in the next five years by 2023. It aims to provide a single point of contact for the entire Startup ecosystem, to enable knowledge exchange and access to funding/investment.

Kamyab Jawan Startup Pakistan soft launch event was hosted by the Women University, Multan, and Bir Ventures (IdeaGist) at the Women University, Multan, on 5th December, 2019.

The first phase of Startup Pakistan was aimed to be launched in eight universities and the third event was organized at the Women University, Multan.

After successful launching, a series of training sessions is being carried out at WUM. A Master Trainer Session was also conducted in university committee room. In this session, faculty and administrative staff members were trained by Mr. Hassan Syed, Co-Host of the event & Chairperson Bir Venture & founder of IdeaGist.

Multanigarian Business Incubation Center

A business incubation facility has been established at the Women University, Multan, in order to translate the research findings of the scientists/researchers of the university into new products and technologies. The academic affiliated business incubators help in transferring technology from universities and create linkage of subject matter experts with the business community and, hence, build a system for bringing technological advances and products to the market.

Objectives

- To provide management guidance, technical assistance and consultation tailored to young growing companies
- To create linkages between academic/ R&D institutions and private sector
- To facilitate entrepreneurs with well-equipped laboratories, powerful computer systems, technology expertise, a well-educated workforce and subject matter experts
- To promote innovative research-based initiatives
- To provide management guidance, technical assistance
- Create linkages between academic/ R&D institutions and private sector

CHAPTER 8

STRENGTHENING PHYSICAL INFRASTRUCTURE

Establishment of Women University Multan (PM Directive)

Upon Prime Minister's directive, the government land consisting of 218-K,6-M area was allotted at the Mattital Road and PC-I was approved titled "Establishment of Women University Multan (Prime Minister's Directive)". The development activities were initially started by the HEC and then project was transferred to the Women University, Multan, in June 2013. The project is in its final stages since most of civil works are completed.

Following are the key components of PC-I:

Key Components of Civil Works

Sr.	Component	Qty	Status	Date of Completion/ Expected date of Completion	Remarks
1	Academic Block	01	Completed	22-03-2017	
2	Admin Block	01	Completed	22-03-2017	
3	Student Hostel No.1	01	70%	31-03-2021	Subject to start of work because work was stopped due to death of contractor
4	Student Hostel No.2	01	Completed	30-11-2018	
5	Library with Book Store	01	Completed	12-03-2018	
6	Central Cafeteria with Tuck Shop	01	Completed	12-10-2017	
7	Medical Centre	01	Completed	05-10-2017	
8	Sports Hall for Indoor Games	01	Completed	15-01-2020	

9	Visitor/Faculty Hostel	01	Completed	10-12-2018	
10	Security Posts (Along the Boundary Wall)	06	Completed	30-06-2020	
11	Faculty Residences				
	VC House	1	Completed	30-03-2020	
	Professor & Dean House	2	Completed	30-09-2020	
	09 Flats	9	Completed	30-09-2020	
	Duplex Houses	4	85%	30-01-2021	
	06 Flats	6	85%	30-01-2021	

Projects Completed from University's Own Resources

The Women University, Multan, is a newly established university with meager resources and, since its inception, it has been struggling hard to meet its basic needs & requirements. Besides the lack of resources, the university managed to fulfill its utmost requirements through its own resources and has completed 23 different Civil Projects amounting to Rs.78.00 Million (approximately). Following is the detail:

Sr. No.	Name of Project	Sr. No.	Name of Project
1	Repair & Renovation of Old Principal House to Convert into Guest House Cum Bachelor Accommodation	2	Repair & Renovation of the Old Computer Centre Including Dismantling & Rehabilitation of Roof Treatment of Islamic Studies Department at Katchery Campus .
3	Repair & Renovation of Existing 4 Toilet Blocks, Quarters & Canteen	4	Repair & Renovation of Printing Press (Accounts Office) and Burqa Room at Katchery Campus .
5	Repair and Renovation of Faculty Hostel	6	Repair & Renovation of Library at Katchery Campus .
7	General Repair, Upraising of Boundary Wall, Check Posts, Canopies and Barriers	8	Repair of Roads and Walkways at Katchery Campus .

9	Construction of New Toilets and Repair of Existing Toilets, Floors etc. In Girls Hostel	10	Provision and Laying of Water Supply lines at Katchery Campus .
11	Construction of Toilets and Pantries etc. in Different Departments	12	Repair & Renovation of Boundary Wall along the Ghanta Ghar and Katchery Road at Katchery Campus .
13	Construction of Chief Security Office	14	Construction of Double Storey Building for UBL at Katchehry Campus Multan

Ongoing Projects from University's Own Resources

(New/Repair & Renovation)

Sr. #	Name of Project	Physical Status	Location
1	Repair & Renovation of L-Shape Building	80%	Katchery Campus
2	Repair & Renovation of Servant Quarter	100%	Katchery Campus
3	Repair & Renovation of Amna Hostel	80%	Katchery Campus
4	Construction of Wire Net House	100%	Mattital Camus

Proposed PC-Is

The Women University, Multan, is in dire need of more academic blocks and buildings as well as different repair & renovation projects for its smooth functioning and to introduce new disciplines/programs to produce skilled and professionally qualified females to meet the challenges of the world. The up-gradation and expansion of the Women University, Multan, is imperative for the women of Southern Punjab. This up-gradation is also essential so that WUM can contribute to Vision 2025 and produce valuable women equipped with modern education and technology and they will be the source of prosperous and educated Pakistan.

For this purpose, the following PC-Is have been proposed and submitted for approval:

Proposed PC-1 (HEC)

Sr. No.	Name of Proposed PC-I	Cost (Rs. in million)	Status
1	Strengthening and Up-gradation of the Women University, Multan	1365.00	Submitted

Proposed PC-I (Govt. of Punjab)

Sr. No.	Name of Proposed PC-I	Cost (Rs. in million)	Status
1	Strengthening and Up-gradation of the Women University, Multan	1365.00	Submitted
2	Strengthening and Up-gradation of the Women University, Multan (Phase-II)	1167.12	Submitted
3	Up-gradation of the Women University, Multan (Katchery Campus)	134.545	Submitted
4	Strengthening of the Women University, Multan (Mattital Campus) Phase-I	944.110	Submitted
5	Up-gradation and Missing Facilities at Campuses of the Women University, Multan (Phase-I)	77.842	Submitted
6	Strengthening of the Women University, Multan (Pharmacy & Engineering Block) Phase-II	497.994	Submitted

Concept Papers for PSDP 2021-22 (HEC)

Sr. No.	Name of Concept Paper for PSDP 2021-22	Cost (Rs. in million)	Status
1	Strengthening of the Women University, Multan (Phase-II)	1698.219	Submitted
2	Strengthening of the Women University, Multan (Pharmacy & Engineering Block, Digital Hub at Mattital Campus and Up-gradation of Katchery Campus)	1085.099	Submitted

3	Strengthening of the Women University, Multan (Pharmacy and Engineering Block at Mattital Campus and Up-gradation of Katchery Campus)	632,539	Submitted
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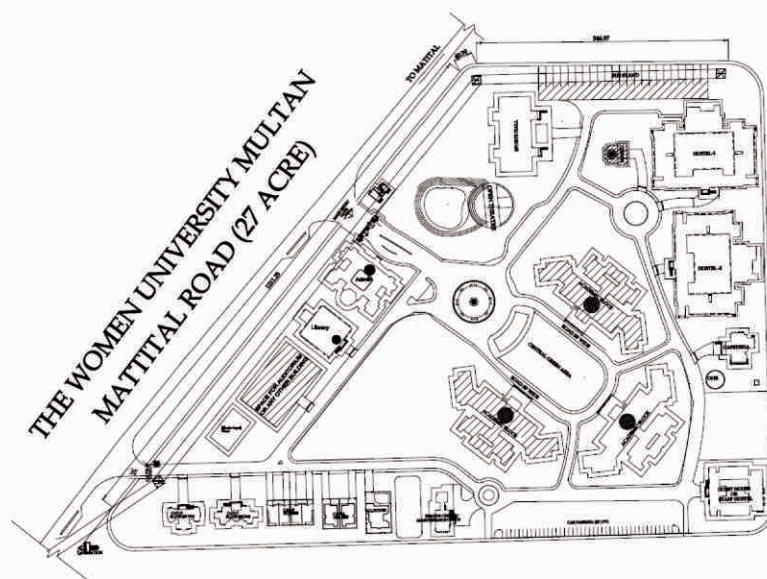
Land Acquisition

Expansion of The Women University Multan

The Women University, Multan, is an emerging university of Southern Punjab providing maximum opportunities to women of the vicinity to uplift higher education and to become active part of the country. To achieve this mission, WUM has to expand and introduce new academic programs as well as co-curricular activities. Being a women university, its more feasible that university may expand at one location so that female students can move easily and securely.

The university has plan to construct further 02 Academic Blocks at existing 27 Acres of Land; thus, there will be 03 Academic Buildings and we will be able to shift 09 departments at Mattital Campus. After that no further space will be available for future expansion, the construction of new departments, and the provision of residential and recreational facilities to the students.

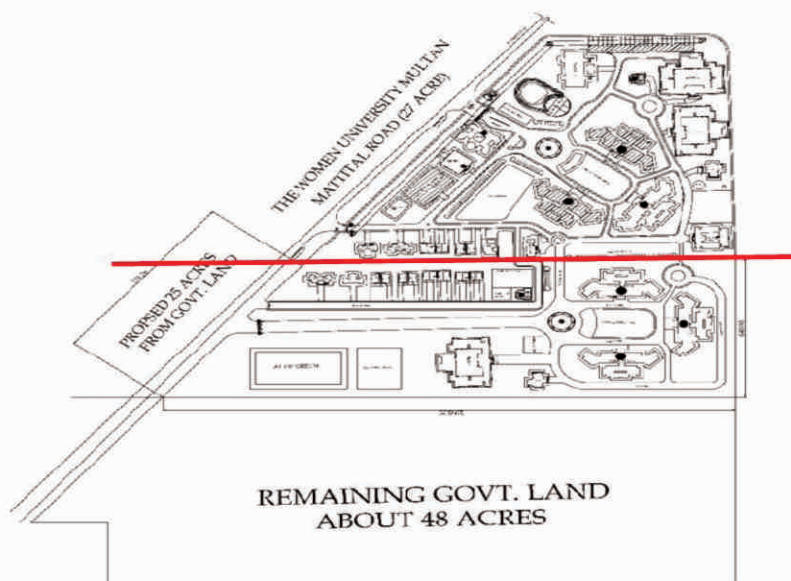
Master Plan (Mattital Campus)



Transfer of Adjacent Govt. Land to The Women University

About 73 Acres of Govt. Land is available adjacent to the southern boundary of the university (Mattital Campus) for which sincere efforts were made previously for its transfer to WUM but these efforts remained fruitless.

Upon appointment as Vice Chancellor, the Women University, Multan, Prof. Dr. Uzma Quraishi tried her best for transfer of the said land and succeeded to arrange the visit of Mr. Iftikhar Sahoo, Commissioner Multan Division, Multan, on 03-09-2019. As per discussion during visit/meeting, initially case for 25 Acres of Transfer of Land was prepared and submitted accordingly.



Proposed PC-I (Transfer 25 Acres of Land)

Sr. No.	Name of Proposed PC-I	Authority	Status
1	Transfer of Govt. Land (at least 25 Acres out of 73 Acres)	Govt. of Punjab	Submitted

Proposed Infrastructure at 25 Acres' Govt. Land

- Academic Blocks (03 Nos.)
- Student Hostel
- Student Centre
- Day Care & After School Facility
- Auditorium/Convocation Hall
- Car Parking Plaza (03 Storey)

- Residential Flats/Houses
- Roads & Walkways, Boundary Wall and Gates/Security Rooms

Letters for Transfer of Land (Correspondence for Transfer of Land)

Sr. No	Subject	Letter		Letter No. & Date
		From	To	
1	Transfer of Govt. Land to the Women University, Multan, at Mattital Road	Registrar, WUM	Commissioner Multan	EST-II/WUM/19-699/D, dated 13-09-2019
2	Courtesy Call of the Vice Chancellor, the Women University, Multan, with Governor/Chancellor dated 27 January 2020	Deputy Secretary (Univ-I)	Commissioner Multan & Secretary, Govt. of Punjab, HED.	GS/(Univ-I)23-4/2020-152, dated 19-02-2020
3	Courtesy Call of the Vice Chancellor, the Women University, Multan, with Governor/Chancellor dated 27 January 2020	Commissioner Multan	Deputy Commissioner Multan	RB-3-52/2011-MN, dated 25-02-2020
4	Transfer of Govt. Land to the Women University, Multan	Section Officer (P&D) GC, Govt. of Punjab, HED	Commissioner Multan	SO(DEV-F)51-56/2019(P-I), dated 24-07-2020
5	Courtesy Call of the Vice Chancellor, the Women University, Multan, with Governor/Chancellor dated 27 January 2020	Deputy Secretary (Univ-I)	Chairman, P & D Board, Govt. of Punjab & Secretary, Govt. of Punjab, HED	GS/(Univ-I)23-4/2020-591, dated 27-07-2020
6	Transfer of Govt. Land to the Women University, Multan	Section Officer (P&D) GC, Govt. of Punjab, HED	Deputy Secretary (Univ-I)	SO(DEV-F)51-56/2019(P-I), dated 07-08-2020
7	Transfer of Govt. Land to the Women University, Multan	Registrar, WUM	Commissioner Multan	WUM/REG/20-99/D, dated 25-08-2020

CHAPTER 09

SPORTS

Physical activity and well-organized sports at educational institutions can play an important role in building student's personality. The activities enable students to perform extra-ordinarily in the academic sphere as well as in their personal sphere. The Directorate of Students Affairs (DSA) arranges and celebrates a Sports Week each year during the month of March to provide its students a platform for their extra-curricular activities and to take part in different sports events.

SPORTS ACTIVITIES

The Women University, Multan, offers a wide variety of sports activities. Some sports facilities have already been established and more are under-development. WUM Teams have been actively participating and performing in Inter-collegiate and HEC Inter-varsity Sports Championships both at the Zonal and National levels. All individuals and teams involved in sports are expected to show sportspersonship, respect, consideration and appreciation towards their opponents, team-mates, officials and university staff at all times.

SPORTS ACHIEVEMENTS

DETAIL OF POSITIONS IN SPORTS COMPETITIONS FROM 2013 TO 30-06-2020

Sr. No.	Name of Category	Total Positions/ Prizes
1.	No. of <u>Gold Medals</u> Won in different Categories of Sports	20
2.	No. of <u>Silver Medals</u> Won in Different Categories of Sports	15
3.	No. of <u>Bronze Medals</u> Won in Different Categories of Sports	36
4.	No. of Positions/ Prizes Won in Different Categories of Sports (Internal / External)	131
5.	No. of Trophies Won in Different Categories of Sports	42
6.	No. of Out Standing Players in Different Categories of Sports	25
7.	No. of Players Who Have Won Best Athlete Awards in Different Categories of Sports	12
8.	No. of Players Who Participated in International Level Games	10
9.	No. of Players Who Participated in National Level Games	74

DETAIL OF POSITIONS IN SPORTS COMPETITIONS IN 2019

Sr. No.	Event	Name of Player	Class/ Department	Position/ Award
1	All Pakistan Inter Board Hand Ball Championship, 2019	Nida Akbar	2 nd Year	Gold Medal
		Zeenat Munir	2 nd Year	Gold Medal
		Manahil Shafiq	2 nd Year	Gold Medal
		Misbah Khakwani	1 st Year	Gold Medal
		Mehwish Nadeem	1 st Year	Gold Medal
2	All Pakistan Inter Board Hockey Championship, 2019	Nida Akbar	2 nd Year	Bronze Medal
		Zeenat Munir	2 nd Year	Bronze Medal
		Manahil Shafiq	2 nd Year	Bronze Medal
		Amna	2 nd Year	Bronze Medal
		Misbah Khakwani	1 st Year	Bronze Medal
		Mehwish Nadeem	1 st Year	Bronze Medal
3	International Hockey Championship, 2019 at Sri Lanka	Nida Akbar	2 nd Year	Selected by Pakistan Sports Board in International Hockey Team for Championship at Sri Lanka, 2019
		Zeenat Munir	2 nd Year	
4	All Punjab Karate Championship, 2019, at Sahiwal	Sadia Iqbal	BS(Political Science)	Gold Medal
		Komal Iqbal	BS (Islamic Studies)	Silver Medal

WUM teams participated in Inter-Collegiate Championship, 2019, under Board of Intermediate & Secondary Education Multan and Punjab Games. The details of event wise positions are as under:

Sr. No.	Name of Game	Venue	Position
1.	Shot Put	BISE, Multan	1 st
2.	Discuss Throw	BISE, Multan	1 st
3.	Taekwondo	BISE, Multan	1 st
4.	High Jump	BISE, Multan	1 st
5.	Long Jump	BISE, Multan	1 st
6.	Hurdle Race	BISE, Multan	1 st
7.	800 Meter Race	BISE, Multan	2 nd

DETAIL OF POSITIONS IN SPORTS COMPETITIONS IN 2019

All Pakistan Inter Board Championship

Sr. No.	Event	Position/ Award
1	Cricket	Winner
2	Hand Ball	Winner
3	200-Meter Race	2 nd Position

University Super League (USL)

Sr. No.	Event		Position/ Award
1	Cricket	The Women University Multan VS Home Economics College	Winner
2	Cricket	The Women University Multan VS Govt. College University Women Sialkot	Winner
3	Volley Ball	The Women University Multan VS Govt. Sadiq College Women University Bahawalpur	Winner

One Student Player Selected by Pakistan Cricket Board (PCB) for Under 18 Cricket World Cup Team

Uswa Sadiq (BS, Political Science) the Women University, Multan, has been selected for Under 18 Cricket Teams by Pakistan Cricket Board (PCB).

Inter District Basket Ball, Volley Ball, Table Tennis Championship, 2019, at Multan

The Women University, Multan, got Winner Trophy (1st Position) in Basket Ball, Volley Ball, Table Tennis, Hand Ball & Athletics in Inter District Championship at Multan.

72nd Punjab Games 2019, Lahore Basket Ball

The Women University, Multan, sports players got 12-Bronze Medals in Basket Ball, Punjab Games, 2019, at Lahore. Basket Ball Team included Uswa Sadiq (BS Pol. Sc.), Saida Iqbal (BS Pol. Sc.), Sana Nadeem (BS Psychology), Amber Nadeem (BS Psychology), Sana Naseem (2nd Year), Zeenat Munir (2nd Year), Nida Akbar (2nd Year), Mehwish (M.Phil Islamic Studies), Komal Iqbal (BS Islamic Studies), Fatima Bibi (BS IT), Adeena (2nd Year), Malaika Kiran (2nd Year).

Friendly Cricket Match Between Teams of UE & WUM (27-11-2019)

A Friendly Cricket Match of three (03) overs was played in the main ground of the university between the cricket teams of University of Education, Multan (UE) and the Women University, Multan (WUM). The Women University, Multan (WUM), cricket team won the toss and elected to bat first. The WUM cricket team gave the target of thirty four (34) runs to UE cricket team. The WUM cricket team won the match by twenty four (24) runs. The students from all departments of the university enjoyed the match.

CHAPTER 10

UNIVERSITIES BUILDING LEADERSHIP

Directorate of Students Affair

Overview

The Directorate of Students Affairs has been functioning efficiently under the supervision of Director Students Affairs along with the joint efforts of a team of faculty members from all departments of the university. Its purpose is to create a positive and healthy learning environment through curricular and extra-curricular activities. These activities help students in their development in academic and personal spheres. Its main focus is to create a better learning space on campus by maintaining the discipline effectively.

The purpose of such forum is to provide students with the opportunity to learn, explore and take part in various extracurricular activities in order to produce the finest form of women leaders in future. It provides multidimensional growth opportunities to students to achieve the goal of building a balanced personality.

Character Building Society (CBS) has also been constituted to manage the discipline in each department of the university. Under the umbrella of CBS, various events have been organized such as Independence Day, Inter-University-Level Competition, Solidarity Day with Kashmir, Pakistan Youth Conference, Sports Gala and Women Entrepreneurial Gala. Events like these provide an effective platform for students to explore and enhance their skills and talents.

Student Services

The role of student services is to prepare students for active participation in society and to support the academic, personal development and emotional needs of the students.

These services include:

- Career Counseling
- Job Placement
- Training and Skill Development
- Retention Program
- New Student Orientation
- Student Health
- Grievance Settlement
- Psychological Counseling
- Scholarship and Financial Support Information
- Student Council

Programs/ Seminars Participated In/Organized By Director Student Affairs

Khabrain Education Expo (03-09-2019)

As per kind direction of Vice Chancellor Prof. Dr. Uzma Quraishi, Prof. QudsiaKhakwani attended/ participated in the “Khabrain Education Expo” on 3rd September, 2019. The students presented introductory material on the stall of WUM.

Defense Day (06-09-2019)

Director Students Affairs, WUM, organized “National Defense Day Seminar” to pay tribute to the martyrs on 6th September, 2019. A large number of faculty members and students attended the event. The students created a video to pay tribute to national martyrs, performed skits, recited Allama Iqbal's poetry and sang national songs.

Duniya Education Expo (17-09-2019)

As per kind directions of Worthy Vice Chancellor Prof. Dr. Uzma Quraishi, Prof. QudsiaKhakwani along with her team and students from the Institute of Management Sciences, departments of Mass Communication, Bio Chemistry & Bio Technology, English, Islamic Studies, and Chemistry, actively attended/ participated in the event. The students presented hand-made things and introductory material was displayed on the stall of the Women University, Multan. Mr. Shoukat, DIG Prison Department, visited the stall and bought some-hand made things worth the amount of Rs.5000/- to encourage the students. Syed Javed Hashmi (Ex-MNA) alongwith Syed Javed Ali Shah (Ex-MNA) visited the stall to encourage the students of WUM.

Breast Cancer Awareness Seminar (08-10-2019)

A Breast Cancer Awareness Seminar was organized by Prof. QudsiaKhakwani, Director Students Affairs/ Chief Organizer, Character Building Society, in Fatima Jinnah Hall at the Women University Multan, in which a comprehensive lecture was delivered about breast cancer.

Anti-Narcotics Awareness Seminar (15-10-2019)

Anti Narcotics Awareness Seminar was organized under the direction of Prof. QudsiaKhakwani, Director Students Affairs, on 15th October, 2019, in Fatima Jinnah Hall at the Women University, Multan. Ms. Maham Imtiaz (Lecturer, Psychology/ Member, CBS) was the focal person of the program. The guest speaker Col. (R) Dr. Khalid Mehmood (Psychiatrist) from Arrahma Hospital for Mental Health, Multan, delivered informative lecture about mental diseases/ harmful effects of narcotics on students. All CBS Members from every department along with their students as well as other faculty members of the university fully participated in Anti-Narcotics Awareness Seminar.

Pink Ribbon Day (17-10-2019)

Pink Ribbon Day, 2019, was organized by Dr. Atia Iqbal (Focal Person, Pink Youth Awareness Program, 2019) with proper coordination/ supervision of Prof. QudsiaKhakwani (Director Students Affairs) on 17th of October, 2019, in the main ground of the university (Katchery Campus). The students as well as faculty members wore pink dupatta from all departments of the university and arranged stalls of different kinds of items (i.e. Bake Sales, Food Items, Mehndi, Bangles, Dresses, General Items, Weight Check, Medical Test, BMI, etc).

The purpose of celebration was fund raising for the patients suffering from breast cancer in Shaukat Khanum Cancer Hospital, Pakistan. In this regard, different stalls were arranged by the students including songs dedication, mehndi and bangles. Moreover, tickets of pink ribbon were sold to the students.

World Mental Health Day (10-10-2019)

World Mental Health Day was celebrated by the students of Department of Applied Psychology on 10th October, 2019. There was an inter-class poster competition and an awareness walk. This day is for us to unite in our efforts to raise awareness and mobilize people around the world about mental health.

Shahid Khan Afridi (SAF) Road to Education Program for Membership of “LaLa Nation 10” Volunteer Force (22-10-2019)

An event for Shahid Afridi Foundation (SAF) “Road to Education” was organized under Prof. QudsiaKhakwani (Director Students Affairs) on 22nd October, 2019, in Fatima Jinnah Hall at the Women University, Multan.

The Worthy Vice Chancellor Prof. Dr. Uzma Quraishi along with Ms. Sabeen Gull Khan (MPA/Member Syndicate), Mr. Khurram S.A. Qureshi (Registrar) and Director Student Affairs warmly welcomed the legendary cricketer Mr. Shahid Khan Afridi (Global Chairman, SAF), Mr. Zeshan Afzal (Global CEO, SAF), Mr. Rizwan Ahmad (Global COO, SAF), Dr. M. Abdul Saboor (CEO, LPP), Mr. Abdul Qadir (Manager Marketing FR & Project) and Raja Matloob (Famous Host, Celebrity). Fatima Jinnah Hall was jam-packed and maximum strength of our students warmly welcomed the guests.

Mr. Shahid Khan Afridi delivered a lecture about the purpose of SAF (Shahid Afridi Foundation) to our students, faculty members, administrative heads, officers and officials. The membership campaign was started by Shahid Khan Afridi. The Membership of “Lala Nation 10” was initiated by Prof. Dr. Uzma Quraishi (Worthy Vice Chancellor), Ms. Sabeen Gull Khan (MPA) and Prof. QudsiaKhakwani (Director Student Affairs). Under the Supervision of Ms. Iram Imtiaz Ashfaq (President, CBS), Ms. Tahira Saleem (Vice President, CBS), and Ms. Sumera Khalid (General Secretary, CBS), all the CBS faculty members along with their students fully participated in the program. Approximately 320 students and faculty members of university took the memberships. Shahid Khan Afridi Foundation later sent the Appreciation Certificate with Shahid Afridi's signed Cricket Bat to the Worthy Vice Chancellor and Cricket Ball to the Director Student Affairs. This was presented by Abdul Qadir Sb. & Arshad Sb. (Representatives, Lala Nation 10).

Wiz Cleaning Competition to Promote “SafaiNisfEman Hay” (22-10-2019)

Hafeez Ghee & General Mills (Pvt.), Ltd., Multan conducted Wiz Cleaning Competition under the supervision of Ms. Sumera Khalid (General Secretary, CBS) on behalf of Prof. QudsiaKhakwani (Director Student Affairs) in the main ground of Katchery Campus. Students from all the departments of university actively participated and won wall clocks, detergent powder, cleansing gloves, brush, etc.

Participation in 3rd International Students Convention and Expo-2019 at Karachi (26-10-2019 to 29-10-2019)

As per directions of Vice Chancellor Prof. Dr. Uzma Quraishi, Director Student Affairs Prof. QudsiaKhakwani sent a delegation of twenty (20) students under the supervision of Ms. Sumera Khalid (General Secretary, CBS) to International Students Convention and Expo-2019. Students met different delegations of students from foreign universities and exchanged ideas with them.

Inter-Faith Harmony Awareness Seminar (27-11-2019)

Lodhran Pilot Project (LPP) conducted Interfaith Harmony Awareness Seminar under the supervision of Prof. QudsiaKhakwani (Director Student Affairs) on 27th November, 2019, in Fatima Jinnah Hall at the Women University Multan. Ms. Aqsa Ahmad (Project Manager, Lodhran Pilot Project) delivered a lecture on Interfaith Harmony. Students from all the departments of university fully participated.

Motivational Talk Session on Million Smiles (29-01-2020)

”ہر فرد ہے مل ت کے مقدر کا ستارہ“

The Motivational Talk Session on Million Smiles ”ہر فرد ہے مل ت کے مقدر کا ستارہ“ was organized by Prof. QudsiaKhakwani, Director Student Affairs on 29-01-2020 at 11:00am in Fatima Jinnah Hall, The Women University Multan. The Program was started with the recitation of Holy Quran, Hamd&Naat. The Program proceeded under the kind presence of Prof. Dr. Asmat Naz (Dean Faculty of Arts & Social Sciences), Prof. Farzana Akram (Dean Faculty of Sciences) and Prof. Mahmooda Irfan Wyne (Associate Professor, Islamic Studies).

The Guest Speaker Mr. Zeeshan Afzal (Global CEO, Shahid Afridi Foundation) shared his ideas/ suggestions with the students/faculty for passing their lives with Million Smiles. Students from all the departments actively participated in the program.

Walk in Solidarity with the People of Occupied Kashmir (05-02-2020)

A Walk in Solidarity with Pakistan Army was organized by Prof. QudsiaKhakwani in the Women University, Multan. The Vice Chancellor Prof. Dr. Uzma Quraishi led the walk with Ms. Sabeen Gull (MPA), Mr. Qamar-uz-Zaman Qaisrani (ADC), Dr. Robina Akhtar (President Multan Lady Wing, PTI), Prof. QudsiaKhakwani (Director Students Affairs), faculty members and students from Fatima Jinnah Hall to the Admin Block of the Women University, Multan. Students raised slogans and sang national songs to show solidarity with the people of Occupied Kashmir. All faculty members along with their students and administrative staff from each department of Katchery&Mattital Campuses fully participated in the event. The participants displayed posters/banners showing their love/solidarity with the people of Occupied Kashmir. Students demanded that the United Nations take immediate action to save the lives of the people of Occupied Kashmir.

A Program for the Promotion of “Multan Sultans” (11-02-2020)

As per kind directions of Worthy Vice Chancellor Prof. Dr. Uzma Quraishi, a program for promotion of Multan Sultans was organized by Lodhran Pilot Project (LPP) and Grass Root Cricket Private, Ltd. (GCPL) under the supervision of Prof. Qudsiakhakwani (Director Student Affairs) on 11th February, 2020, at Fatima Jinnah Hall, the Women University, Multan. The Worthy Vice Chancellor along with the Registrar and CBS members warmly welcomed Mr. Ali Khan Tareen (Co-Owner Multan Sultans/ President LPP & GCPL), Muhammad Irfan (Fast legendary Bowler, Pakistan Cricket Team), Usman Qadir (Cricketer) and his team with flowers.

The program started with the recitation of Holy Quran. The Coupons were distributed to all the participants for lucky draw. The Honourable Guest Ali Khan Tareen started the Lucky Draw with Quiz and picked coupons from the coupon box for announcement of winner for PSL Ticket/ Multan Sultans Cricket Team Shirt. Two students won the PSL Tickets and six students won the Multan Sultan's team shirts. Students from all departments of the university enjoyed the program.

Green Day Celebrations (14-02-2020)

The Celebration of Green Day was organized by Prof. Qudsiakhakwani (Director Students Affairs) and Dr. Hina Ali (Incharge, Matital campus) regarding Clean & Green Pakistan Movement to promote the activity of Plantation of Trees on 14th February, 2020, at the Women University, Multan (Katchery&Mattital campuses). All departments were decorated with different kinds of plants and green balloons by the students. The main ground of the university was prepared for Tree Plantation by Estate Officer. The Opening Ceremony of Green Day was started with the cutting of ribbon at the entrance of main ground by Vice Chancellor Prof. Dr. Uzma Quraishi along with all the Deans, administrative staff, faculty members and students of the university. Trees were planted by Prof. Dr. Uzma Quraishi (Vice Chancellor), Mr. Khurram S. A. Qureshi (Registrar), Prof. Dr. Asmat Naz (Dean, Faculty of Arts & Social Sciences), Prof. Qudsiakhakwani (Director Students Affairs/ Dean, Faculty of Religion & Languages), Prof. Anila Asif (Dean, Faculty of Economics, Commerce & Management Sciences), Prof. Farzana Akram (Dean, Faculty of Sciences), Mr. Asad Ali Bhutta (Project Director), Dr. Hina Ali (Controller of Examinations) and Dr. Atia (Treasurer).

The Vice Chancellor Prof. Dr. Uzma Quraishi said that Islam emphasizes cleanliness because it is the part of our faith to purify environment and ourselves. She urged the youth to come forward to make Pakistan clean and green. The students and faculty members from all the departments actively participated in planting saplings on the road sides and empty places of the university (Katchery&Mattital Campuses) in a well-organized manner. The Vice Chancellor Prof. Dr. Uzma Quraishi visited all the departments of both the campuses along with members of Character Building Society & students. She highly appreciated the organizers of all the departments.

Celebration of International Women's Day (06-03-2020)

On the direction of Vice Chancellor Prof. Dr. Uzma Quraishi, the celebration of International Women's Day, 2020, was organized by Prof. QudsiaKhakwani (Director Students Affairs) with the collaboration of District Population Welfare Centre and Violence against Women Centre, Multan on 6th March, 2020, at the Women University, Multan. The program was presided over by Ms. Sabeen Gull (MPA/ representative of Chief Minister Punjab/ Member Syndicate) along with guests including Mr. Qamar-uz-Zaman Qaisrani (Additional Deputy Commissioner), Mr. Mazhar Iqbal (District Population Welfare Officer, Multan), Ms. Huma Naseeb (Chief Traffic Officer, Multan), Ms. Sadia (ADIG), Ms. Sana (Manager, Violence against Women Centre),

Madam Abida Fareed (Assistant Commissioner, Multan City), and Ms. Atia (DSP, Multan). Ms. Atia said that women are strongly capable of handling all the challenges of life and they are also builders of the nation. Mr. Mazhar Iqbal (District Population Welfare Officer, Multan) said that national progress is not possible without participation of women in social life. Prof. Anila Asif (Dean, Faculty of Economics, Commerce & Management Sciences) said that women play a vital role in upbringing of their children and support them to secure bright future. Ms. Sabeen Gull (MPA) addressed the students/ faculty members and emphasized that women play an effective role in leading the nation.

In the end of the program, Ms. Sabeen Gull (MPA) distributed Life Time Achievement Awards to our excellent, role model faculty members of the university including Prof. (Rtd.) Shamsa Khawaja, Prof. Dr. Asmat Naz, Prof. Anila Asif, Prof. QudsiaKhakwani & Prof. Farzana Akram), Prof. Dr. Asmat Naz (Dean, Faculty of Arts & Social Sciences), Prof. Anila Asif (Dean, Faculty of Economics, Commerce & Management Science), Prof. Farzana Akram (Dean, Faculty of Sciences).

Students Competitions

Inter-University Awareness Annual Competitions, 2019, in Connection with International Anti-Corruption Day (28-11-2019 to 06-12-2019)

National Accountability Bureau (NAB) Multan organized the Inter-University (Essay Writing, Declamation, Drama, Poetry & Painting/ Poster) competitions among the students of all universities of Southern Punjab on different venues in Multan from 28th November, 2019, to 06th December, 2019. Under the supervision of Prof. QudsiaKhakwani (Director Students Affairs) and University Character Building Society, the students actively participated and won several positions with cash prizes. The prize distribution ceremony was held on 09th December, 2019, in Arts Council Multan. The Director General, NAB, awarded cash prizes/ shields to the position holder students. Worthy Vice Chancellor Prof. Dr. Uzma Quraishi graced the occasion with her kind presence.

The detail of position holders is as under:

Drama/ Tableau Competition

The competition was conducted among the students of all universities of Southern Punjab on 28th November, 2019, at Arts Council Multan. The detail of position holder is as under:

Sr. No.	Name	Department	Position	Cash Prize with Shield
1	Shana Sajjad & Company (Iqra Sarwar, Fatima Batool, Huda Fayaz, Noor-ul-Huda, Lams Maryam, Maham Farooq, Iqra Sajid Khan, Saliha Aftab, Areeba & Ayesha Zakir)	English	3 rd	Rs.5000/-

Essay Writing Competition

The competition was conducted among the students of all universities of Southern Punjab on 3rd December-2019 at NFC University, Multan. The detail of position holders is as under:

Sr. No.	Name	Department	Position	Cash Prize with Shield
1	Rida Iqbal	Urdu	2 nd	Rs.5000/-
2	Ramsha Nawaz	Zoology	3 rd	Rs.3000/-

Wall Painting Competition

The competition was conducted among the students of all universities of Southern Punjab on 4th December-2019 at Govt. Emerson College, Multan. The detail of position holders is as under:

Sr. No.	Name	Department	Position	Cash Prize with Shield
1	Nazish Umer & Company (Maryam Irfan, Shahana Sajjad & Afshan Noreen)	Islamic Studies, Chemistry, English, BBT	2 nd	Rs.5000/-

Declamation Competition

The competition was conducted among the students of all universities of Southern Punjab on 5th December, 2019, at NFC University, Multan. The detail of position holder is as under:

Sr. No.	Name	Department	Position	Cash Prize with Shield
1	Mehwish Ramzan	Urdu	3 rd	Rs.2000/-

Painting/ Poster Competition

The competition was conducted among the students of all universities of Southern Punjab on 6th December, 2019, at NFC University, Multan. The detail of position holders is as under:

Sr. No.	Name	Department	Position	Cash Prize with Shield
1	Maryam Irfan	Chemistry	2 nd	Rs.3000/-
2	Iqra Asad	CS & IT	3 rd	Rs.2000/-

Poster/Painting Competition

Mubashira Aziz (M.A. English, 3rd Semester) & Nageen Arif (BS BBT, 5th Semester) participated in Speech (Urdu & English) competition and three students participated in Poster/ Painting Competition and got positions with cash prizes in Duniya Education Festival, 2019. The detail is as under:

The competition was conducted on 17th September, 2019. The detail of position holders is as under:

Sr. No.	Name	Class	Position
1	Maryam Irfan	Chemistry	1st
2	Iqra Asad	CS & IT	2nd
3	Esha Maryam	English	3rd

Sr. No.	Name	Class	Position	Cash Prize with Shield
1	Nazish Umer	M.Phil (Islamic Studies)	1st	Rs.500/-
2	Afshan Noreen	BS (BBT)	2nd	Rs.500/-
3	Maryam Irfan	M.Sc. (Chemistry)	3rd	Rs.500/-

Essay Writing Competition (Urdu)

Inter-Departmental Awareness Annual Competitions, 2019, in Connection with International Anti-Corruption Day (Declamation, Drama, Poetry & Painting/ Poster Competitions) were organized under the supervision of Prof. Qudsia Khakwani (Director Students Affairs). The competition was conducted among the students of all departments of the Women University, Multan, on 11th November, 2019. The detail of position holders is as under:

Sr. No.	Name	Class	Position
1	Rida Iqbal	Urdu	1st
2	Mah Noor	Islamic Studies	2nd
3	Zill-e-Huma	Bio Chemistry & Bio Technology	3rd
4	Rohma Saeed	Chemistry	3rd

Essay Writing Competition (English)

The competition was conducted among the students of all departments of the Women University, Multan, on 11th November, 2019. The detail of position holders is as under:

Sr. No.	Name	Class	Position
1	Hijab Fatima	English	1st

Sr. No.	Name	Class	Position
1	Maryam Irfan	Chemistry	1st
2	Iqra Asad	CS & IT	2nd
3	Esha Maryam	English	3rd

Sr. No.	Name	Class	Position
1	Hijab Fatima	English	1st
2	Nayab	Bio Chemistry & Bio Technology	1st
3	Zahra Riaz	Political Science	2nd
4	Ramsha Nawaz	Zoology	3rd
5	Hamna Ayyaz	Psychology	3rd

Painting/ Poster Competition

The competition was conducted among the students of all departments of the Women University, Multan, on 11th November, 2019. The detail of position holders is as under:

Poetry Competition (Urdu)

The competition was conducted among the students of all departments of the Women University, Multan, on 12th November, 2019. The detail of position holders is as under:

Sr. No.	Name	Class	Position
1	Saima Raza	English	1st
2	Afshan Noreen	Bio Chemistry & Bio Technology	2nd
3	Manahil Khanum Durrani	Microbiology & Molecular Genetics	3rd

Poetry Competition (English)

The competition was conducted among the students of all departments of the Women University, Multan, on 12th November, 2019. The detail of position holders is as under:

Sr. No.	Name	Class	Position
1	Huzaifa Rehman	Bio Chemistry & Bio Technology	1st
2	Ayman Javaid Khan	English	2nd
3	Anoosha Farid	CS & IT	3rd

Declamation Competition (Urdu)

The competition was conducted among the students of all departments of the Women University, Multan, on 13th November, 2019. The detail of position holders is as under:

Sr. No.	Name	Class	Position
1	Mehwish Ramzan	Urdu	1st
2	Manahil Khanum Durrani	Microbiology & Molecular Genetics	1st
3	Iqra Asghar	Zoology	2nd
4	Khazra Ayub	Environmental Science	3rd

Declamation Competition (English)

The competition was conducted among the students of all departments of the Women University, Multan, on 13th November, 2019. The detail of position holders is as under:

Sr. No.	Name	Class	Position
1	Mubashira Aziz	English	1st
2	Sara Manan	Chemistry	2nd
3	Areeza Ali	English	3rd

Drama Competition

The competition was conducted among the students of all departments of the Women University, Multan, on 14th November, 2019. The detail of position holders is as under:

Sr. No.	Name	Class	Position
1	Maryam Ishaq & Companions	English	1st
2	Maryam Irfan & Companions	Chemistry	2nd
3	Areasha and Companions	CS & IT	3rd

FACILITIES FOR STUDENTS (Scholarship Programs)

FINANCIAL AID OFFICE

Since its inception, the Women University, Multan, has been offering two types of financial assistance to its brilliant, needy, orphan and disabled students on the basis of need or student's financial status. These scholarships include:

Need Based Scholarships

This scholarship scheme is funded by the Higher Education Commission of Pakistan in which scholarships are offered to the meritorious needy students of the university. Total 116 scholarships have been awarded till date to the needy students of university.

Punjab Education Endowment Fund (PEEF)

PEEF is a pro-active scholarship scheme funded by the Government of Punjab in which scholarships are provided to the students on the basis of marks obtained in their previous degree.

National Endowment Scholarship for Talent (NEST)

Talented & deserving MS & PhD students have opportunity to get scholarship under the said program. NEST is a public non-profit organization, providing financial assistance to those talented students who are unable to pursue higher education due to financial constraints. Scholarship provides funds for Tuition Fee, Books, Transport, Stipend, Hostel. 16 scholarships have been awarded to MS/MPhil students enrolled in 2018.

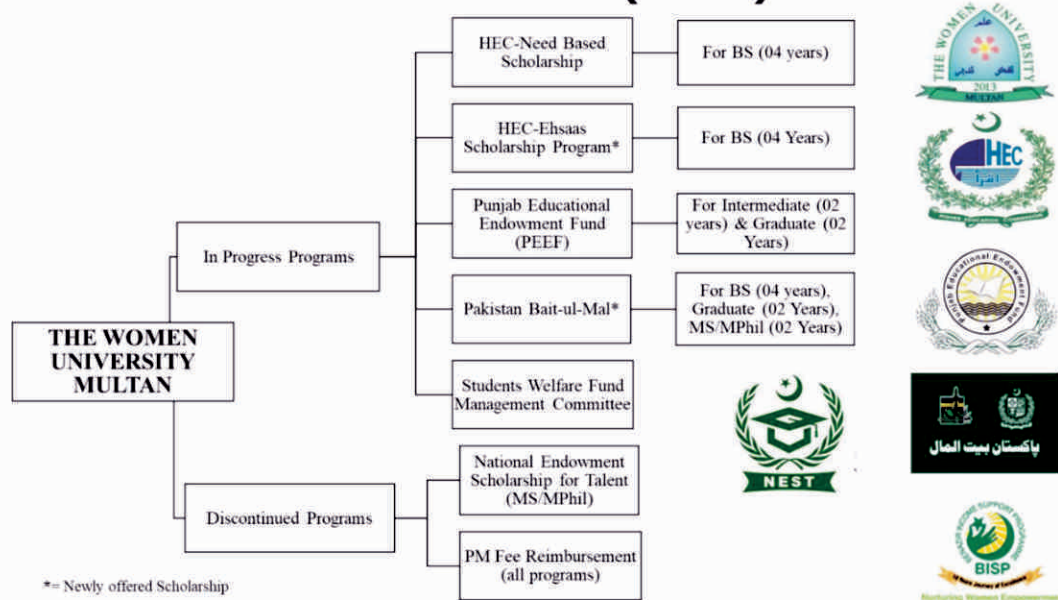
Some other scholarships funded by the Women University, Multan, are as under:

Students Welfare Funds

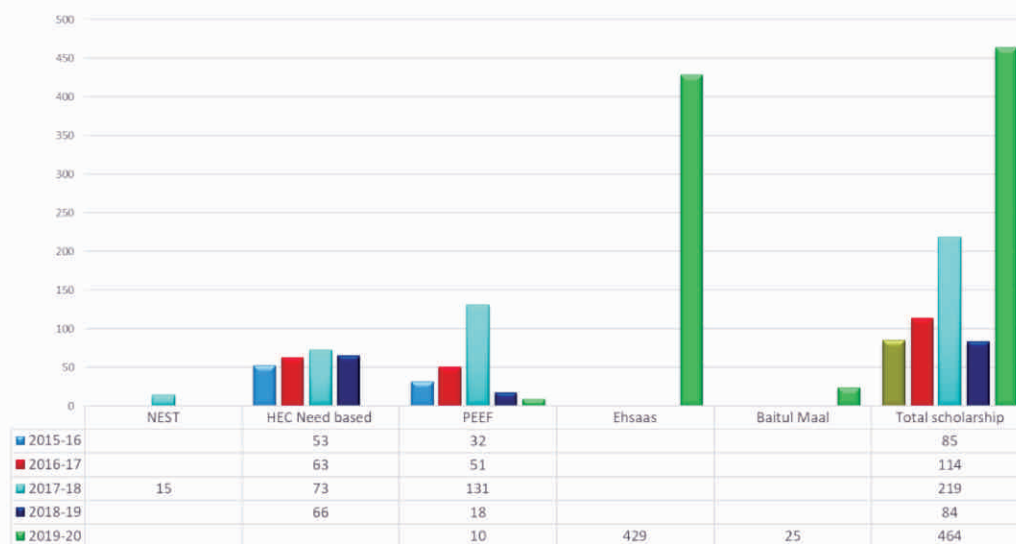
Kinship Based Fee Concession

Students apply for these scholarships through their relevant department and concerned departmental evaluation committees. These Committees check the eligibility of students for the award of these scholarships for their smooth educational activities without any interruption on monetary grounds based on their unaffordability.

Student Financial Aid Office (SFAO) at WUM



Scholarships Summary



CHAPTER 11

UNIVERSITY GOVERNANCE

UNIVERSITY GOVERNANCE

Chief Executives

Sr. No.	Name	Designation
1.	Mohammad Sarwar	Governor/Chancellor
2.	Raja Yassir Humayun Sarfraz	Pro Chancellor
3.	Prof. Dr. Uzma Quraishi	Vice Chancellor

Heads of Administrative Departments

Sr. No.	Name	Designation
1.	Prof. Farzana Akram	Registrar
2.	Syed Rehan Qadir	Treasurer
3.	Dr Hina Ali	Controller of Examination
4.	Engr. Asad Ali Bhutta	Project Director
5.	Dr. Maryam Zain	Director ORIC
6.	Dr. Sara Musaddiq	Director QEC
7.	Prof. Naila Ishfaq	Director Students Affairs
8.	Dr. Asmat Rizwan	Chairperson Hall Council
9.	Dr. Malika Rani	Warden Katchery Campus Hostel
10.	Dr. Adeela Haroon	Warden Mattital Campus Hostel
11.	Ms. Abida Rizwi	Director Sports
12.	Major (R) Munir Ahmed	Chief Security Officer
13.	Ms. Anum Zehra	Public Relation Officer
14.	Ms. Gulnaz Batool	Assistant Librarian

Chairpersons/Director/Incharge

Sr. No.	Department Name	Name of Incharge/Chairperson/Director
1.	Applied Psychology	Ms. Nadia Gillani
2.	Art & Design	Ms. Sonia Nasir Khan
3.	Education	Dr. Hina Munir
4.	History & Pakistan Studies	Ms. Mubina Nargis
5.	Mass Communication	Ms. Beenish Zaheen
6.	Political Science & International Relations	Ms. Sadaf Butt
7.	Sociology	Ms. Aisha Khan
8.	Economics	Ms. Farhana Tabassum
9.	Institute of Management Sciences	Dr. Maria Kanwal
10.	Biochemistry & Biotechnology	Dr. Maryam Zain
11.	Botany	Dr. Adeela Haroon
12.	Environmental Sciences	Dr. Shazia Jabeen
13.	Microbiology and Molecular Genetics	Dr. Atia Iqbal
14.	Pharmacy	Dr. Ayesha Rashid
15.	Zoology	Dr. Asia Bibi
16.	Arabic	Dr. Kalsoom Paracha
17.	English	Dr. Asmat Ara
18.	Islamic Studies & Comparative Religions	Prof. Mehmooda wayeen
19.	Urdu	Prof. Nighat Iftikhar
20.	Institute of Computer Sciences & Information Technology	Ms. Meherwar Fatima
21.	Chemistry	Prof. Naila Ishfaq
22.	Mathematics	Dr. Qammar Rubbab
23.	Physics	Prof. Rukhsana Long
24.	Statistics	Dr. Uzma Nawaz

STATUARY BODIES MEETINGS HELD IN YEAR 2019-2020

The detail of the meetings of various statutory bodies of the Women University, Multan, conducted for the year 2019-2020 have been given below:

SYNDICATE	No.	19 th	20 th	21 st	22 nd	23 rd	24 th	Total	
	Date	7-10-2019	9-11-2019	7-02-2020	17-7-2020	12-8-2020	4-9-2020	6	
Academic Council	No.	5 th	6 th	7 th	8 th	9 th	10 th	Total	
	Date	3-10-2019	25-11-2019	10-2-2020	26-6-2020	18-9-2020	23-10-2020	6	
BASR	No.	7 th	8 th	9 th	10 th	11 th	12 th	13 th	Total
	Date	4-9-2019	11-11-2019	7-1-2020	19-6-2020	9-7-2020	25-8-2020	14-10-2020	7
FnPC	No.	8 th	9 th	10 th	11 th	12 th	Total		
	Date	04-12-2019	01-07-2020	12-10-2020	19-10-2020	24-10-2020	5		

ADDITIONAL CHARGE/ADDITIONAL DUTIES

Sr. No.	Name	Father Name	Addl Charge Designation	Addl Charge BPS	Addl Charge Start Date	Addl Charge EndDate	Additional Charge End Reason	Current Designation
1	HINA ALI	ALI AHMAD	Controller of Examinations	20	12/10/2019	Continue	NULL	Assistant Professor, Department of Economics
2	AISHA KHAN	MUHAMMAD ABRAR KHAN	Teacher Incharge	NULL	9/18/2019	Continue	NULL	Assistant Professor, Department of Sociology
3	MAMOONA YASMIN	HAFIZ MUHAMMAD IBRAHIM KHAN	Director, Center for Intermediate Studies	NULL	7/8/2019	Continue	NULL	Assistant Professor, Department of English
4	DR. SHAZIA PERVEEN	MUHAMMAD ZAFAR ULLAH	In-charge Day Care Centre	NULL	9/11/2019	Continue	NULL	Assistant Professor, Department of Zoology
5	DR. ATIA IQBAL	MUHAMMAD IQBAL SHAHID	Treasurer	20	12/26/2019	5/19/2020	None	Assistant Professor, Department of Microbiology & Molecular Genetics

Sr. No.	Name	Father Name	Addl Charge Designation	Addl Charge BPS	Addl Charge Start Date	Addl Charge EndDate	Additional Charge End Reason	Current Designation
6	SYED REHAN QADIR	SYED MAHMOOD-UL-HASNAIN	Treasurer	20	7/26/2019	12/25/2019	None	Assistant Treasurer, Purchase Section
7	SYED REHAN QADIR	SYED MAHMOOD-UL-HASNAIN	Treasurer	20	5/20/2020	Continue	NULL	Assistant Treasurer, Purchase Section
8	MUHAMMAD ASLAM	MUHAMMAD HANIF	Assistant Treasurer (Pension)	17	7/3/2019	Continue	NULL	Assistant Treasurer, Salary Section
9	MUHAMMAD ADNAN	WALI MUHAMMAD	Estate Officer (Mattital Campus)	NULL	6/25/2020	Continue	NULL	Assistant Engineer (Civil)
10	UMAR ALI	KARAM DIN	Conductor	1	9/6/2019	Continue	NULL	Bus Cleaner
11	KHURRAM SHEHZAD ASLAM	MUHAMMAD ASLAM QURESHI	Registrar	20	7/26/2019	3/12/2020	None	Deputy Registrar
12	KHURRAM SHEHZAD ASLAM	MUHAMMAD ASLAM QURESHI	Additional Registrar	NULL	4/20/2020	Continue	NULL	Deputy Registrar
13	FARZANA AKRAM	MUHAMMAD NAWAZ	Incharge Professor, Faculty of Science	NULL	10/3/2019	Continue	NULL	Professor, Department of Chemistry
14	FARZANA AKRAM	MUHAMMAD NAWAZ	Registrar	20	3/13/2020	Continue	NULL	Professor, Department of Chemistry
15	NAILA IMTIAZ ISHFAQ	IMTIAZ ALI	Chairperson, Department of Chemistry	NULL	3/30/2020	Continue	NULL	Associate Professor, Department of Chemistry

16	MEHMOODA IRFAN	SH. MUHAMMAD ANWAR	Chairperson, Department of Islamic Studies	NULL	4/29/2020	Continue	NULL	Associate Professor, Department of Islamic Studies
17	RUKHSANA LANG	PROF.HUSSAIN BAKHSH LANG	Chairperson, Department of Physics	NULL	10/17/2019	Continue	NULL	Associate Professor, Department of Physics
18	AMNA EHSAN	EHSAN UL HAQ	Incharge Day Care Center	NULL	1/8/2020	Continue	NULL	Assistant Professor, Department of English
19	SALMAN SALEEM	MUHAMMAD SALEEM CHAUDHRY	Junior Clerk, Department of Pharmacy	11	10/30/2019	12/28/2019	None	Junior Clerk, Department of Environmental Sciences
20	ZAHRA RAFIQUE	MUHAMMAD RAFIQUE CH	Assistant Treasurer (Purchase)	17	7/26/2019	2/5/2020	None	Assistant Treasurer
21	ARFAN HAIDER	CH. GHULAM HAIDER	Controller of Examinations	20	8/1/2019	12/9/2019	None	Deputy Controller of Examinations
22	MUHAMMAD WALEED	MUHAMMAD ASHRAF	Naib Qasid / Attendant	1	7/29/2019	10/13/2019	Transferred	Naib Qasid / Attendant
23	KAMRAN RASHEED	ABDUR RASHEED	Estate Officer (Katchery Campus)	NULL	9/11/2019	10/23/2019	Transferred	Admin Officer
24	SAIRA NASIR	NASIR MAHMOOD	Assistant Registrar (Scholarship Branch)	17	7/11/2019	12/8/2019	Transferred	Assistant Registrar, Est-II

CHAPTER 12**OFFICE OF RESOURCE GENERATION/ DEVELOPMENT****FUTURE PLANS FOR NEW DEPARTMENTS**

Various new departments would be established under different faculties in the next phase:

Faculty of Arts and Social Sciences

Department of Law

Faculty of Economics, Commerce and Management Sciences

Department of Commerce

Department of Library and Information Sciences

Faculty of Life Sciences

Department of Bioinformatics

Faculty of Religion and Languages

Institute of International Languages: Chinese, French & German

Faculty of Health Sciences

College of Dentistry

College of Medicine and Surgery

College of Nursing

Department of Medical Lab Technology

Department of Public Health

Faculty of Engineering and Technology

Department of Chemical Engineering

Department of Electrical Engineering

Department of Architecture Engineering

Department of Telecommunication Engineering

Department of Computer Engineering

FUTURE PLANS OF DIRECTORATE OF RESEARCH

- Patenting of Research by filing of more patents
- Establishing national and international linkages

CHAPTER 13 HEALTH CENTRE/ OTHER RELATED FACILITIES

MEDICAL FACILITIES

Health care of students and staff has always been considered as the priority at WUM. To fulfill this purpose, the university has a fully equipped on-campus Health Center looked after by a female doctor. The University Health Center provides the first aid and medical assistance for minor emergencies. This Health Center provides the health facilities to all students and staff throughout the year. 24-hours ambulance service is also available at WUM.

HOSTEL

WUM has two hostels (Amna Hall & Ayesha Hall) at Katchery Campus for its students with all basic facilities including mess with a total capacity of 650 students. The hostels are located inside the building of the university to provide the students secure stay in campus. Due to inside facility of accommodation, students are extremely close to campus being a short walk away from their classes and university building. The university also has two faculty hostels to facilitate its staff with capacity of almost 36 rooms. Recently, a student hostel as well as staff residency & guest house have been established at Mattital Campus. All the matters related to the students' hostels and faculty hostel are being administered by the Chairperson Hall Council and are coordinated through the hostel warden. There is strict 24/7 security check and procedures to ensure safety and security of students who are residing in hostels.

DAY CARE CENTRE

Due to the acute demand of faculty and staff members, WUM Daycare Center has been established in Katchery and Mattital Campus. A Day Care Centre is a place where learning and fun become one. It is the primary place where young children learn social and pre-academic skills necessary for success in school. WUM Daycare Center is a place where children are safe and happy. The center provides numerous opportunities for children to experience wonder, pleasure, and delight. Parents feel confident and secure leaving their children in the center.

CAREER COUNSELING CENTER

The availability of a good career counseling platform at educational institutions is necessary for building a strong career of their students. WUM has established a Career Counseling Center which helps students in their educational guidance and counseling services throughout their stay at the university. The Center assists the students in their personal and educational development. It also advises them regarding their career options and opportunities. It helps in building the industrial linkages with various external organizations for creating internship and job opportunities for its students.

HOSTEL COUNSELING PSYCHOLOGY

Counseling psychologists at WUM help students with emotional, physical and mental health issues. They also provide assessment, diagnosis, and treatment of more severe psychological symptoms and issues related to learning difficulties i.e., difficulty in reading (dyslexia) and writing (dysgraphia) and difficulty with mathematics (dyscalculia). Confidentiality is part of psychology's code of ethics and is maintained to protect individuals' medical records and personal health information, including information about psychotherapy and mental health.

DAR-UL-QURAN

WUM has established an Islamic Center at a central location in the university. There are arrangements for prayer for all students. This center is running under the supervision of a full-time teacher who monitors the activities of Islamic Center and teaches the Quran to interested university students. The Center also arranges different religious events in the university.

BANK & ATM

WUM has HBL ATM facility inside the building of university to provide safe ATM transactions to university administration, staff and students. Branches of HBL and MCB are also under construction. The purpose of such facilities is to ensure a secure and comfortable stay of students on campus.

CAFETERIA

For refreshment and enjoyment of the students during their stay on campus, the university has a cafeteria at both campuses. The cafeteria offers a relaxing place to the students to eat, drink and for their social interaction. Senior faculty members monitor the activities of cafeteria to provide quality and hygienic food to the students of the university.

PRINTING PRESS

The development of printing press has modified the teaching enterprise. Keeping in view this important fact, the Women University, Multan, has established a state-of-the-art printing press since September, 2015, to fulfill the entire printing needs of the university. The printing press is equipped with advanced machinery and the equipment of excellent quality in the area of printing and publications. A dedicated and experienced staff is working efficiently for completing the tasks of designing prospectus, answer sheets, question papers, newsletter, brochures, registers, budget books, conferences/workshops material, result cards, certificates, ID cards, various types of form and lots of other printing items.

SECURITY DIVISION

Due to the current law and order situation in the country, it is a mandatory requirement for every educational institution to provide an efficient security system for the safety of its students and staff. Within available resources, WUM has a very vigilant security system. There are specified entry/exit gates with proper checking and record maintenance of credentials of entrants and parking of vehicles at safe place. Security cameras are placed at important locations. Search lights and establishment of CCTV control room are also the security measures taken by the university. Walk through gates and metal detectors are also available within the university. Male and female security guards do patrol day and night. The university has also ensured the provision of identification cards to students, staff and visitors for effective security services.

