

SDGs Annual Report

2020-2021
www.gcwuf.edu.pk



GCWUF is embarked upon a new journey by becoming a part of this global movement.

It wants to develop as a Champion of economic advancement through playing out a main job in the execution of the SDGs. While trying to construct inner limit and responsibility for SDGs, GCWUF has begun incorporating and implanting the SDGs inside college procedures and strategies.

GCWUF accepts that drawing in with the SDGs will significantly benefit by assisting it with showing college sway, catch interest for SDG-related instruction, fabricate new associations, access new financing streams, and characterize a college that is mindful and all around the world mindful.

UNO-Sustainable Development Goals

1. Eliminate Poverty
2. Erase Hunger
3. Establish Good Health and Well-Being
4. Provide Quality Education
5. Enforce Gender Equality
6. Improve Clean Water and Sanitation
7. Grow Affordable and Clean Energy
8. Create Decent Work and Economic Growth
9. Increase Industry, Innovation, and Infrastructure
10. Reduce Inequality
11. Mobilize Sustainable Cities and Communities
12. Influence Responsible Consumption and Production
13. Organize Climate Action
14. Develop Life Below Water
15. Advance Life On Land
16. Guarantee Peace, Justice, and Strong Institutions
17. Build Partnerships for the Goals

GCWUF Embarked upon a New Journey of Achieving SDGs

Universities possess a novel situation locally. They serve to make and scatter information as well as are the expected drivers of social, financial and cultural prosperity. Their cultural effect is elevated by achieving a positive change on the planet through tending to the squeezing difficulties experienced at public and global level.

The United Nations' Transforming Our World: The 2030 Agenda for Sustainable Development is one of the most driven and significant worldwide arrangements in late history. The Agenda is epitomized under the 17 SDGs which cover a scope of topics, from destitution decrease and carrying financial success to social consideration, from respectable work to environment activity, from natural manageability to harmony and great administration to all nations and all individuals by 2030. Pakistan turned into the principal country on the planet to embrace the 2030 Agenda as its public plan through a National Assembly Resolution (No. 113) on 19 February 2016. The SDGs likewise have solid significance to Universities and they need to play out an instrumental job in the accomplishment of the SDGs. The fitting techniques took on by colleges for successful executions of SDGs have turned into their exhibition markers. Times Higher Education Impact Rankings assess the Universities through its significant commitment to the accomplishment of these SDGs.



SDG 1-No Poverty

Introduction:

Poverty has arisen as a worldwide test across the world. A huge extent of total populace lives beneath the neediness line. Colleges can stretch out a generous commitment to reduce neediness in the public arena. Keeping this reality into thought, GCWUF is going to exceptional lengths to help the understudies living in financially burdened conditions.

Students Financial Aid Office (SFAO)

To assist economically marginalized students, the university has established a special office Students Financial Aid Office (SFAO) which deals with the applications launched by financially disadvantaged students. SFAO ensures that no student should leave the University without a degree only because of financial constraints.

The university offers various scholarships and financial aids to its students, both on merit and need basis. These full and partial scholarships are provided by the university as well as by other funding agencies. The detail of scholarships provided in 2021 is provided below:

Detail of Scholarships Disbursed During 2020-2021

Sr#	Scholarship Name	No. of Student	Disbursement Amount
1	University Need Based Scholarship	393	8,345,914
2	EHSAAS UNDERGRADUATE SCHOLARSHIP	848	67,509,259
3	InterLoop	134	5,525,240
4	HEC Need Based Scholarship	113	8,799,124
5	PEEF Master Level	18	2,500,000
6	PEEF BS Level	463	16,740,000
7	Bait ul Mall	7	100,200
8	OPF Scholarship	1	36,000
9	Kamal Foundation	10	183,300
10	DIYA Pakistan	1	15400
11	Karwan-e-Ilm	1	19500
12	Ministry of Religious Affairs & Interfaith Harmony	2	34000
13	BISE Lahore	2	44500
Total		1993	109,852,437

EHSAAS Undergraduate Scholarship:

Worth 34.6 Million "EHSAAS Undergraduate Scholarship" cheques have been disbursed among the 449 qualifying BS students in Government College Women University Faisalabad. On this occasion, Vice Chancellor Prof. Dr. Robina Farooq congratulated the cheque recipients and advised them to keep focusing on their education in order to play a pivotal role in the progress of our country.



Interloop Scholarships:

52 students have been selected from GCWUF for the Interloop scholarships during the session 2020-2024. The total amount RS. 1,500,000/- has been disbursed/ refund the fee among the 52 students of GCWUF.





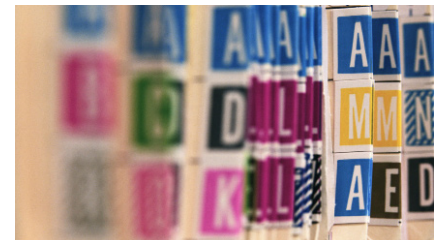
SDG 2-Erase Hunger

Introduction:

The world has been standing up to a scope of difficulties and hitches identified with food creation and safeguarding. Regardless of this load of difficulties, GCWUF is endeavoring to coordinate its exercises towards food usefulness, destruction of yearning and starvation. The foundation endeavors to zero in on research related with good food and its wholesome angles on human wellbeing.

It is likewise occupied with creating viable methodologies to sanitation and security. Also, sufficient accentuation is centered around the conservation of harvest which gets harmful under outrageous climatic states of Pakistan. Additionally, the college organizes instructional meetings for understudies to develop natural vegetables in by presenting shifted kitchen planting methods. The natural vegetables help to fabricate solid invulnerability and decrease

the impacts of pesticides and insect sprays.



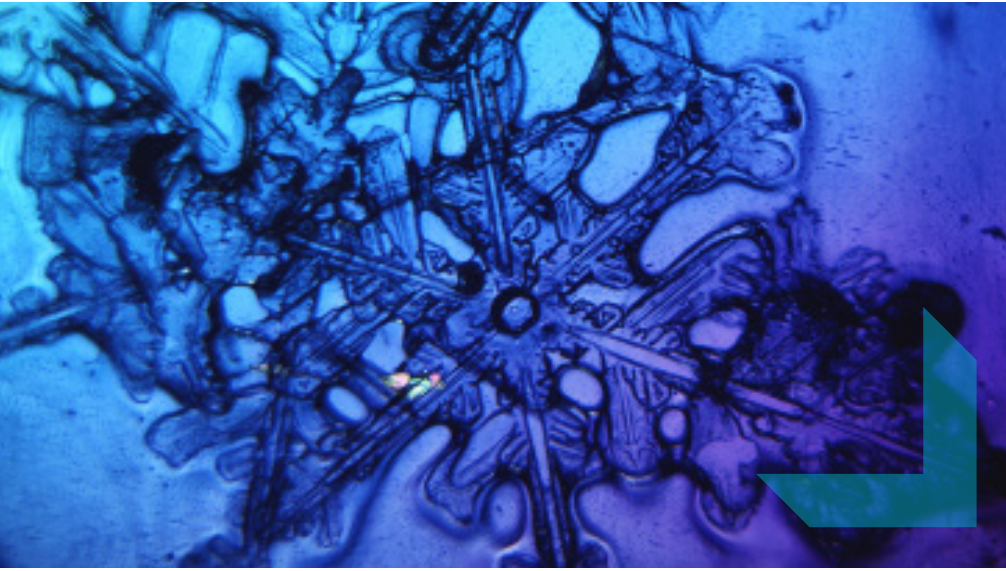
Research Projects:

1. Development of Aflatoxins Reduces Strategies for Zea mays (DARSZ) Project Digest: Corn (Zea mays) third globally and fourth principally grown crop in Pakistan got poisonous due to development of carcinogenic toxins (aflatoxins, Afs) in field, pre-harvest, post-harvest, transportation and during storage under climatic conditions of Pakistan. Afs contamination has limited export potential of the crop as well as quality and safety level for local consumption. This research proposal aims to detoxify corn from Afs and infecting fungal species using Ultraviolet (UV) radiation of a specific wavelength promising wholesomeness

of corn for food, feed and non-food commercial use. A prototype UV radiation source cell will be designed to irradiation Afs contaminated corn after lab scale optimization of the process followed by screening of corn samples. The approach proposed for decontamination of FAFs is highly economically cheap according to the development of setup and operating cost, so it will be pretty attention-grabbing for industrialists, who are reluctant to invest towards solution of the dilemma of Afs, providing the society food and feed rich in Afs beyond the permissible limits set by the Food safety organizations like WHO, IAEA and FDA

or forced to use the gold of corn Zea mays, Aflatoxins, Aspergillus, UV irradiation, AFB1. The basic point of convergence will be the DFT calculation of these compounds in the gas phase and in different solvent molecules. With the help of B3LYP/DFT method the FT-IR and UV-Vis spectra will be figured out. Detailed understanding of vibrational spectra will be accomplished by using the normal coordinate analysis followed by the scale quantum mechanical force field methodology.





3. Mitigation Strategies to reduce Acrylamide in Potato Chips

Project Digest: Neurological problems are becoming very common in human beings. There are certain reasons behind the neurological issues like smoking, environmental pollution, heavy metals, and tax in foods. Acrylamide is one of these tax ions that are produced in foods. Acrylamide is produced at high temperature in carbohydrate rich foods such as potatoes. It is observed from the studies that higher contents of acrylamide are found in fried potato products than bakery items. So the proposed research is based on the reduction of acrylamide in chips by using different mitigation strategies during processing of product. The plan will include lowering of frying temperature like additions of some organic acids etc. The application of these treatments will reduce acrylamide that will indirectly control the neurotoxicity in humans neurologically. Acrylamide Toxins mitigation strategies.

Academic Activities/ Seminars:

e- Rozgaar Center for women of local community:

GCWUF has taken an initiative to enhance employment prospects for women of local community. In the premises of the main Campus, an "e-Rozgaar Centre" has been established, which provides online and physical training to all those female participants desirous to increase their income through promoting electronic skills. This project was initially started in June 2017 with the collaboration of Youth Affairs and Sports department (YASA), Punjab Information Technology Board (PITB). The main objective was to provide training opportunities to youth to become self-employed using internet based free lancing. From June 2017 till 30th June 2020, ten (10) batches of students are trained in e-Rozgaar Center, Faisalabad. Out of total 1,255 females who were enrolled, 863 students successfully graduated.

4. Bio treatment of Nuts to maintain nutritional quality against mycotoxins during Storage

Project Digest: In tropical environment of Asian countries, as per gill us is the common fungi which may enter food crops like nuts, cereals and pulses in field and continues to grow throughout storage and thus produce mycotoxins. Among these mycotoxins, aflatoxins are most prevalent toxin species which are produced mostly by as per gill us flavus and as per gill us parasticus. There are twenty different types of alfatoxins but B1 has most hazardous potential on human and animal's health. The consumption of aflatoxins contaminated food associated to central nervous system, cardiovascular system, kidney, liver, gastrointestinal system and immune system of consumer. Use of synthetic fungicides like propionic acid, ammomia, etc, is associated to develop resist strains, residual toxicity and carcinogenicity, expensive on unavailability at the appropriate time to the farmers. Plant based products have been recognized for biological activity against different microorganism. Essential oils have been reported to have cytotoxic potential.

خواہتین کی شمولیت 54% سے زائد

ماہر ٹرینرز سے 3 ماہ کی مفت ٹریننگ

ترہیت کے دوران اور بعد میں پُرکشش ماہانہ آمدنی کمانے کا موقع

پنجاب بھر میں 32 سے زائد تربیتی مراکز

اب تک 24,000 سے زائد طلباء و طالبات تربیت حاصل کر کے آن لائن سپیکر مارے ہیں

ہمارے تربیت یافتہ طلباء و طالبات اب تک 35 کروڑ روپے سے زائد کاروبار کما چکے ہیں

دو سالہ تربیتی کارڈ

تعلیم پر کم از کم 16 سال عمر کی حد > 35 سال معاشی حیثیت > سہ روزگار

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EROZGAAR

Business idea competition:

With a vision to promote entrepreneurship among youth, a Business Incubation Centre is actively working at GCWUF. This Centre arranges Business idea competitions regularly to promote and facilitate the students for business initiatives.

Students from multiple departments participated and explored their ideas in front of the Evaluators Panel. The members of Panel appreciated the participants and directed the development of start-ups by providing them advisory and administrative support services.



Ehsaas Program:

A Seminar on awareness about Ehsaas Program was organized by Department of Sociology. Ehsaas is the biggest and boldest programme ever launched in Pakistan to uplift marginalized people. Dr. Sajida Parveen, Lecturer Department of Sociology, was the speaker. Students were told about the details of different programs being run and launched by Government of Pakistan under umbrella of Ehsaas program. Students were told about how they can get registered and take benefit from these programs. They were also briefed about DigiSkills Training Program which

is Pakistan's first Online Training Program to empower the youth with skills that are in-demand in freelance market. It consists of multiple online skill-based training courses. The very unique feature of this program is that the course content has been designed specifically for a Pakistani audience in a mix of Urdu-English language. Dr. Samina, Coordinator of Arts and Social Sciences, also addressed the students and encouraged them to get registered for different Ehsaas Programs. She also talked about the significance of these programs in our community.



Two days International Conference entitled "Dynamic Strategies in Plant Sciences for Crop Sustainability and Food Security" has been organized on May 26-27, 2021 by Government College Women University Faisalabad, Pakistan.

The aim of the conference is to provide an International Honorable Forum for the academicians, researchers, managers, industrial participants and students to share their research findings with global experts.

In the inaugural session, distinguished national and international speakers and guests, Prof. Dr. Ahmet Ruhi Mermut, Prof. Dr. Munazza Gull, Dr. Odile Berge and Prof. Dr. Muhammad Ashraf appreciated the organizing team for arranging such a nice conference and put forward their thanks for providing a platform to share new ideas, research and methods adopted in agriculture and plant sciences. They hoped for more such events in future and maximum participation from various sectors.

Worthy Guest of Honor, Prof. Dr. Anwar-ul-Hassan Gilani Vice Chancellor, University of Haripur KPK, joined the inaugural session and appreciated the dynamic leadership of Professor Dr. Robina Farooq, Vice Chancellor, GCWUF in uplifting and managing the university with such grace, he

also admired the whole Botany Department for organizing this gracious event with many national and international speakers. He highlighted the problem of food security as global challenge, by stating that in 2030 a huge gap is expected between food demand and supply. There is inequality in food distribution which is the major cause of various diseases like stunting growth is the result of food shortage, similarly cardiovascular diseases are caused by excessive food consumption. He added that sustainability relies on economy, management and production. He emphasized that "Help our farmers in growing food with more commercial value" and ended the talk by wishing a great success for the event.

Professor Dr. Robina Farooq, Vice Chancellor, GCWUF (Patron In-Chief of the event) joined the conference and in her address, she welcomed all the national and international speakers and participants. She started her talk with the words that we are facing many agricultural challenges in current times and one of them is how to feed 9

billion people by the end of 2050. She also added that better practices come with a cost like loss of biodiversity, reduce porosity of soil (creating water shed), enormous weed growth due to fertilizer application, application of herbicides containing chelators reduces the soil fertility. She suggested that there is dire need of some natural systems by which we can protect our environment by cleaning our natural resources like air, water and soil as well as by take care of wildlife.

The first plenary lecture was delivered by Dr. Zabta Khan Shinwari, Professor Emeritus, Quaid-e-Azam University, Islamabad, Pakistan on "Ethics: Ensuring Food Security in the era of Climate Change".

The second plenary lecture was delivered Prof. Dr. Ahmet Ruhi Mermut, University of Saskatchewan Dept. Soil Science, Saskatoon, Canada, Harran University, Şanlıurfa, Faculty of Agriculture, Dept. Soil Science, 63200 Turkey on "Soils, the Media for Sustaining Life on our Planet"

TECHNICAL SESSION-I: "Plant Physiology and Seed Science Technology"

Dr. Irfana Lalarukh, Assistant Professor, Department of Botany GCWUF introduced chair and co-chair of the first session of the day. The session was chaired by Dr. Muhammad Yasin Ashraf, Professor, Institute of Molecular Biology and Biotechnology (IMBB), The University of Lahore, Pakistan and co-chaired by Dr. Muhammad Shahbaz, Assistant Professor, Department of Botany, University of Agriculture, Faisalabad, Pakistan.

Participants of Session-I were Dr. Saqib Mahmood, Department of Botany, Government College University, Faisalabad, Pakistan, Azka Gillani, Department of Botany, GC Women University, Faisalabad, Pakistan, Dr. Naila Siraj, Department of Food Science and Technology, GC Women University, Faisalabad, Pakistan, Dr. Ambreen Khadija Alvi, Department of Botany, GC Women University, Faisalabad, Pakistan, Hafsa Javaid, Department of Botany, University of Agriculture, Faisalabad, Pakistan, Dr. Abida Parveen, Department of Botany, Government College University, Faisalabad, Pakistan and Aiman Jabeen, Department of Botany, University of Agriculture, Faisalabad, Pakistan.

TECHNICAL SESSION-II: "Plant Physiology/Plant Pathology"

Dr. Riffat Nasim Fatima, Assistant Professor, Department of Botany GCWUF introduced chair and co-chair of the second session. The session was chaired by Prof. Dr. Abdul Wahid, Department of Botany, University of Agriculture, Faisalabad, Pakistan and co-chaired by Dr. Muhammad Arfan, Assistant Professor, Department of Botany, University of Agriculture, Faisalabad, Pakistan.

First Key Note lecture was delivered by Prof. Dr. Stephen C. Fry from The Edinburgh Cell Wall

Group, Institute of Molecular Plant Sciences, The University of Edinburgh, United Kingdom, on "Detecting plant cell-wall reactions in vivo: fruit softening as an example". Prof. Dr. Peter Kettlewell, from Drought Mitigation Group Coordinator, Agriculture and Environment Department, Harper Adams University UK delivered second Key Note lecture on "Drought mitigation products"

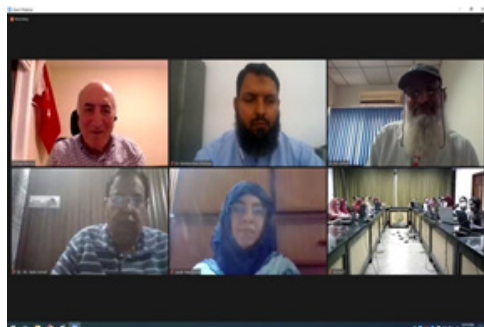
Participants of Session-II were Faiz Ahmad Joyia, Center of Biochemistry and Biotechnology, University of Agriculture Faisalabad, Pakistan, Sadam Munawar,, Center of Biochemistry and Biotechnology, University of Agriculture Faisalabad, Pakistan, Muhammad Azeem, Department of Botany, Government College University, Faisalabad, Pakistan, Dr. Umair Ashraf, Department of Botany, University of Education, Faisalabad, Pakistan, Muhammad Tahir Ali, Department of Botany, University of Agriculture, Faisalabad, Pakistan, Misbah Amir, Institute of Pure and Applied Biology, Bahauddin Zakariya University, Multan, Pakistan and Saiqa Parveen, Department of Botany (Burewala Campus), University of Agriculture, Faisalabad, Pakistan.

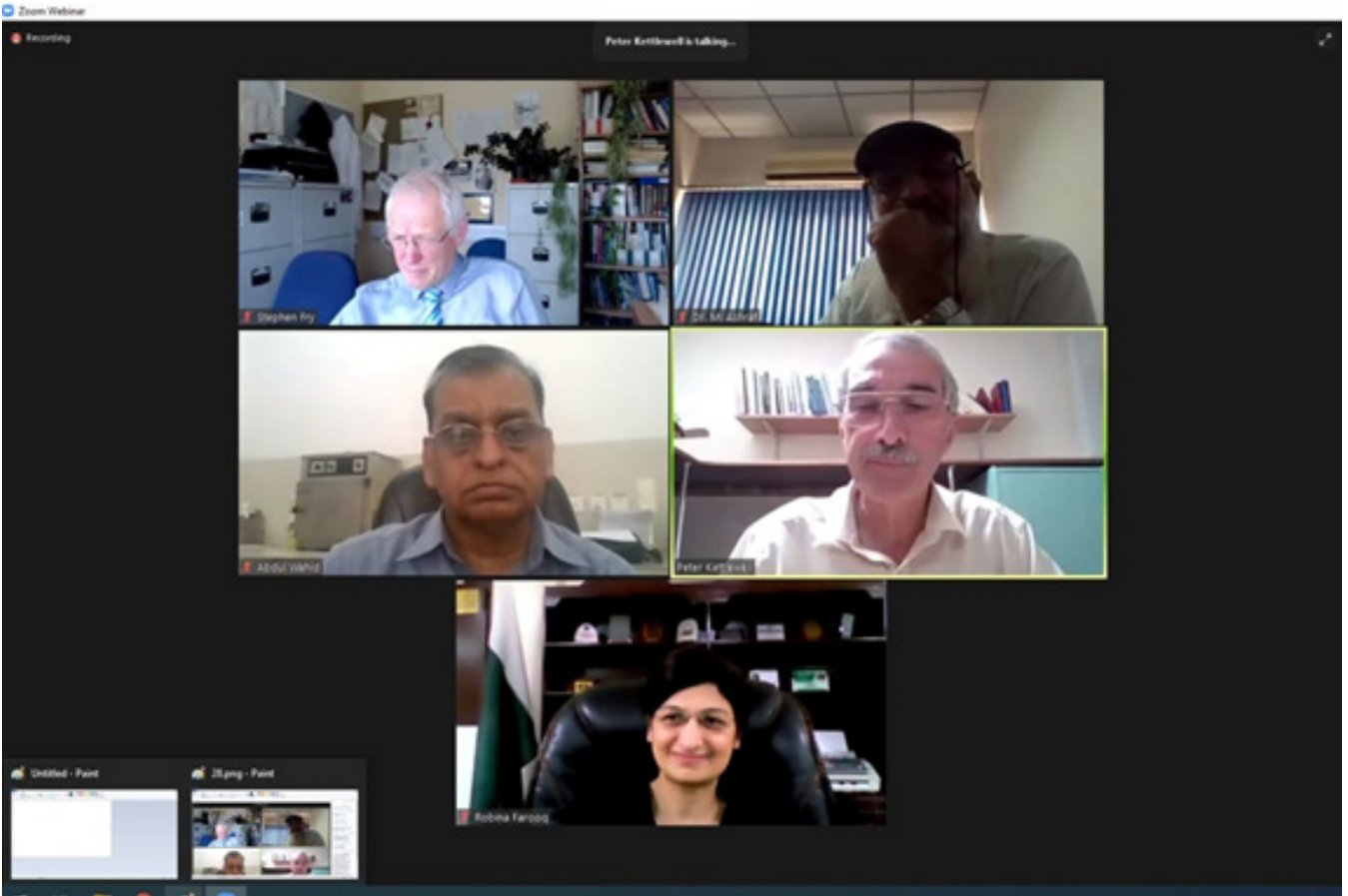
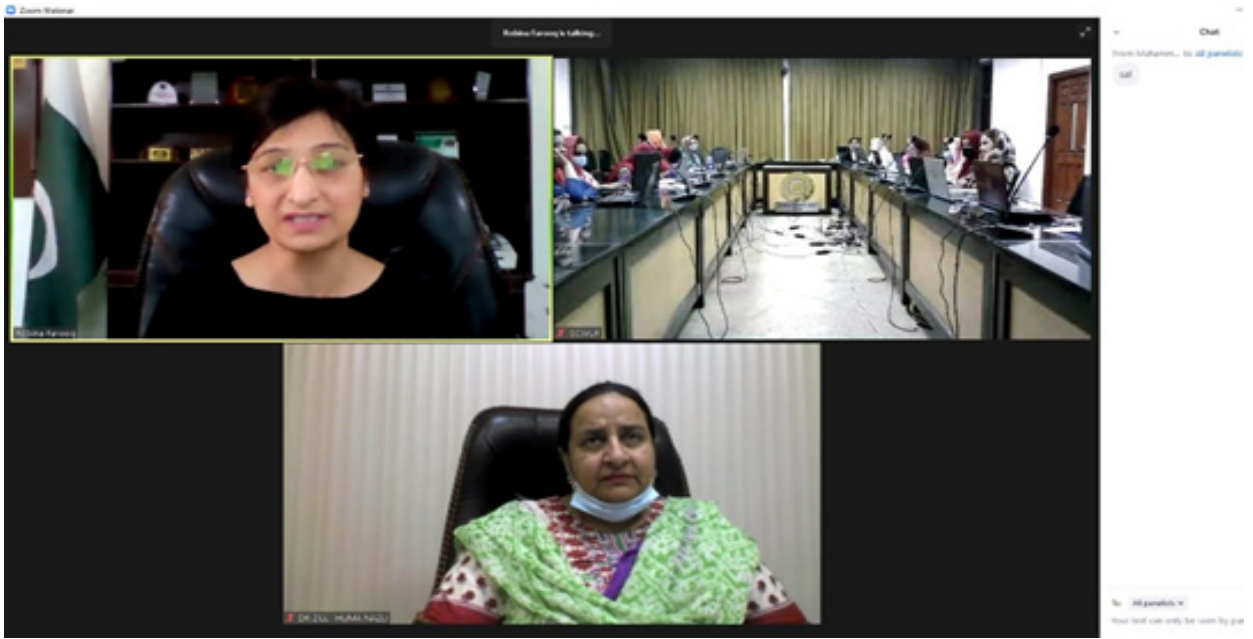
TECHNICAL SESSION-III: "Plant Pathology/Plant Physiology"

Dr. Shameem Raja, Assistant Professor, Department of Botany GCWUF introduced chair and co-chair of the last session of the day. It was chaired by Prof. Dr. Muhammad Ashraf, DCS, Head, Soil and Environmental Sciences Division (SESD), NIAB, Faisalabad, Pakistan and co-chaired by Dr. Nudrat Aisha Akram, Associate Professor, Department of Botany, Government College University, Faisalabad, Pakistan.

Participants of Session-III were Muhammad Ishfaq Khan, The Edinburgh Cell Wall Group, Institute of Molecular Plant Sciences, The University of

Edinburgh, Marie Rapin, The Edinburgh Cell Wall Group, Institute of Molecular Plant Sciences, The University of Edinburgh, Dr. Hammad Majeed, Department of Chemistry, University of Management and Technology, Sialkot, Pakistan, Afifa Younas, Department of Botany, Lahore College for Women University, Jail Road, Lahore, Pakistan, Samra Gulzar, Department of Botany, University of Agriculture, Faisalabad, Pakistan, Habiba Tasleem, Department of Botany, GC Women University, Faisalabad, Pakistan, Dr. Saima Tehseen, Department of Food Science and Technology, GC Women University, Faisalabad, Pakistan, Asma Mariam, Department of Botany, GC Women University, Faisalabad, Pakistan, Syed Asad Raza Shah Naqvi, Department of Botany, University of Agriculture, Faisalabad, Pakistan, Sadia Shahid, Department of Botany, GC Women University, Faisalabad, Pakistan, Saima Muzammil, Department of Microbiology, Government College University, Faisalabad, Pakistan, Ayesha Mehboob, Department of Botany, Mirpur University of Science & Technology (MUST), Mirpur, Azad Jammu and Kashmir, Pakistan, Masood Ahmad, Department of Botany, University of Agriculture, Faisalabad, Pakistan, Ammara Akhtar, Department of Botany, University of Agriculture, Faisalabad, Pakistan, Qurrat-UI-Ain Baig, Department of Botany, Islamia University of Bahawalpur, Bahawalnagar Campus, Pakistan, Safina Rani, Department of Botany, University of Agriculture, Faisalabad, Pakistan and Fozia Farhat, Department of Botany, Government College Women University, Faisalabad, Pakistan.





International Webinar & Workshop on "Aquaponic Farming"

A three-day International Webinar and Workshop on "Aquaponic Farming" has been organized under Higher Education Commission Technology Development Fund Project (TDF02-178) from 23-25th February, 2021. This event was the first research oriented joint venture of the Department of Botany and Zoology, GCWUF. More than 400 participants and speakers from Pakistan, Turkey, UK, Bangladesh, UAE, Morocco and Egypt attended the webinar session held on 23rd February and showed keen interest in development of Aquaponic Technology. Notable speakers included Prof. Dr. Naureen Aziz Qureshi (former VC, GCWUF), Prof. Dr. M. A. Salam (Deptt of Aquaculture, Univ. of Bangladesh, Bangladesh), Mr. Salman Farooq (Senior Director Enterprise Marketing, Telco, UAE), Dr. Turker BODUR (Deptt of Aquaculture, Akdeniz Univ. Antalya, Turkey), Dr. Sajid Iqbal Sandhu (CEO, The Green Circle, and Director, Clean and Green Pakistan, Agri-Tourism Development Corporation of Pakistan). Other guests who attended the event included Mr. Tariq Tanveer (CEO and Founder, Agri-Tourism Development Corporation of Pakistan), Dr. Khalid Mahmood Shouq (Director, Media and Information, Agri-Tourism Development Corporation of Pakistan), and Dr. Yasin Randhawa (Director, Research and Development, Agri-Tourism Development Corporation of Pakistan). Webinar started with an overview of the activity by Dr Ambreen Khadija Alvi, Chief Organizer (Principal Investigator TDF02-178). She acknowledged the contribution of

HEC in bridging the gap between academia and industry. She advocated the potential of Aquaponics in Agri farming and Agri entrepreneurship specially for developing countries like Pakistan. She highlighted the economic as well as ecological benefits of Aquaponic farming. Participants were also updated about successful running of Aquaponic set up established in GCWUF under HEC funded TDF02-178 project worth Rs 6.4 million.

Professor Dr. Robina Farooq, worthy Vice Chancellor, GCWUF (Patron In-Chief of the event) emphasized the need to adopt a healthy lifestyle. She encouraged the use of organic food and commended the Aquaponics Research Team on organizing an international level event on this innovative technology.

The formal session started with a lecture by Prof. Dr. Naureen Aziz Qureshi (Ex-Vice Chancellor, GCWUF), who elaborated the situation of food security and opportunities of Aquaculture in solving these issues. This was followed by Prof. Dr. M. A. Salam's talk on the components of a sustainable Aquaponic system. Mr. Salman Farooq discussed the entrepreneurship potential of Aquaponics. Dr. Turker BODUR provided technical information regarding the working of a balanced Aquaponic system. The last speaker Dr. Sajid Iqbal Sandhu enlightened the participants about how Agri-Tourism plays an effective role in promoting Aquaponics in Pakistan. Dr. Zill I Huma Nazli, Coordinator, Faculty of Science and Technology (Patron of the event) appreciated the efforts of the organizing team and concluded the session with a note of thanks.

Activities of 2nd and 3rd Day (24th & 25th February, 2021) included Hand-on Training of running an aquaponic system. Technical session was physically attended by more than 200 participants divided in small groups observing SOPs of covid-19. The resource persons Dr Ambreen Khadija Alvi (PI TDF02-178) and Dr Safina Kousar (Co-PI TDF02-178) gave demonstrations to the participants on various aspects of Aquaponics. The participants were taught how to prepare seedlings and media beds, measurement of water quality parameters, fish management in the system and demonstration of a working Aquaponic system. Overwhelming responses from participants encouraged the organizing team to arrange similar activities in future as well.



World Food Day Observed:

World Food Day is a day of action dedicated to tackling with global hunger. Department of Food Science and Technology arranged a walk to create awareness about the significance of nutritious food. The walk was followed by a Product Development Competition. Functional, innovative and nutritive products were prepared by students and evaluated by respected judges. Certificates of achievement were awarded to position holders as well as to participants.



Global Women Entrepreneurship Week:

On the occasion of “Global Women Entrepreneurship Week,” National Idea Bank (NIB) has organized an exclusive online event on October 29, 2021. In this event, our high-profile female guest speakers helped women entrepreneurs to understand how they can participate in this competition & scale up their startup at the International level.

GLOBAL WOMEN ENTREPRENEURSHIP WEEK 2021 – PAKISTAN
CELEBRATING ON...
29TH OCTOBER | 8:00 PM PST
IT'S TIME TO BRING YOUR BIG IDEA TO LIFE
REGISTER NOW! bit.ly/women-nib  nibpk.org



SDG 3-Good Health and Well-Being

Introduction:

Upkeep of good wellbeing and prosperity of individuals has become crucial for practical turn of events. To guarantee solid lives and advancing prosperity of local area, a few exercises are started by GCWUF. The Blood Donation Club at college, in joint effort of Blood Donation associations orchestrates Blood Camps, mindfulness strolls and workshops. Our Mental Health Counseling Center gives discussion to various mental and social issues looked by understudies and local area. During the current Pandemic, our division of Applied

Psychology has intended to coordinate the last Term understudies' Clinical Experiments with their counsel administrations for the psychological restoration of CORONA impacted patients at clinics and Quarantine focuses in Faisalabad. There are strolls, intermittent meetings and workshops on Breast Cancer Awareness, Drugs and Narcotics to sharpen our understudy local area against wellbeing dangers. GCWUF is completely cognizant with regards to great wellbeing and prosperity of its Employees at work place. With the coordinated effort of Lions Club, free Screening Camps

are coordinated for the early discovery of sicknesses and infirmities in GCWUF people group. Neatness and ranch drive started by our Clean and Green society has acquired a charming improvement our grounds climate. To guarantee appropriate cleanliness and nutritious food at Campus, a Food Court is opened to cater the staff and understudies at ostensible rates.

Projects:

1. Development of Green Electro spun Nano Composites for Wound Dressing
Project Digest: Worldwide six million people suffer from chronic wounds. Due to less hygienic environment in rural areas wound is common disorder of human skin. The wounds that remain unhealed result in inflammation and pain. These effects can lead to multiple infections and death. Wound healing depends on various factors like infection potential of pathogens, human resistance and effective early treatment. The present project will focus on the utilization of locally used medicinal plants electro spun with Nano composites to make a wound dressing. The project proposes an entirely new approach to improve the efficiency of medicinal plants. Different parameters will be employed during electro spinning process to make Nano composites. Electro spinning, green solvents, would healing, medical plants.

2. In Vitro Macro And Micro Propagation Of Allantoin (From Shrub) For Commercialization To Cosmetic Industry
Project Digest: Emergence of resistance to available therapeutic agents has become an

essential problem to treat patient suffering with contagious ailments, so the development and discovery of new drugs is become the most important subject of medicinal chemists. This led to an increase in demand of naturally occurring plant derived biological active constituents/ compounds. Phytochemical constituents and secondary metabolites are naturally produced in small amounts as defense tools of the organisms in response of environmental stress. To produce these defending organs (secondary metabolites) on large scale for use in medicines, food, cosmetic, pharmaceutical industry, different technologies have been adopted. The most useful and most commonly adopted technology is the plant cell biotechnology among all searched technologies to meet the increasing demand of secondary metabolites. This technology has advantage of commercial cultivation, represents alternative source of secondary metabolites and moreover help save the genetic diversity of medicinal plants¹. It is naturally occurring in roots of Comfery (Symphytum officinale) plant of family Boraginaceae which cure the wound healing,

speeds up cell regeneration and has a skin-softening effect due to keratolytic property. According to Merck Index list allantoin has therapeutic applications as a wound healer (topical vulnerary) and used for treatment of skin ulcers. Allantoin is also recommended for treating and preventing diaper rash and additionally helps to seal out wetness. It has also been utilized as softener in shampoos, foam baths, baby powders, lipsticks, various dental preparations and pharmaceuticals. In Our said proposal we will enhance the allantoin production in plants during sowing by immobilization, cell culturing, extracting the allantoin and then commercialized it to industry. Isolation and Purification of the allantoin would be done by using silica gel column chromatography (CC) and purity would be monitored by thin layer chromatography (TLC).

**Academic Activities/ Seminars:
Mental Health Day:**

The department of Applied Psychology has observed World Mental Health Day today to make students, teachers and general public aware of how mental health is important for all. Our worthy Vice Chancellor, Prof. Dr. Robina Farooq has been invited as the

Chief Guest of the event. Under the supervision of teachers, future psychologists (students) assessed both positive and negative aspects of personality, psychological problems (i.e, depression, anxiety, stress, anger). Experienced psychologists (teachers) provided counseling services regarding psychosocial, academic and workplace issues. Many learnt how to do deep breathing (mental



The Health Unit GCWUF:

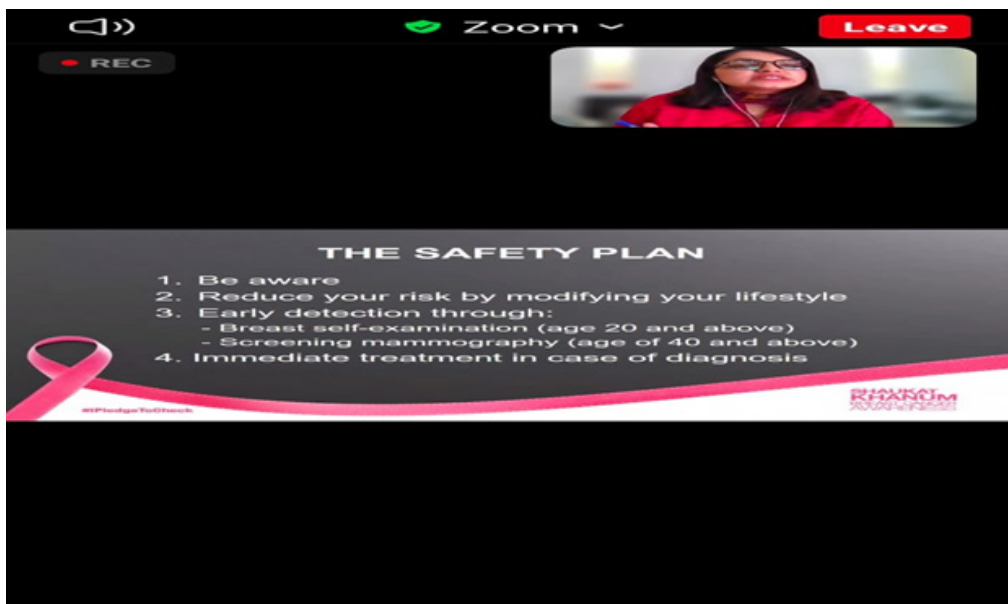
GCWUF organized Health/Vaccination Camp to facilitate students and staff for COVID-19 vaccination. Students got themselves vaccinated at the facilitation desk in the Health Camp. Many students and faculty members visited the camp to seek information regarding vaccination types and facilities at the camp. They appreciated the initiative of the Health Unit.



Health awareness campaign:

An informative webinar on 'Breast Cancer Awareness' was organized on October 07, 2021 in Video Conference Room, GCWUF. The objective of the webinar was to create awareness about breast cancer. Dr Naila Rafiq, In-charge Health Unit GCWUF with the help

of Mr. Shafiq-ul-Rasool from Shoukat Khanum Hospital coordinated this event. Dr. Mahreen Khalid focused on early detection of cancer because it is the key to save precious lives. At the end of session, there was an open discussion and the specialists answered the queries raised by the participants.



SoPs for the Re-opening of the University:

University is open, but all of us have to share the responsibility to ensure strict implementation of Corona SOPs. Let's adopt all safety measures against Covid-19 to keep our institute functional for on-campus academic activities.



7th Annual Sports Festival 2020:

GCWUF organizes the sports festival on annual basis with the motive of “Healthy body leads to healthy mind”. This year the sports day was preceded by a whole week of a range of interesting and thrilling interdepartmental competitions, dis-

tinctively held for students and faculty members of all disciplines of GCWUF. The events included various competitions such as cricket, football, volleyball, Race (4X100M) badminton, table tennis, three legged race, high jump, long jump, tug of war and sack race, etc



Establishment of Food Court:

GCWUF is focused to create the best conditions for good health and well-being of its employees. Establishment of Food Court is a step towards the fulfillment of this commitment. Food Court is catering to the needs of the faculty of GCWUF by providing variety of quality food during lunch hours. Nutritious meals are provided to the minor staff on nominal and affordable prices.

URL Link of Food Court: <https://www.facebook.com/gcwufedupk/videos/1023839928003322>

Seminar on “Drug Abuse Prevention in Educational Institutes”

In order to sustain the status of GC Women University as a drug-free university for all, a seminar entitled, “Drug Abuse Prevention in Educational Institutes”, was conducted on November 17, 2020, at 11 am in Jinnah Auditorium.

Force Commander, Brigadier Muhammad Rashid Minhas from Anti-Narcotic Force, Lahore and Dr. Zarqa Suharwadi from an organization, CHARM [Changing Heart and Mind] organization were guest speakers of the day. Dr. Zarqa elaborated the psychosocial toxicity. Force Commander gave valuable suggestions to students and staff members to stay away from drugs. Force Commander also answered to the queries raised by the students and faculty members.



DENGUE-PREVENTION SOCIETY:

The Dengue-Prevention Society working under Health Care Centre, GCWUF is responsible for the cleanliness of suspected areas and spraying of insecticides for prevention of Dengue in the Campus. The University Health-Services are constantly evolving in order to provide best and up-to-date treatment as well as awareness to the students of GCWUF. The anti-dengue spray has been regularly conducted in all the offices, classrooms and other green areas of University.



Disease Prevention and Monitoring Cell (DPMC), GC Women University Faisalabad

Disease Prevention and Monitoring Cell (DPMC), GC Women University Faisalabad

Government College Women University has implemented a comprehensive mechanism for safe re-opening of university under Disease Prevention and Monitoring Cell designed by HEC and Government of Punjab for safe re-opening of Universities. Following measures have been taken under this cell:

1. Disinfectant sprays:

The disinfectant sprays are made to disinfect offices, washrooms, class rooms, chairs, tables, grounds and the whole university on a weekly basis by Estate department. Disinfection has also been done at departmental level on daily basis.



2. Provision of Face Masks:

The students /faculty without wearing masks cannot enter into university. The masks are being provided at each department for faculty and students

3. Provision of Hand sanitizer by the GCWUF:

To ensure safe health conditions, the hand sanitizers are provided by the GCWUF to each department for disinfecting hands after regular intervals.



4. Health measure committee:

Health measure committee has set up a help desk at dispensary with adequate information about this prevalent malaise. Screening has been started for students, teaching and non-teaching faculty.

5. Monitoring committee:

Monitoring committee holds frequent visits

of different departments, academic blocks, play area, library, canteen and food court of University to ensure the implementation of the standard operating parameters of Covid-19.

6. Cleanliness Committee:

Cleanliness Committee ensures the cleanliness of whole Campus to ascertain a clean environment for students free of any contamination caused by germs and bacteria. Students



SDG 4-Quality Education

Introduction:

GCWUF is aimed to promote evenhanded and all inclusive educational opportunities to develop an ideal academic environment for students. A comprehensive plan is devised to accomplish both curricular and co-curricular activities at GCWUF in a befitting manner. University has adequately updated its learning

Management System. A functional, effective and operational LMS is in place to provide information, track progress and coordinate activities of online teaching. Technical resources are increased to initiate innovative strategies of learning and teaching. Multimedia is installed in all class rooms. New state-of-the art laboratories are furnished, equipped

with the most sophisticated apparatus to facilitate research students of higher degree programs.

Projects:

Construction of New Labs:

Research Laboratories are the basic requirement of any high-quality educational institution. The standard and ranking of any institution of higher studies is determined by the quality of research being conducted along with the quality of its graduates produced. The idea of establishing the Centralized

Resource Laboratory is to provide facilities to Teaching and Research Community where modern, sophisticated and state-of-the-art equipment is placed.

Faculty and staff of GCWUF are actively engaged in challenging research projects that enable them to make significant advances in sciences to benefit industry and the society. The central objective

is to drive major interdisciplinary programs in all fields of research. University is endeavoring to introduce the international concept of academics and research i.e. STEM into STEAM. STEM represents Science, Technology, Engineering and Mathematics. "STEAM" represents STEM plus the Arts.

Details of Newly Constructed Laboratories

Eight laboratories are recently developed in the university.

Sr. No.	Department	Laboratory Name	Location of Laboratory
1	HITECH	Central Hi-Tech Laboratory	Fatima Block
2	Biochemistry	Biochemistry Research Lab	Fatima Block
3	Chemistry	Water Research Lab	Lab-1 (Back side of BS block)
4	Chemistry	Micro and Nano-health Research Lab	Lab-2 (Back side of BS block)
5	Food Science and Technology	Food Analytical Lab	Fatima Block
6	Home Economics	Functional Foods & Nutra-ceuticals Lab	BS Block
7	Zoology	Microbial Biotechnology and Aqua Toxicology	Lab-3 (Back side of BS block)
8	Research Project	Clean Lab	Lab-4(Back side of BS block)

Goals Achieved:

Department of Campus Lab Development, GCWUF established eight new laboratories, including Central Hi-Tech Laboratory by equipping them with advanced scientific equipment. More than ten laboratories were renovated during this duration. Moreover, other highlighted activities include:

1. Preparation of Laboratory Standard Operating Procedures (SOP)
2. Evaluation of Scheme of Studies (SOS) for practical Courses (BS/MS/MSc./Mphil/PhD)
3. Analysis Requisition Form for

Central Hi-Tech Laboratory

4. Designed COSHH Form for proper working in the laboratories

5. Established team of focal persons for laboratories of each department of Science & Technology

6. Established team of Central focal persons against each equipment present in the laboratories of respective departments of Science & Technology. Central focal persons are responsible for the proper functioning of lab equipment as well as the maintenance of SOP for that equipment.

7. Designed Auction Form to dispose of the items which are not working properly in the laboratories.

8. Designed Repairing of Equipment Form for repairing the equipment which are not working properly in the laboratories.

9. Established team of Central focal persons for the technical evaluation of scientific equipment purchased against different tenders, from departments of Science & Technology.



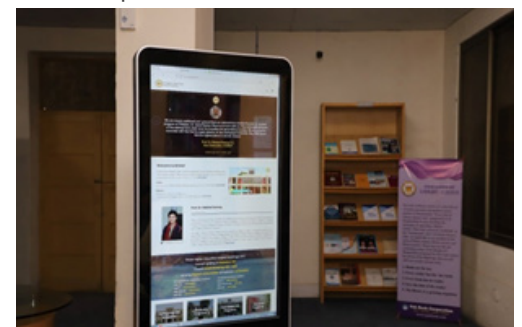
Library Automation Project:

We are pleased to share that library GCWUF has completed its automation project. Now the library is able to provide its automated services through KOHA library management software. Library at GCWUF is distinctive in being the 1st automated library with KOHA in Faisalabad among all other Govt Universities. Librarian, Ms. Misbah Bashir cheerfully informed the guests of inaugural ceremony of automation held on 14 October, 2021 in the main library of GC Women University Faisalabad. Worthy Vice Chancellor GC Women University

Faisalabad Prof. Dr. Robina Farooq graced the ceremony as Chief Guest. Registrar GCWUF, Director Academics, Treasurer GCWUF, Director IT Services, Patron in Chief LLA Faisalabad, and librarians of various universities and colleges of the city and members of library committee were present. Ms. Misbah Bashir informed the audience about automation of serial management, reference, and cataloging, Check In/ Check Out library materials with barcode system.

Vice Chancellor GC Women University Faisalabad Prof. Dr. Robina Farooq

remarked that adoption of technology is the need of the modern era. She expressed pleasure on upgradation of the library at GCWUF as per requirements of emerging trends in the field of technology. She hoped that in future library staff will work hard and achieve sustainable goals for the development of the institute.



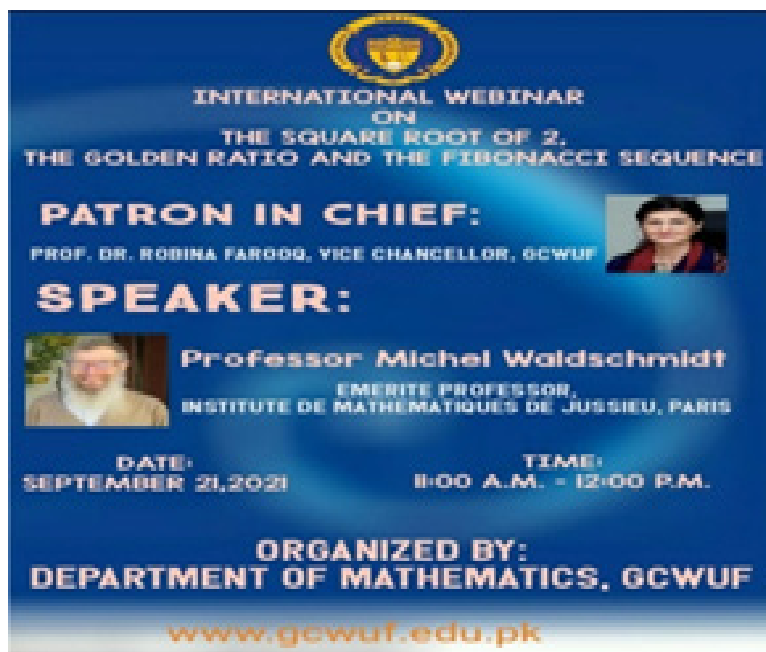
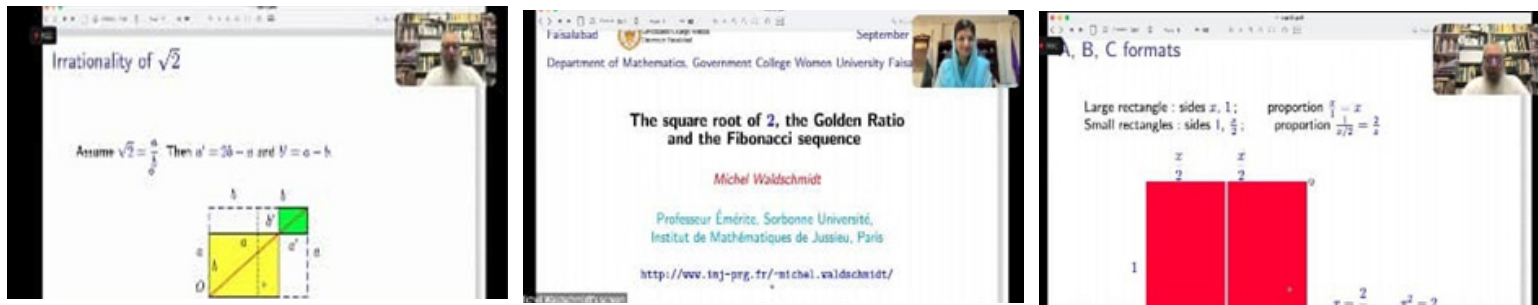
One-day webinar to develop collaboration with International Mathematician:

GCWUF has arranged an International Webinar on September 21, 2021. It was a one-day webinar to develop collaboration with International Mathematician so that they could share their knowledge, experience, and achievements in this technical field.

Dr. Asia Rauf, Head of Department of Mathematics, GCWUF welcomed the guests and introduced the event. Prof. Dr. Robina Farooq, Vice Chancellor GCWUF, made welcome speech for speaker and researchers in the Webinar.

Dr. Asia Rauf, convener of the ceremony introduced keynote speaker, Mr. Michel Waldschmidt, Professor, Institute de Mathematiques de Jussieu, Paris University Pierre et Marie Curie, France, who delivered his lecture on topic of "THE SQUARE ROOT OF 2, THE GOLDEN RATIO AND THE FIBONACCI SEQUENCE".

All the participants appreciated the energetic efforts of Dr. Asia Rauf in conducting the webinar under kind patronage of worthy Vice Chancellor Prof. Dr. Robina Farooq.



KOHA Library:

Faculty Development Training initiated with the module "How to Manage Departmental Library Catalogue Using the List of Module KOHA Library Management System" by Ms. Misbah Bashir, Librarian GCWUF. The resource person gave a brief introduction of library and explained the process of library membership and trained the participants regarding the utilization of HEC digital library and "OPAC" Online Public Access Catalog Search Engine from the university website library. The main theme of the module was to train the library focal persons by hand on training. The next module was conducted by Dr.

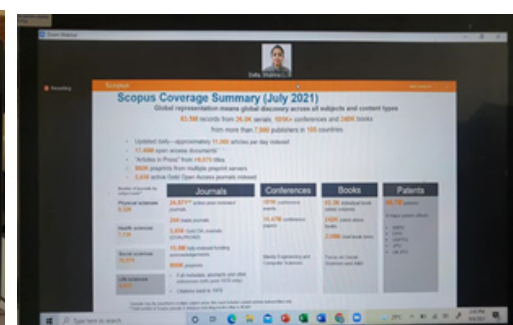
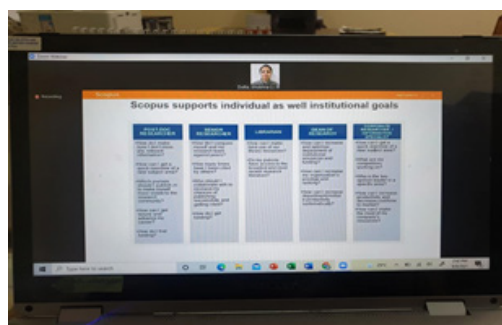
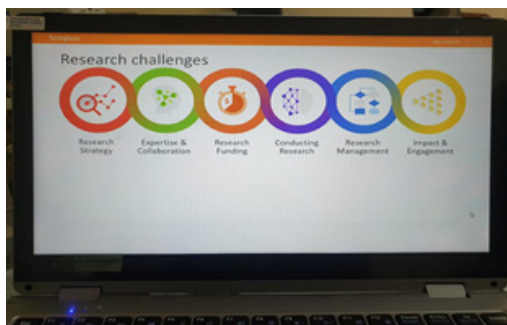
Sana Aslam, Incharge ORIC, GCWUF. Her module was Successful Project Execution and Completion and how to run Project successfully. She efficiently guided the participants about Smart Project Management System. She concluded her session with detailed explanation of stages of Project Management. Both the sessions were very fruitful for the audience.





TRAINING SESSION ON INTEGRATING SCOPUS IN RESEARCH WORKFLOW-GCWUF:

Government College Women University Faisalabad organized an online training session entitled “Integrating Scopus in Research workflow-GCWUF” on Thursday September 09, 2021. The Host of this session was Elsevier US West. The trainer was Dr. Shubhra Dutta (Customer Consultant South Asia A&G Elsevier). Dr. Shubhra Dutta highlighted importance and scope of research in different fields of education, industry, and many other fields of human life. She educated the participants about how to create their account in Scopus database. She described Power of Scopus, Pre-requisites, and Process of Journal Indexation. She also discussed with the participants about different Journal Impact Measures and Benefits of Scopus Indexing. She talked about Predatory Publishing and Scopus Content Curation as well. Faculty members and PhD students attended the session. In the Question-Answer Session faculty made queries regarding Impact factor and data about published journals in different languages indexed in Scopus.



Faculty Development Training Programs:

Faculty Development Training programs have been initiated by the GCWUF to provides skills to all the faculty members. The first session module was the Quality Assurance in Higher Education by Dr. Asma Khalid Director QEC, GCWUF. She efficiently defined that the Quality in academics means satisfaction to all stakeholders and explained the purpose of QEC. She further discussed about the universities’ categories, rankings, quality assessment mechanism and answered the questions raised by participants. Mr. Tariq Shahzad, IT Manager GCWUF, started 2nd session module “Semester System and Result Evaluation. He gave brief introduction of semester system and guided the participants

about test and examination, marks and quality, grade point average and scheme of studies. The day concluded on a productive note.





THREE DAYS “HANDS ON TRAINING ON PRIMARY DATA ANALYSIS (NVIVO AND STATA)”:

Three days “Hands on Training on Primary Data Analysis (Nvivo and Stata)” has been organised by the Department of Economics GCWUF from 12-07-2021 to 14-07-2021. The resource person, Dr. Faraz Riaz, Assistant Professor, Department of Economics GCUF explained various methods of gathering and handling of primary data. An interview based data sheet on the spot was generated, and using Nvivo various methods of analysis were applied. All participants were provided with Nvivo software beforehand and they performed all these methods on their own systems. On 13th of July, the characteristics of various data types were discussed and the resource person explained how they are handled using STATA. Regression analysis was discussed in detail as how a model is constructed and analyzed, how variables are made, and how they are managed in STATA.

On 14th of July, the theoretical session about OLS, Probit, Logit and Multinomial Logistic Regression was conducted in detail and later all of the methods were practiced on a dataset by all the participants. The speakers and participants appreciated the management and organizers. They were also thankful to Prof. Dr. Robina Farooq, Vice Chancellor, GCWUF, for providing a platform for discussion on the topic. This training will be helpful for researchers, especially in qualitative nature both for the faculty and students. The participants appreciated the efforts of Incharge Department of Economics, Ms. Momina, for managing the hands on training well.



Social outreach programs on strong footings:

Government College Women University holds a vision to develop its social outreach programs on strong footings. University intends to expand knowledge beyond boundaries of the university. In this connection, Media Cell GCWUF arranged a seminar entitled "Use of Social Media for Educational Purposes" for the faculty of the university. Ms. Amara Javed, Incharge Media Cell introduced the key speaker Mr. Rehan Allahwala and the guests of honour Mr. Shahzad Basra and Mr. Sajid Iqbal Sandhu to the audience. The purpose of the event was to highlight the role of social media platforms such as YouTube and Facebook in digitizing the education system and to consider ways to improve day-to-day teaching activities through them. The key speaker of the seminar, Mr. Rehan Allahwala, is a Karachi-based successful entrepreneur in the field of Information Technology and founding leader of Insaan Party. He is a motivational speaker who encourages the people of Pakistan to start earning their livelihood through social media. He is recently on a campaign to convince teachers of Pakistan to establish their YouTube channels to upload their recorded lectures. He said that Pakistan is a poor country just because access to education is not easy for all economically compromised classes.



We, as a society, need to work for the welfare of our uneducated underprivileged classes. Everyone now days affords a mobile phone and internet connection but meeting the expenses of educational institutes is comparatively difficult for them. Our teachers can revolutionize the education sector to address the needs of this less privileged class of people. Digitization of knowledge is not only a social service, but it also provides alternate sources of income as well. Dr Shahzad Basra, Chairman Agronomy Department, University of Agriculture, Faisalabad shared his personal experience of running his YouTube channel. Mr. Sajid Iqbal Sandhu, CEO Green Circle Pakistan also shared his experience of how social media supports him in conveying guidelines to his target audience within seconds. Both supporting speakers declared Allahwala's message practical to digitize our education system with little effort to bring large scale change in society. The registrar GCWUF, Dr. Zill-i-Huma Nazli appreciated the efforts of Rehan Allahwala and thanked him for motivating the faculty of the university to work for common good of the society. At the end, Ms. Amara Javed, Incharge Media Cell thanked the guests for their arrival.

Automation of GCWUF Library:

By the grace of Al-Mighty ALLAH, the GCWUF library has completed its automation project. Now the library is providing services through KOHA library management software. In this regard a session entitled "Briefing on Automation of GCWUF Library" was held on 31 August 2021 in Committee Room of GCWUF. Session chaired by Worthy Vice Chancellor Prof. Dr. Robina Farooq. Librarian Mrs. Misbah Bashir briefed on the newly automatized system. Library automation is the general term for information and communications technologies (ICT) that are used to replace manual systems in the library. She explained in detail why GCWUF library needed library automation:

- To obtain increased operational efficiencies
- To improve the quality, speed, and effectiveness of services
- To providing users-oriented services
- To improve access to resources on other networks and systems, including the Web
- To provide new services not hitherto possible



- To improve the management of their physical and financial resources,
- To facilitate wider access to information for their clients,
- To facilitate wider dissemination of their information products and services,
- To enable their participation in resource-sharing library networks and enable rapid communication with other libraries.

The following functions have been automated: acquisition, serial management, reference, and cataloging, Check In/ Check Out library materials with barcode system.

Registrar, Treasurer, Resident Auditor, Director Quality Enhancement Cell, Incharge Media Cell, Manager IT, Director

P&IC, all coordinators, and Members of library committee were present in that session.

At the end of the session Vice Chancellor Prof. Dr. Robina Farooq appreciated efforts of library staff. She admired data management and connections of library with the international libraries.



Research Productivity Award 2020-2021:

Government College Women University, Faisalabad, endeavors to make research a top priority for a sustainable economic growth. In this regard, the third Research Productivity Award Ceremony (2020-2021) was organized by GCWUF on Monday, June 21, 2021. The ceremony was held at Jinnah Auditorium at 12:30 pm. Director ORIC, Dr. Sana Aslam, welcomed the worthy guests. Professor Dr. Suleman Tahir, Vice Chancellor of Khawaja Farid University of Engineering and Information Technology, Rahim Yar Khan, chaired the ceremony as Chief Guest. Prof Dr. Noreen Aziz Qureshi, Ex-Vice Chancellor of Government College Women University Faisalabad, chaired the ceremony as guest of honour. Vice Chancellor, GCWUF, Prof. Dr. Robina Farooq highlighted the ongoing research projects in GCWUF, which include 3 TDF projects, 2 Pak-USAID, 2 PARB projects, and 11 NRPU Projects, along with 65 SRGP projects. She commended the faculty for their efforts in uplifting university in the field of research and encouraged the development of entrepreneurial and innovative research culture in GCWUF. The Research Productivity



Award (RPA) was awarded to 50 researchers on their innovative research for publications in the year 2020. The recipients included faculty members from the Departments of Chemistry (11), Biochemistry (2), Business Administration (2), Arabic (2), Applied Psychology (4), Botany (6), Physics (1), Food Science and Technology (2), Urdu (2), Zoology (2), Commerce (2), Health & Physical Education (2), Islamic Studies (2), Sociology (1), Public Administration (1), Education (1), English (5) and Mathematics (2). While addressing the audience the chief guest stressed the need to promote research culture in educational institutions. He emphasized the dire need to make our education system student-centered so that objective based education may produce active, functional, and productive individuals in society. Honorable guest in his speech lauded the achievements of the University especially

the efforts of the Vice Chancellor and the faculty of GCWUF. At the end of the event certificates along with cheques of cash prizes were presented to the faculty members of GCWUF. Director Advanced Studies Dr. Zill-i-Huma Nazli thanked the honorable guests for honoring the ceremony.

2nd International Science Conference 2021 entitled "Recent Advances in Photonics and Physical Sciences":

Government College Women University, Faisalabad (GCWUF) has recently organized 2nd International Science Conference 2021 entitled "Recent Advances in Photonics and Physical Sciences" on 29-30th March 2021. Many renowned speakers from well-known international universities enlightened the attendees of the conference about recent trends in research and technical fields of knowledge.

The proceedings of the 2nd day of the conference started on March 30, 2021 with the welcome note by the International Chair Dr. Muhammad Yasin Akhtar Raja, UNC, Charlotte, followed by the kind remarks of Dr. Zill-e-Huma Nazli, Chairperson Department of Chemistry GCWUF. Dr. Fazal Khalid, Chairman Higher Education Commission, was especially welcomed to the conference.

Session-I: Food, Natural Product & Biotechnology

The first session was chaired by Dr Khalid Mehmood Zia, Director ORIC GCUF and it was co-chaired by Mr. Muhammad Ashfaq Paracha, CEO Delta Pharma Pvt Ltd Pakistan. The first plenary lecture was delivered by Prof. Dr. Shou-Jun Xiao. Nanjing University, China. Dr. Farhat Jubeen, Assistant Professor at Department of Chemistry GCWUF, introduced 1st keynote speaker Prof. Dr.

Faiz-ul-Hassan Naseem, Director ORIC, Government College Women University Bahawalpur, who delivered her talk on "Developing Scientific Culture in Our Higher Educational Institutions: Making Things Happen Using Native Resources". Invited Lecture was delivered by Mr. Muhammad Anam Khubaib, Mr. Rashid Masood, Dominique Adolphe, Ahsan Nazir and Muhammad Hassan Rafe, Laboratoire de Physique et Mécanique Textiles (LPMT), Université de Haute-Alsace France. Biomaterials based anti-traumatic and antibacterial gauze dressing pads for partial thickness wounds.

Session-II: Recent Advances in Electrochemistry Nuclear Science and Radiology

The second session was chaired by Dr Muhammad Hassan Sayyad, Advanced Photovoltaic Research Labs (APRL) Faculty of Engineering Sciences, Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Topi, District Swabi, Khyber and it was co-chaired by Dr. Mudassar Iqbal Associate Professor, Department of Chemistry, School of Natural Sciences (SNS), National University of Sciences & Technology

(NUST).The keynote lecture was delivered by Dr. Nadeem Asghar, Department of Integrative Physiology and Pharmacology, Institute of Biomedicine, University of Turku, Finland.

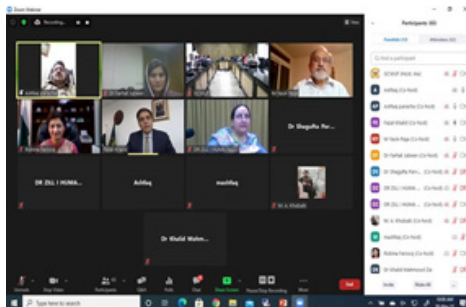
Session III: Physicochemical Sciences in Pharmaceutical Endeavor

The third session was chaired by Dr. Jamil Anwar, University of Punjab, Lahore and it was co-chaired by Prof. Dr Ijaz Ahmed Bhattii, Chairperson Department of Chemistry, University of Agriculture, Faisalabad. The keynote lecture was delivered by Dr Yasir Asghar, Department of Cellular Physiology, University of Helsinki, Finland on the topic "Stromal interaction molecule 1 (STIM1) and ORAI1 calcium channel as novel therapeutic targets for human thyroid cancer". Invited Lecture was delivered by Dr. Sadia Zafar, Department of Oncology, University of Helsinki, Finland.

Session IV: Trends in Advanced Functional Materials

The fourth session was chaired by Prof. Dr. Saleem Farooq, Director COMSATS, Vehari Campus and it was co-chaired by Dr. Adnan Ali, Associate Professor, Department of Physics, GCUF. The keynote lecture was delivered by Dr. Khurram Joya, CEO, Institute of New Horizons (INH) & Executive Director of AR Education Roskilde, Zealand, Denmark. Invited Lecture was delivered by Prof. Dr. Yasir Jameel Department of Physics, University of Agriculture, Faisalabad and Prof Dr. Shagufta Khalq, TAMGA E IMTIAZ, University of Health Sciences, Lahore.

The conference ended with closing remarks by Prof. Dr. Robina Farooq, Vice Chancellor, Govt. College Women University Faisalabad, Pakistan. The vote of thanks was delivered by Prof Dr Yasin Raja, UN Charlotte, International Chair and the National Chair Dr. Zill-i-Huma Nazli, Chairperson Department of Chemistry, GCWUF. The participants expressed their gratitude to Vice Chancellor Prof. Dr. Robina Farooq for her visionary patronage of the conference and extraordinary management skills of Dr. Zill-i-Huma Nazli, the convener of the conference in selecting dynamic contemporary issues for discussion and arranging all sessions in a highly organized and systematic manner.



One Day International Webinar on “Demystifying Data Science”

The Department of Information Technology, Government College Women University Faisalabad organized Online One Day International Webinar on “Demystifying Data Science” on Thursday, 14th January 2021. The Online session formally started with recitation of Holy Quran. The welcome address was delivered by Suneeza Hamid, Incharge, Department of Information Technology, who also gave an overview of the international webinar. She acknowledged the support of Worthy Vice Chancellor in organizing this event.

She also told that their team is very much devoted to spreading awareness about Data Science.

All faculty members, students of Information Technology Department and Computer Science Department participated in this online session.

The technical session started with the lecture of guest speaker Dr. Muhammad Shahid, from Sweden.

Dr. Muhammad Shahid delivered a detail thoughtful and knowledgeable lecture on fundamentals, Data Terms, Data Science Life Cycle and Pathway to Data Science of “Demystifying Data Science”

In the end of the International Webinar, Dr. Muhammad Shahid gives some suggestion to faculty members and students regarding Data Science reference material.

The One Day International Webinar on “Demystifying Data Science” concluded with the vote of thanks from Mrs. Ghazala Suhail, Coordinator, Science and Technology.

“ONE DAY INTERNATIONAL WEBINAR”
on
“DEMYSTIFYING DATA SCIENCE”

Guest Speaker
Dr. Muhammad Shahid
PhD in Applied Signal Processing With Emphasis on Video Quality Assessment, Blekinge Institute of Technology (BTH), Karlskrona, Sweden

Guest of Honour
Prof. Dr. Rubina Farooq
Vice Chancellor
GCWUF

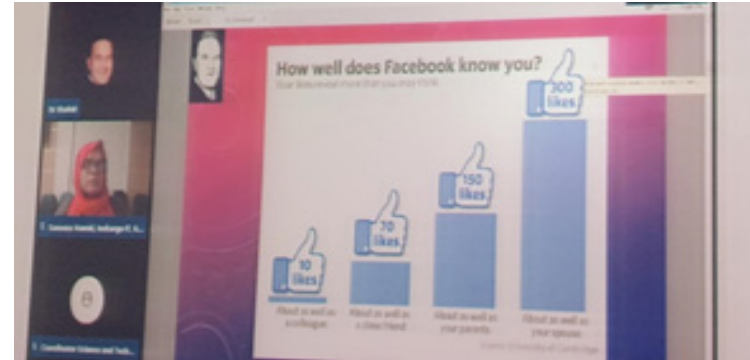
Convener
Mrs. Ghazala Suhail
Coordinator Science & Technology
GCWUF

Organizer
Suneeza Hamid
Incharge Department of IT
GCWUF

THURSDAY, 14th JANUARY 2021 **TIME : 2:30 PM TO 4:00 PM**

Department of Information Technology, Government College Women University Faisalabad

- Fundamentals, Data Terms
- Data Science Lifecycle
- Pathway to Data Science
- Q & A





SDG-5 Gender Equality

Introduction:

GCWUF is completely aware of the way that sexual orientation equity is a focal part to improvement of a country. The arrangement of an ideal scholarly climate for ladies is basically needed to upgrade monetary flourishing. GCWUF has worked with female understudies by giving them nearby convenience, transport, sports

and wellbeing offices. College guarantees its ladies representatives the equivalent compensation, equivalent freedom, just as independence from segregation and provocation at work place.

Projects:

DAY CARE CENTER GCWUF

In 2014 after the up gradation of Govt. College Madina Town to Govt. College Women University, college Child Care Center comprising of just 01 room was also upgraded to a proper Day Care Center. Mission behind the initiation of this center was to help cultivate university female workforce with higher job satisfaction by taking care of their child during their job. Child care within the campus would help the faculty to work with complete concentration when they have the surety that their child is being looked after in a secure and quality environment with love and affection. Day Care facility at campus also gives faculty the relief of saving them from costly low-quality child-care service and missing work to provide child care. Moreover, it will be within easy reach and child can be frequently checked. Day Care Center was furnished with basic requirements in 2015 and further upgraded in 2017 with Women Development Fund Punjab. Air condition was installed in two rooms. Day care was fully carpeted and 01 new LED was installed. Fan heaters were also purchased for winters.

Old refrigerator which was out of order was replaced with new one. Formal fee structure was introduced and record maintenance established. New staff was hired to meet the rapid increase of admission. In 2018 on the immense demand of faculty VC granted the extension of Day Care Center by constructing 02 new rooms for "After School Day Care Center". Construction was initiated but due to some constrains it was halted. In 2019 on the arrival of Dr. Robina Farooq as Vice Chancellor the construction was restarted and completed. After school DCC was also inaugurated on November 15, 2019. On the directions of the government DCC was closed on 16/03/2020 due to Covid-19. During Covid-19 lockdown DCC was regularly cleaned and disinfected thoroughly. DCC is kept in full running/ standby condition at all times. To counteract the load shedding UPS with heavy battery is on standby at all times. In case of prolonged electricity breakdown where there is a chance of UPS failure GCWUF has equipped DCC with 10 KVA generator which will

provide complete backup to all air conditions and refrigerators in case of electricity breakage. Gas geyser used for warm water in winters has been replaced with electric geyser due to gas load shedding in winters. To counter act the stove issue electric induction cooker is on standby. Entire DCC is monitored through CC TV cameras around the clock. This has been installed to monitor the staff and verify any unpleasant incident that might occur in DCC. Staff hiring of DCC has been advertised and under process Children of both male and female employees' at GCWUF are provided DCC facility regardless of scale or gender. All the above facilities have brought a great relief to mothers at GCWF making it one of the best university Day Care Centers in Faisalabad. GCWUF has put utmost effort to facilitate its faculty in regard to their child's care and has been able to meet the satisfaction of mothers.



Academic Activities/ Seminars:

Multiple programs, workshops and trainings are arranged at university to increase opportunities of gender equality and future employability of women.

International Women's Day at GCWUF:

Government College Women University Faisalabad celebrated International Women's Day on 8th March, 2021. Directorate of Student Affairs in collaboration with the Intermediate Section organized a walk in front of admin block Government College Women University Faisalabad. The theme of the walk was "Women in Leadership, achieving an equal future in Covid-19 world". Prof. Dr. Robina Farooq, Vice Chancellor GCWUF and Guest of Honor Mrs. Firdous Ray member of the provincial assembly led the procession. Dr. Zill-i-Huma Nazli, Director Advance Studies, Mrs. Rizwana Tanveer Randhawa, Controller Examination, Director Student Affairs, Ms. Asma Aziz, all coordinators, incharges/ chairpersons, faculty members and students actively participated in the walk.

Worthy Vice Chancellor Prof. Dr. Robina Farooq emphasized the honour of women in every walk of life. She saluted the courage and success of all brave ladies who have contributed in the betterment and progress of our country. She also highlighted the issues and problems that women are still facing in their respective lives. Mrs. Firdous Ray, MPA praised the role of female leaders and front-line health workers in response to the challenging environment of COVID-19 pandemic. Director Advance Studies Dr. Zill-i-Huma Nazli and Incharge, also got their views recorded in the context of the theme of the walk.



Impact of Covid-19 Pandemic on Women Entrepreneurs:

GCWUF organized a one-day event regarding "Impact of Covid-19 Pandemic on Women Entrepreneurs" on 5th March 2021 in the video conference room of GC women University, Faisalabad. The chief guest was Dr. Nausheen Syed, Treasurer GC Women University, Faisalabad and Ms. Qamar Shahzadi, Incharge, Public Administration Department attended the Webinar as Guest of Honour. The event focused on challenges faced by women entrepreneurs during Covid-19 pandemic. Mrs. Kauser from English department highlighted the contribution of female icons of Pakistan in the development of the country. Miss Saira and Miss Saima from the Business Administration department and many others shared their life experiences. The audience appreciated the theme and key points discussed by the speakers as very informative and crucial in the scenario of current economic conditions of the country.



International Day of the Girl Child:

Directorate of Student Affairs in collaboration with Department of Education GCWUF observed International Day of the Girl Child today. The participants of awareness walk disseminated the idea that women empowerment and gender equality are crucial to accelerating sustainable development of any community. Ending all forms of discrimination against women and girls is not only a basic human right, but it also has a multiplier effect across all other development areas. Students raised slogans and displayed cards claiming equal opportunities of education, professions and all other facilities of life for girls in society. The activity promotes the vision of the Worthy Vice Chancellor Prof. Dr. Robina Farooq to provide multiple opportunities of growth and self-expression to our students turning them into active and contributory citizens in the long run.



Annual Fashion Display:

Government College Women University Faisalabad conducted two weeks of Fashion Designing Display to educate the women at their campus. The Students of BS FASHION DESIGN displayed their projects which were inspired by the cocktail and Calicos of Fishtail Mermaid gowns on which Cascade and Ruffles were made. The purpose of this two weeks display was to train the female students on how they can transform their ideas into a dress in practical life. Sketches were developed and color schemes were duly approved before these were finally finalized. It was a mini display to encourage the students to learn and understand the process of fashion design. Incharge Home Economics Madam Ayesha Hussain visited the display. She encouraged and guided the students regarding their mistakes and appreciated their efforts.





Poster Competition:

Media Cell, GCWUF organized certificate distribution ceremony for the participants of poster competition on “Vision and Mission” of Government College Women University Faisalabad. Worthy Vice Chancellor Prof. Dr. Robina Farooq was the chief guest of the ceremony. Ms. Amara Javed, Incharge Media Cell, welcomed the honourable chief guest and all other guests of the ceremony. She explained the objectives of the competition and introduced the participants to worthy Vice Chancellor. Madam VC viewed every poster closely, one by one, and appreciated the efforts of the students. Later, every participant received certificate of participation by respected Vice Chancellor. The participants had a group photo with Honourable Vice Chancellor, Registrar GCWUF Dr. Zill-i-Huma Nazli, Controller Examination Mrs. Rizwana Tanveer, and Incharge Media Cell Ms. Amara Javed. Faculty members of various departments were also present on the occasion.



Activity on plan therapeutic diets for infants and young children:

GCWUF has arranged the activity of the students of BS (HND), to plan therapeutic diets for infants and young children under the Course Title: Infant & Young Child Feeding. These diets are beneficial for the prevention and management of diarrhea, anemia, and act as immunity booster and are good for brain development. Students prepared the substitutes of commercial products as well in which they prepared homemade cerelac and instant foods. The department is soon launching its Nutrition Counseling Centre in GCWUF.

Stand Together Against Corruption:

A one-day webinar “Stand Together against Corruption” was organized by Character Building Society, Government College Women University Faisalabad to educate the female students at GCWUF. The webinar held on 16th December 2020 at the video conference room. Auj Zehra, the Vice President CBS along with Rabia Khalid, the member of CBS hosted the webinar. The webinar started at 10.00 am. Afterward, the President of CBS, Aleena Rauf, introduced CBS and its members. Later, Dr. Ambreen Ashar, the Focal Person of CBS explained the activities of CBS conducted this year to elevate the characters of the youth. Eventually, Patron-in-Chief CBS and Vice Chancellor GCWUF, Dr. Robina Farooq appreciated CBS for conducting this enlightening webinar and shared her vision in regards to corruption.

Our first speaker Mr. Muhammad Tariq Qureshi elucidated Money Laundering and its consequences. After that Mr. Muhammad Ayub described Cyber Bullying and how to prevent it. Next, Mr. Haider Abbas Wattoo marked out the methods to combat corruption. Then, Mr. Syed Arshad Ali Rizvi classified cyberbullying and cybercrime through identity theft. Furthermore, Dr. Shazia Habeeb reported a few steps about how to fight against drug addiction.



Seminar on Segmental and Supra Segmental Features of Phonology:

The Department of English arranged a one-day seminar on the topic "Segmental and Supra Segmental features of Phonology". Mr. Rao Kashif Jalil, Assistant Professor in the department of English and Head of Department of English at National University of Modern Languages (NUML) was the key speaker of the seminar. The session covered topics such as pitch, intonation, and stress in spoken language to enhance the communication skills of female students at GCWUF. The lecture was informative for students and was appreciated by all.

In her closing remarks, the Associate Head of English Department Mrs. Zeba Imtiaz stressed on the fact that Supra segmental phonological features help the students make connection of stress, intonation and word juncture with language fluency which will further assist them all in their communication.



Seminar on Advancing Inclusiveness among Youth for Eradication of extremism

Government College Women University Faisalabad organized a seminar on "Dukhtraan-e-Pakistan: Advancing Inclusiveness among Youth through Training and Education" in connection with "Pegham-e-Pakistan" move, run nationwide by HEC and IIUI. Islam is a religion of peace and it forbids Muslims to spread mischief and extremist ideas among people. Government of Pakistan took an initiative to cast off the prevailing Islamophobia worldwide and to unveil and promote the real teachings of Islam when up to 1800 Ulema (religious scholars) of Pakistan issued a national fatwa against the terror and extremist ideologies which are exploiting the image of Islam. This 'Phaigham-e-Pakistan' Fatwa declares Pakistan a true Islamic state based on the tenets of Islam and it strongly rejects and condemns all types of extremist ideologies suggesting the government to deal extremism strictly in the light of Islamic teachings. In addition to this, the fatwa also criticizes the promotion of sectarian hatred and promotes the idea of peaceful coexistence of followers of all religions under one government. While recognizing the role and responsibilities of women in development of a culture of peace and tolerance, GCWUF in collaboration with team of Pegham-e-Pakistan organized this momentous seminar.



Societies for personality building of students:

Multiple societies are functionalized at GCWUF to explore the hidden talent of students. These societies are activated to design diverse opportunities for the mental and spiritual development of the potential participants. They further aim to boost the confidence level of students ultimately leading them to self-dependency and brighter prospects of employability.

Detail of Societies and Clubs available at GCWUF are mentioned below:

1. Qiraat & Naat Society	13. Drug Abuse Control Society
2. Debating Society	14. Media Society
3. Literary Society	15. Stage Management Club
4. Dramatic Society	16. Writers Club
5. Art Club	18. Road Safety Club
6. Character Building Society (NAB)	19. Social Activist Club
7. Horticultural Society	20. Food Management Society
8. Business Society	21. Quiz Society
9. Cultural Society	22. Girls Guide Society
10. Blood Doner Society	23. Pak-China Business Forum
11. Scientific Society	24. Bazm-e-Rumi-o-Iqbal
12. Music society	



SDG-6 Clean Water & Sanitization

Introduction:

Water is an uncommon and valuable source. It is crucial to human wellbeing, disinfection, food creation, transportation, energy creation and substantially more. Water contamination and shortage of water is a significant issue in the country. GCWUF is resolved to zero in on this huge issue of public health. Steady efforts are conveyed

to advance the circumstance. New wash rooms are fabricated and water plants are introduced to give better disinfection conditions. Involved Training Workshop on Advanced Water Quality and Conservation Technologies are likewise coordinated to feature this issue.



Projects:

1. Development of inexpensive, user friendly Water Alert Test Kit to detect harmful bacteria

Project Digest: Water borne diseases like hepatitis, cholera, typhoid, giardiasis and dysentery cause millions of deaths every year especially in under-developed and developing countries like Pakistan. Gastrointestinal diseases worldwide are responsible for more than annual 700,000 deaths of children below the age of 5 years in Pakistan. Among these diseases, diarrhea is the major culprit and Pakistan is facing death penalty of 125,000 children / year due to poor hygiene conditions of water and food. Early warnings of contaminated water, improving sanitation, pure water supplies, and health and hygiene measures can reduce the gastrointestinal diseases or resulted miseries and deaths. Current project is proposed to develop and commercialize early warning water testing kit for the analysis of pathogens in drinking water. It will include development of test to product activities, commercialization and awareness campaign to improve drinking water quality at household level. Water analysis kit will be commercialized by involving water industry. Kit will analyze the presence of pathogens in drinking water used by common people without using any equipment or labs. Along with drinking water, there are many sources where pathogens spread and cause skin diseases as well. These sources are swimming pools, running surface water, ground waters, water reservoirs; water used industries or hospitals, etc. The SINOW kit and GCWUF Water Research company will help people of Pakistan by providing

low cost tests.

2. Development of immobilized consortium of multiple dye degrading peroxidases for efficient treatment of textile effluents: From laboratory to industrial scale

Project Digest: Textile industry is considered the backbone of Pakistan's economy. Textile industry is also considered the world worst pollutant producer, as it consumes large quantity of portable water and generates a huge amount of wastewater heavily contaminated with synthetic dyes. Numerous reports revealed the toxicity of dyes in plants (e.g. vegetables grown with dye contaminated water), aquatic animals (like fish, shrimp), terrestrial animals (such as rat) and in humans (cancer risk in textile industry workers). Enzymatic degradation of textile dyes is being a hot topic from past few years. Peroxidase is an oxidoreductase enzyme that catalyzes the oxidation of various substrates such as phenols, aromatic amines and aromatic dyes using hydrogen peroxide as a co substrate. Peroxidases are widely distributed in plants and microorganisms. Several studies explored the catalytic potential of microbial peroxidases such as lignin peroxidases, manganese peroxidase, chlorperoxidase and many plant peroxidases towards degradation of various synthetic dyes. Although all peroxidase share the same mechanism and degrade the dyes into less toxic non aromatic metabolites using hydrogen peroxide, however different peroxidases show some specificity towards different dyes. Report revealed that peroxidases from different sources catalyze different dyes, even different peroxidases catalyze same dye to different extent (percent

decolonization). The fact that the textile industry effluent comprises of a complex mixture of different dyes and a single enzyme cannot degrade them all becomes the basis of proposed research project. Keeping in view the different catalytic ability of related peroxidases towards different dyes, the present project is designed to develop the consortium of peroxidases from microbial and plant sources (lignin peroxidase, manganese peroxidase, chlorperoxidase, horseradish peroxidase and lemon peels peroxidase) for efficient decolonization of maximum number of dyes in textile effluents. The synergistic effect of peroxidases in consortium towards increased percent decolonization of dyes will be investigated using factorial. In order to increase the stability of enzymes in consortium and to make the system reusable and applicable in industries, consortium will be immobilized using different techniques. Consortium will be characterized for mixture of dyes currently being used in "Al Rehmat Textile Traders (PVT) LTD. Manufacturers, Exporters of Textiles products" (spike study) as well as for its effluent. Water quality parameters such as COD, BOD, DO etc. will be mentioned before and after treatment of dye contaminated water (spiked water) and real textile effluent) with immobilized consortium. Multiple dye degrading enzymes, bioremediation, enzyme consortium, textile effluent treatment.

3. Construction of R.O Plant:

GCWUF, in collaboration of Sarwar Foundation, has managed to construct a R.O plant at main campus. Currently, three R.O Plants and one filtration plant are functioning



in Government College Women University,



This R.O Plant not only serves university students but also provides safe drinking water to general public outside the university as a link is provided to outer wall of university and taps are attached there.

4. Inauguration of Water Testing Kit (SINOW) Production Unit:

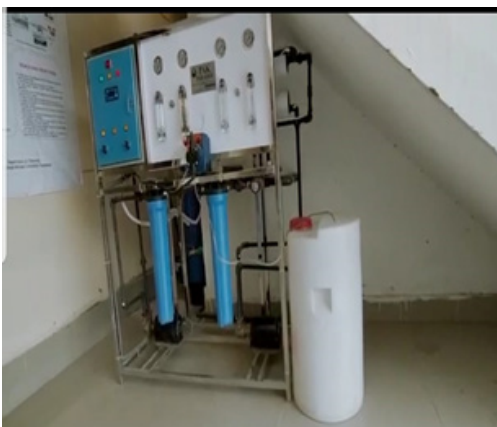
Government College Women University Faisalabad today launched its first ever production unit of Water Testing Kit (SINOW) in Department of Chemistry under project TDF-03-013 funded by HEC, Pakistan. Prof. Dr. Suleman Tahir, Vice Chancellor, Khwaja Farid University of Engineering and Information Technology Rahim Yar Khan inaugurated the unit. Prof. Dr. Noureen Aziz Qureshi, Ex Vice Chancellor GCWUF, Ch. M Akram Ex Registrar UAF, Dr. Zill-i-Huma Nazli Registrar GCWUF, Coordinators and faculty members attended the ceremony. Prof. Dr. Robina Farooq (PI

Faisalabad. They have a capacity to store 3 tons of water collectively. Almost 17000 day scholars and hostel students, 500 faculty members, 300 non-teaching staff and general public outside university are provided with safe drinking water via these plants. Ground water is purified and converted into drinking water through R.O Plants and filtration plants. They work on WASA water. Water tanks are regularly washed by ALUM solution on monthly basis. Water samples are tested chemically and biologically on monthly basis and reports are found up to the mark. TDS level of drinking water is maintained from 210 to 280 and ph. level of 6.8-7.5, which is within the safe limit. R.O plants are repaired according to need.



of the project) and her research team introduced and demonstrated the working and efficiency of the testing kit to the Chief Guest and all other guests of honour. The chief guest appreciated the efforts of HEC for funding such projects as have a very positive social impact. He lauded the genius efforts of Prof. Dr. Robina Farooq for her successful industrial linkage project in the university.

SINOW is trademark name of the microbial testing kit developed by Prof. Dr. Robina Farooq under her TDF project titled "Development of Inexpensive, User-Friendly Water Alert Test Kit to Detect Harmful Bacteria". This kit is user-friendly, and a common person can easily perform microbial test using this kit. Now, GCWUF is going to commercialize the SINOW in collaboration with the Water Care Services Pakistan (WCSP). Installation and development of such useful products at GCWUF is



Membrane of one ton R.O plant was changed recently.



By the time chemical analysis is done by a well reputed company (A Q U A

Engineering) and biological analysis is done by university itself in the laboratory of food science and technology. In future a special lab is going to be established for chemical analysis of water samples from R.O plants. These R.O plants are also inspected and licensed by Punjab Food Authority.



commitment of the Vice Chancellor with the research and uplifting the university to international standard.



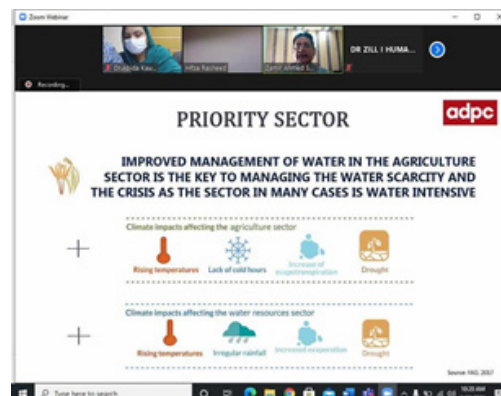
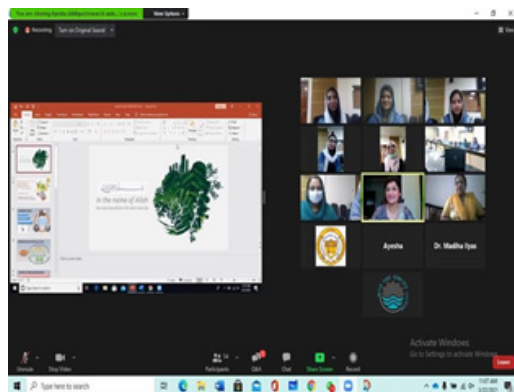
Academic Activities/Seminars:

World Water Day:

Celebrating World Water Day, Department of Chemistry successfully organized a one day webinar on "Valuing Water" on 22nd march, 2021. Vice Chancellor Prof.

Dr. Robina Farooq was the Patron in Chief of the event whereas Dr. Zill-i-Huma Nazli, Chairperson Department of Chemistry, was the

convener of this webinar. All arrangements of the webinar were made by Dr Abida Kausar, Assistant Professor, GCWUF and Dr Farhat Jubeen, Assistant Professor Department of Chemistry, GCWUF. Faculty members, Masters, MPhil and PhD students from Department of Chemistry, English, Economics, Botany, Zoology, Biochemistry, Food Science and various other departments participated in the webinar. TDF Project team, i.e. (PI-TDF03-013) Prof. Dr. Robina Farooq, (Co-PI) Dr Abida Kausar, (Project Manager 1) Sana Ijaz, (Project Manager 2) Hira Qaisar, and (Research Assistant) Ayesha Siddique introduced their product SINOW under TDF-03-013 entitled "Development of Inexpensive, User Friendly Water Alert Test Kit To Detect Harmful Bacteria". Speakers were Engr. Zamir Ahmed Soomro (Water Resources Management Specialist) (ADPC), Dr. Hifza Rasheed (Director, National Water Quality Research Lab, PCRWR, Islamabad), Abdul Aala Khurram (Director, Water Care Services) and Business Partner (TDF03-013). At the end of the Webinar Prof. Dr. Robina Farooq thanked the resource persons and shared future plan for research on valuing water. The webinar ended with the vote of thanks by the convener Dr. Zill-i-Huma Nazli. She paid special gratitude to the IT Services, GCWUF (Manager IT Tariq Shehzad sb., and his team) for provision of technical hand on the day when the whole university was off due to an announced holiday.





SDG 7- Grow Affordable and Clean Energy

Introduction:

Energy is the indispensable supporter of environmental change; it produces around 60% of center gases. GCWUF is endeavoring to work with admittance to clean energy exploration and innovation, including sustainable power, energy proficiency, petroleum product innovation, and empowering business visionaries to advance

interest in energy base and clean energy innovation. GCWUF is keeping up with the harmony between energy utilization and energy arrangement by minimalizing its utilization at grounds level. The foundation is organizing mindfulness crusade among understudies and normal public in regards to strong waste reusing and removal, bio gas plants and sun based energy creation.

Projects:

Installation of Solar Panels in GCWUF:

Government College Women University Faisalabad (GCWUF) has signed a 25 years MOU for the installation of solar plant at its main campus on 3-9-2020. The solar plant will be installed under ESCO model in cooperation with Punjab Energy Efficiency and Conservation Agency (PEECA).

Solar energy has the least negative impact on the environment in comparison to any other energy source. Solar energy is a renewable free source of energy that is sustainable and totally inexhaustible, unlike fossil fuels that are finite. It is also a non-polluting source of energy and it does not emit any greenhouse gases when producing electricity.

At the same time Solar energy systems/ power plants do not produce air pollution or greenhouse gases. Using solar energy can have a positive, indirect effect on the environment when solar energy replaces or reduces the use of other energy sources that have larger effects on the environment. Therefore, this project is a major step towards clean and green Pakistan, an initiative to the materialization of the vision and mission of University.

Installation of solar power plant will be carried out at the roof tops of university, so the energy lost during transportation and distribution will be minimized. Thus, the performance and efficiency of solar panels will be increased. The price of electricity has increased steadily over the past

10 years. By the installation of solar plates with ESCO model the GCWUF can produce its own electricity. The calculated life of each solar plate is 25 years.



Academic Activities/ Seminars:

Launching Ceremony of SBP's Renewable Energy Project at FCCI

Faisalabad Chamber of Commerce and Industry arranged launching ceremony of Renewable Energy-Sector of the Year Initiative-2021. Vice Chancellor GCWUF Prof. Dr. Robina Farooq attended the ceremony as guest of honour. She thanked the president FCCI for inviting her to the ceremony. She stated that being a researcher of renewable energy, she is glad to know about all workings done by the State Bank of Pakistan on this project. She declared the proposed project as the dire need of the time because of alarmic rate of emission of carbon dioxide in the air. Only forty years ago, total rate of carbon dioxide in our air was 300 ppm which has increased to 380 now. If the rate of gas emission remains same, the level of carbon dioxide can reach up to 1000 gegaton in very short time and this is the rate at which human beings as species may extinct in couple of hundred years. Talking about solution to the problem she insisted to reduce the consumption of fossil fuels upto 1/4 quantity of the available fuel sources. This reduction can save our planet and extinction of human life on earth. By quoting example of recent Tesla vehicles which are environment-friendly, she stressed the industry to work on similar projects. She requested the banking and industry sector to promote and facilitate provision of environment friendly products. She further added that conversion of solid waste into energy and compost and multiple value added products can reduce the life risk.

She referred to multiple projects run by GCWUF which can contribute to strengthen renewable energy project in the field of water analysis and kits, textile and fashion designing, software development and web applications, automation of processes, food and nutrition, food science and technology, fisheries and aqua culture, and waste management. She offered the services and expertise of researchers and to Chamber of Commerce and State Bank of Pakistan to strengthen the project to secure the life of human beings on earth.

Mr. Muhammad Ashraf, Managing Director SBP appreciated Prof. Dr. Robina Farooq's passion, offer of services, and her suggestions for renewable energy project.



SDG-8 Decent Work & Economic Growth

Introduction:

GCWUF is resolved to hold good work conditions to accomplish best yield of its representatives prompting monetary development of country. It endeavors to give equivalent possibilities to all workers to accomplish greatness in their pertinent specialized topic. The foundation guarantees social consistency, pay scale value, and

comparability of work hours by giving position wellbeing to representatives and destroying sexual orientation pay hole.

Pay Scale Equity:

University is committed to fight gender disparity. It has a clear approach regarding equal rights of gender with respect to the wages and pay scales. University offers equal opportunities to all employees in teaching and non-teaching departments in terms of wages and pay scales. No gender wage gap persists and no discrimination on the basis of color, creed, religion, socio-economic status or gender is exercised at GCWUF.

Day Care Centre for Female employees:

To facilitate female staff, the university has established well equipped day care center so that mother employees can perform their duties with peace of mind and dedication. Daycare center is facilitated with trained caretakers and nutritionists to provide a wholesome environment to kids. A notable extension is recently added and a portion of daycare is furnished for the after school children.

Rejection of all forms of Modern slavery:

GCWUF is committed to strengthen the modern slavery, child labor and human trafficking of all fundamental principles and compliance to Pakistan Employment banns hazardous labor under age approved age limit criteria pre-recruitments in University Ser- of 18 is eligible to apply for any University has developed an this end, University makes sure ity areas including lab supplies, no risk of modern slavery along sures that Procurement Compa- ti-slavery policies and practices. tion that at time of hiring services construction, cleaning, food cater- employees are empowered with knowl-



global fight against all forms of forced labor, mod- ficking. It strongly believes in the implementa- rights at work place for all workers. In com- of Children Act, 1991, GCWUF totally 14. This commitment is reflected in the scribed for all types of non-teaching vice Statutes. No one below the age non-teaching post at University. awareness of Supply Chain risk. To that the major suppliers in the prior- infrastructure, and electronics have their supply chains. University en- nies made clear statements about an- University also has a clear demonstra- of external Contractors for building, ing and water disposal management, em- edge and protection of their labor rights.

Labor Rights of Workers:

University demonstrates an active en- sures that no employee is deprived of his erty while adhering to the rules and regulations of University. To address any type of exploitation, griev- ance and injustice, Grievance Committee is constituted with explicit Standard Operating Parameters and Terms of Reference. A medical pharmacy is established to facilitate it employees by provision of health protection awareness. Women entrepreneurship, business idea, and Foster training programs are occasionally organized to empower young students to contribute in development of local industry.



SDG-9 Industry, Innovation and Infrastructure

Introduction:

Development seeks to build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation. For the accomplishment of this goal, GCWUF is building its relation with various industries to promote the skills of their students in achieving the milestones regarding the innovation and infrastructure

at national and international level.



Academic Activities/ Seminars:

Seminar on "Cotton First"

Students of GCWUF have participated in "Cotton First" competition organized by Textalks International at Pearl Continental Hotel Lahore on October 14, 2021. This competition was a part of 4th International Annual Conference "Inspiring Change 2021". Objective of the conference and competition was to find sustainable solutions for the Textile Industry. GCWUF students displayed draped dresses made with 100% cotton dyed in pestle tones using natural dyes. Collection was very much appreciated by the visitors who were from all walks of life ranging from textile and fashion professional to laymen visiting for the sake of pleasure.



Webinar on “Industrial Applications of Biotechnology and Biomaterials”



One day International webinar was arranged GCWUF entitled “Industrial Applications of Biotechnology and Biomaterials”. The objective of the webinar was to highlight the importance of Biotechnology in the field of Biomaterials and Biocomposites. It’s a modern world demand to introduce the participants with the Performance of Biocomposites, and their role during Covid-19 pandemic. Moreover, participants would find an opportunity to know the role of biotechnology in value added textiles. The Worthy Vice Chancellor, Prof. Dr. Robina Farooq, in her address, focused on the impact of Biotechnology on industrial development of Pakistan and its need in our future economy. Three eminent researchers delivered talks in the virtual seminar. The keynote speaker Dr. Muhammad Sapuan Salit, Professor at Univer-

sity of Putra Malaysia (UPM), delivered his lecture on “Performance, Design and Selection of Materials of Bio composites and Their Role during Covid-19 Pandemic”. Dr Yasir Nawab (Dean School of Engineering and Technology, NTU Faisalabad) highlighted the “Role of Biotechnology in Value Added Textiles”. Dr Aqif Anwer (Head of IRCBM, COMSATS Islamabad) narrated the biomedical applications of Biomaterials by explaining “Healing - A ‘materialistic Approach’”. Participants listened and interacted with leading International and National scientists and noted various suggestions to broaden their areas of research in the practical field.





SDG-10 Reduce Inequality

Introduction:

GCWUF is committed to an effective implementation of SDG 10, 'Reducing Inequality'. University strongly recommends the provision of equal growing opportunities to all sections of society. The foundation is following a non-discriminative methodology which ignores separation dependent on cast, race, religion, monetary position, and

territorial affiliations and actual debilitations. It pledges to take on approaches and practices that advance correspondence and takes out disparity.



Admission Policy:

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The admission Policy of GCWUF is non-discriminatory and provides the facility of joining all degree programs offered at GCWUF to all female candidates on merit, irrespective of caste, religion, political affiliation, marital status, economic position, disability, race, color and ethnicity. Anyhow as the

University is especially devoted to cater the educational needs of women, therefore admission is offered to only female students.

GOVERNMENT COLLEGE WOMEN UNIVERSITY FAISALABAD ADMISION NOTICE - FALL 2021-22 KNOWLEDGE IS EMPOWERMENT		Admission Open						
Associate Degree Programs Session 2021-23 (Morning & Evening) Education, Computer Science	For ADP/BS (E) ELIGIBILITY CRITERIA & BASIC INFORMATION TO APPLY 1. Females having domicile of Punjab and having at least 45% marks (50% for Computer Science/ Information Technology) marks in intermediate including 20 marks of H.S.A. Award eligible for admission. 2. The candidate with domicile other than the Punjab province has to produce a nomination letter from her respective provincial government against reserved seats if any*. Foreign students and overseas Pakistani students can also apply through the relevant Federal Ministry/Embassy. 3. The maximum age limit for eligibility is 22 years on the closing date of the application. However, the age may be relaxed up to ten years by the competent authority. 4. Admission will be granted strictly on merit i.e. on the marks obtained in FA/13c, J.C./N/Cs or equivalent examinations in 2020 and 2021 for morning programs only. However, candidates of the earlier sessions will be considered by deducting 10 marks for each year for evening programs only. 5. Eligibility Criteria is as per mentioned in the university prospectus. 6. An aptitude test will be conducted for BS Fashion Designing, Fine Arts (BFA) and Graphic Designing. 7. 45% seats for BA/BA, 2% for BANA (S/CP), 1% for Bachelors, 1% for Kashmir, 1% for Gawadar, (Only BS Programs) and there will be no reserved seats where entry test is mandatory to qualify for seeking admission.	ADMISSIONS SCHEDULE Availability of Online Admission Forms: • For MS/MPHIL/PhD, August 16 th , 2021 • For ADP/BS/Ed 1.5 Year, September 06 th , 2021 Last Date of Online Apply for Admissions • For MS/MPHIL/PhD, August 30 th , 2021 • For ADP/BS/Ed 1.5 Year, September 30 th , 2021 *Admission Processing fee for open merit (Rs.2500/- for first application, if a candidate wishes to apply in more than one program she has to submit Rs.3000/- additional amount for each program to be applied beside submitting Rs.2500/- *No application will be entertained if only Rs.3000/- are deposited without depositing Rs.2500/- for first application. *Reserve the open merit Admission Processing Fee on Self Finance as Rs.2100/- for each program. Subject GRE Test Schedule (For MS/MPHIL & Ph.D.) Venue: Jinnah Auditorium, GCWUF Date and Time: 1 st September 2021 at 9.00am Interview (Only Ph.D.): 2 nd September 2021 at 09.00am > No Separate Call Letter will be issued for the test/interview Aptitude Test Schedule (Only for BS Fine Arts (BFA), Graphic Designing and Fashion Designing) Venue: Jinnah Auditorium, GCWUF Date: October 1 st , 2021 Time: 09.00am > No Separate Call Letter will be issued for test.						
BS Programs Session 2021-25 (Morning & Evening) Applied Psychology, Arabic, Botany, Biochemistry, Business Administration, Chemistry, Consumer Computer Science, Economics, Education (B.Ed Home), English, Fashion Designing, Food Science & Technology, Fine Arts, Graphic Designing, Geography, Home Economics, Health & Physical Education, Human Nutrition & Dietetics, Information Technology, Islamic Studies, Mathematics, Physics, Computational Physics, Political Science, Public Administration, Sociology, Statistics, Urdu, Zoology	For Self Finance (ADP/BS (E)) BASIC INFORMATION TO APPLY 1. 20 seats for morning and 20 seats for evening have been reserved as Self Finance in each discipline. 2. In case of applicants more than 20, admission would be made on merit among bench fee applicants. 3. Rs.30,000/- per semester will be charged as Bench fee in addition to normal semester fee from the interested students who opt this scheme.	To Apply: • Candidate will fill online Admission Form (available on university web site www.gcwuf.edu.pk under admission sub-link) • Download Admission Processing fee voucher deposit admission processing fee in UBL (any branch). • Upload scan copy of deposit slip of processing fee. • Upload scan copy of matric certificate. • Upload scan copy of intermediate result. • Scan copy of HEC card/9 Form NOTE: • Only online admission form will be considered. Hard copy of admission form is not required to GCWUF. • MAM/Sc. (Bachelors) programs have been offered and for the HEC no admissions for MAM/Sc. is not offered.						
MS/MPHIL Arabic, Applied Linguistics, Botany, Chemistry, Food Science & Technology, Islamic Studies, Zoology	For MS/M.Phil. ELIGIBILITY CRITERIA & BASIC INFORMATION TO APPLY 1. Females all over the Pakistan are eligible for admission. 2. The candidates must have passed MAM/Sc. (minimum 70 credit hours) or BS 4-years (minimum 130 credit hours) or equivalent degree in the relevant field from HEC recognized institution with at least 50% marks (Under Annual System) or 2.50 CGPA (Under Semester System) for admission to MS/M.Phil. Programs. However, student obtaining 45% marks in M.A. under annual system are eligible to get admission in M.Phil. English Linguistics. 3. The candidate must have secured minimum 50% or more marks in the subject GRE conducted by Directorate of Academic of GCWUF.	How To Apply: • Candidate will fill online Admission Form (available on university web site www.gcwuf.edu.pk under admission sub-link) • Download Admission Processing fee voucher deposit admission processing fee in UBL (any branch). • Upload scan copy of deposit slip of processing fee. • Upload scan copy of matric certificate. • Upload scan copy of intermediate result. • Scan copy of HEC card/9 Form NOTE: • Only online admission form will be considered. Hard copy of admission form is not required to GCWUF. • MAM/Sc. (Bachelors) programs have been offered and for the HEC no admissions for MAM/Sc. is not offered.						
Ph.D. Botany, Chemistry, Food Science & Technology, Zoology	For Ph.D. ELIGIBILITY CRITERIA & BASIC INFORMATION TO APPLY 1. Females all over the Pakistan are eligible for admission. 2. The candidates must have passed MS/M.Phil. with minimum CGPA 3.00 out of 4.00 (Under Semester System) or 1st Division (Under Annual System) in M.S./M.Phil. or equivalent degree from HEC recognized institution. 3. The candidates must have secured minimum 70% marks in the subject GRE conducted by Directorate of Academic of GCWUF.	How To Apply: • Candidate will fill online Admission Form (available on university web site www.gcwuf.edu.pk under admission sub-link) • Download Admission Processing fee voucher deposit admission processing fee in UBL (any branch). • Upload scan copy of deposit slip of processing fee. • Upload scan copy of matric certificate. • Upload scan copy of intermediate result. • Scan copy of HEC card/9 Form NOTE: • Only online admission form will be considered. Hard copy of admission form is not required to GCWUF. • MAM/Sc. (Bachelors) programs have been offered and for the HEC no admissions for MAM/Sc. is not offered.						
B.Ed 1.5 years (Morning & Evening)	For B.Ed 1.5 years ELIGIBILITY CRITERIA & BASIC INFORMATION TO APPLY 1. Females having domicile of Punjab are eligible for admission. 2. The candidates must have passed MAM/Sc. with minimum CGPA 3.00 out of 4.00 (Under Semester System) or 1st Division (Under Annual System) in M.S./M.Phil. or equivalent degree from HEC recognized institution. 3. The candidates must have secured minimum 70% marks in the subject GRE conducted by Directorate of Academic of GCWUF.	How To Apply: • Candidate will fill online Admission Form (available on university web site www.gcwuf.edu.pk under admission sub-link) • Download Admission Processing fee voucher deposit admission processing fee in UBL (any branch). • Upload scan copy of deposit slip of processing fee. • Upload scan copy of matric certificate. • Upload scan copy of intermediate result. • Scan copy of HEC card/9 Form NOTE: • Only online admission form will be considered. Hard copy of admission form is not required to GCWUF. • MAM/Sc. (Bachelors) programs have been offered and for the HEC no admissions for MAM/Sc. is not offered.						
NOTE: The applicants working in Government and semi Government institutions seeking admission in all degree/programmes have to take NOC from their parent department within 1 month from the date of admission otherwise there admission will stand cancelled and there will be no liability on the part of the institution. Any concealment of the facts if found at any stage of the study university will be liable to cancellation of their admission.								
PROSPECTIVE FEATURES	Faculty: Highly Qualified Local & Foreign	Fee: Affordable Fee Structure	Scholarships: Merit & Need Based Scholarships	Transport: Limited Transport Facility	Accommodation: Limited Hostel Facility	External Linkage:	Research & Study:	Well Equipped Labs:
FOR FURTHER INFORMATION PLEASE VISIT UNIVERSITY WEBSITE www.gcwuf.edu.pk OR CONTACT US: email: admissioninfo@gcwuf.edu.pk , Ph: 0992-41-9220695, 0992-41-9220670-75/3061								

Academic Activities/ Seminars:

Inter-departmental cricket championship 2021 (Male, Female):

Directorate of Sports is actively engaged in providing equal opportunities of participation to all students removing class barriers on the basis of economical and racial differences. Similarly, during sports week, matches are arranged for the blue collar staff to provide them equal chances of entertainment and recreation. This also contributes to the provision of healthy life style for all.

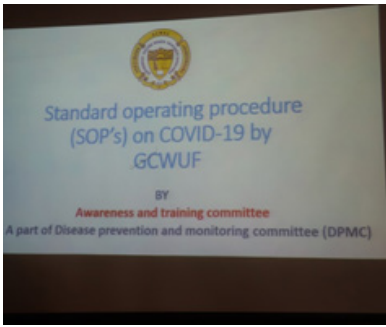


GCWUF Policy for Students with Disabilities:

GCWUF believes that persons with disabilities are essential units of society and it is the fundamental obligation of all institutions to create an appropriate and befitting environment for them to become useful members of society. Physical impairment is never a hindrance in acquiring education at GCWUF. All eligible candidates, disregard of any physical disability can take admission in a comprehensive environment for them to become useful members of society. Physical impairment is never a hindrance in acquiring education at GCWUF. All eligible candidates, disregard of any physical disability can take admission in a comprehensive environment for them to become useful members of society. Physical impairment is never a hindrance in acquiring education at GCWUF. All eligible candidates, disregard of any physical disability can take admission in a comprehensive environment for them to become useful members of society.



A training session on “Awareness about COVID-19”



A training session for the awareness about COVID-19 was held on September 09, 2020 at Jinnah auditorium, GCWUF for guards, gardeners, sweepers, laboratory attendants and Naib qasid's of all departments. All trainees were provided masks, hands were sanitized before entering and after leaving auditorium and social distancing was maintained.

GCWUF Policy for Minorities:

As an upholder of basic human rights, GCWUF has a clearly defined approach regarding religious minorities. It believes in the protection of the fundamental rights of minorities and asserts that adequate provisions should be made for them so that they could develop themselves socially and culturally. University complies with all policy guidelines and instructions received from the provincial and federal governments pertaining to the fixation of Minority Quota in admissions and recruitments. Besides this special quota, subject to the fulfillment of prescribed eligibility criteria, a fair opportunity is provided to minorities to seek admission to any degree program offered at University or apply for teaching and non-teaching

Mrs. Asma Khurshid HOD physics, Convener DPMC and Ms. Ayesha Irum lecturer in Physics described SOPs to avoid COVID-19. Dr. Abida kosar in charge Botany department and Co-convener of DPMC explained the policies and steps taken by university management for the safety of students, workers, and faculty. It was informed to the trainees that they must wear masks, wash/ sanitize their hands off and on and always maintain social distancing. The methods of proper hand washing and wearing mask were practically explained by Mrs. Asma Khurshid. The trainees were requested and warned to follow all SOPs so that the virus may not spread and disease could be controlled.



Day Care Facility for all Employees:

CHILDREN OF BOTH MALE AND FEMALE EMPLOYEES' AT GCWUF ARE PROVIDED DCC FACILITY REGARDLESS OF SCALE, GENDER OR RELIGIOUS MINORITY. ALL FACILITIES ARE MADE AVAILABLE TO ALL KIDS IRRESPECTIVE OF ANY DISCRIMINATION. THIS HAS BROUGHT

A GREAT RELIEF TO MOTHERS AT GCWF MAKING IT ONE OF THE BEST UNIVERSITY DAY CARE CENTERS IN FAISALABAD. GCWUF HAS PUT UTMOST EFFORT TO FACILITATE ITS FACULTY IN REGARD TO THEIR CHILD'S CARE AND HAS BEEN ABLE TO MEET THE SATISFACTION OF MOTHERS.

recruitments on open merit. Moreover, to show harmony to the employees belonging to religious minorities, the Vice Chancellor, high officials, faculty and students heartily participate in celebrations of their religious and social festivals.

University visualizes these inclusive practices at Campus, as an exercise of tolerance, mutual respect and intercultural dialogue which promote an environment of mutual trust and understanding between different

groups comprising a society.





Introduction:

Government of Pakistan is especially focusing on the Climate change which is effecting the whole world at certain level. Government of Pakistan has launched a billion tree campaigns to counter the global warming which is affecting the whole world. GCWUF has also participating in this campaign to clean the environment in the community.

In this regard, several campaigns have been launched by the GCWUF to cater the effect of global warming.

Projects:

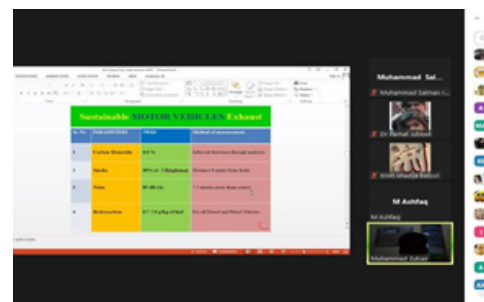
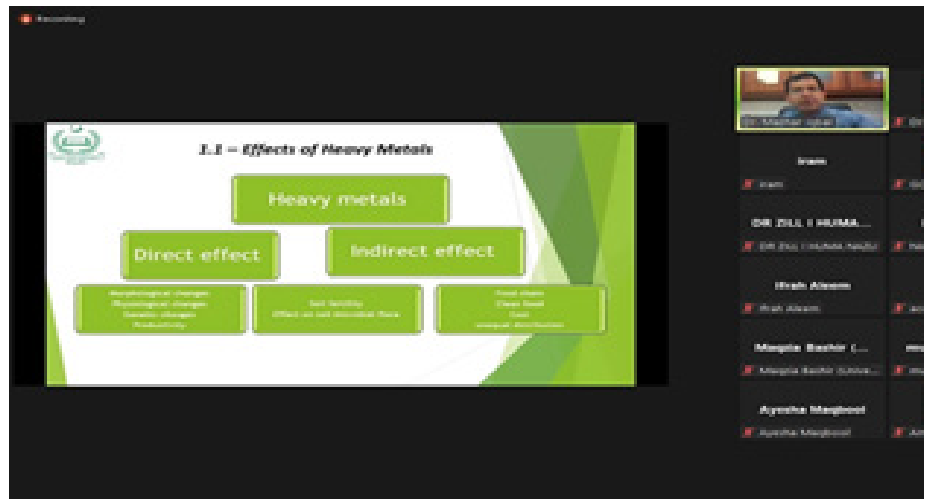
GCWUF has initiated a project to plant Ten thousand trees (10,000) in its New Campus by the end of year 2021 to counter the effect of global warming. In this regard, a Department of Horticulture and Plantation Committee have been established to achieve this project. Several Departments visit the New Campus regularly to plant the different types of trees.



Academic Activities/ Seminars:

One Day Webinar on “Policy Development for Pollution Control & Sustainable Environment”

Environmental protection is one of the basic prerequisites for the overall development of any country in the world. Even though now change is fast, fueled by unconstrained population growth and advancing technologies. The ecological footprint of modern human society is huge. The result is global ecological disruption and biotic impoverishment. Yet modern society continues to behave as if there were no long-term consequences of transforming the biosphere, as if we were not connected to nature’s life-support systems. As awareness of environmental protection is developed, human awareness is also developed about the need to preserve the environment by preventing adverse impacts on nature. Laws/policies, as a scientific discipline, play a significant role in these endeavors. Keeping in view the importance to protect the environment by contribution of zero emission policy in GCWUF.



One Day Webinar
POLICY DEVELOPMENT FOR POLLUTION CONTROL & SUSTAINABLE ENVIRONMENT
 20th October, 2021, 10:00 am - 01:00pm
 Theme: Zero Emission Vehicle Policy in the Campus of GCWUF

Prof Dr Robina Farooq
Patron
Vice Chancellor GCWUF

Dr. Zil-i-Huma Nazli
Convener
Director Academics
GCWUF

Dr Mazhar Iqbal
Resource Person
Quaid-e-Azam University,
Islamabad

Dr Muhammad Zubair
Resource Person
University of Gujrat

Dr Farhat Jubeen
Focal Person
Department of Chemistry
GCWUF

GO GREEN, THERE IS NO PLANET B
 Surrender to Earth's Intelligence to Rise Up Rooted Like Trees.

Venue: Video Conference Room, Admin Block, GCWUF

Organized by
 Department Of Chemistry
 Government College Women University, Faisalabad



Partnerships for the Goals

Introduction:

GCWUF is actively engaged with different national and international organizations for the implementation of SDGs.

All faculty members

regarding the UN 2030 Agenda of Sustainable Development Goals in the World. Dr. Aasma Khalid, Director Quality Enhancement Cell GCWUF introduced the guest speaker, Dr. Mohammad Haroon Khan, Additional Director ORIC, City University of Science and Information Technology Peshawar to all the participants.

He has been a consultant at World Health Organization (WHO) Headquarters, Geneva, Switzerland, and has also been in close collaboration with other teams at WHO headquarters including teams from WHO emergency programme related to Joint External Evaluation, State Party Annual Reporting and SimEx for interlinking health system and health security data from different sources including World Bank.

Dr. Khan briefly

described the history of Sustainable Development Goals. He elaborated that SDGs are universal and have been created to "leave no one behind". The goals apply to both rich and poor countries, cities and villages, young and old, male and female. The SDGs are also interconnected with each other. For example, poverty (Goal 1) can lead to hunger and malnutrition (Goal 2), which may lead to health problems (Goal 3) that may prevent children from completing their education (Goal 4) or adults from getting a job (Goal 5).

Further, he explained that the 17 SDGs are accompanied by 169 specific targets and 232 measurable indicators. These targets and indicators will help countries plan their policies, measure their progress, find gaps and report the results to the international community.

Ministry of Planning, Development & Special Initiatives (MoP&SI), Government of Pakistan, P&D Departments of provincial governments with the support of UNDP – Pakistan has launched a five years joint project of "National Initiative for Sustainable Development Goals to institutionalize 2030 Agenda. At the national level Federal SDGs Support Unit was established at the ministry with a mandate to ensure early institutionalization of SDGs.

The pace at which the provinces have so far moved to align their policies, development planning and budget allocations with the SDGs has been painfully slow and patchy. But the good news is that the provinces where the global goals are to be actually executed are said to have made significant progress on developing provincial SDG frameworks, establishing baseline targets, resetting priorities and mobilizing academia, and other departments. The provinces are the main stakeholders in the execution of the goals as the last National Finance Commission (NFC) award transferred a major share from the national financial resources to them.

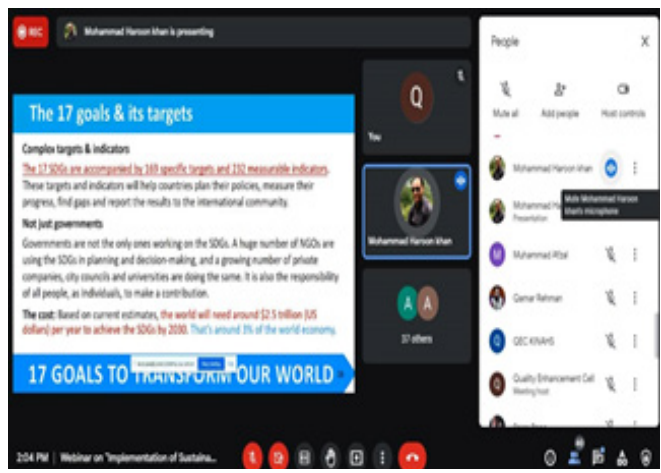
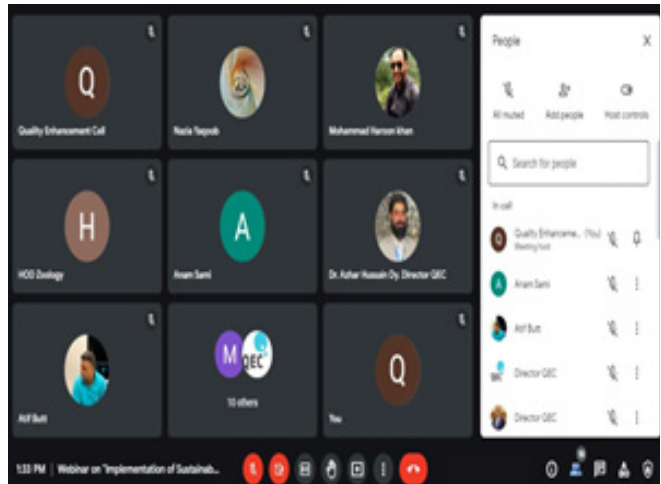
The Webinar ended with the question/answer session in which the participants from the various cultures and societies raised very interesting and beneficial questions regarding the Sustainable Development Goals. In the end, Director QEC, Dr. Aasma thanked the Guest Speaker and all participants for joining this remarkable activity.



SDG-2 Erase Hunger

MoU Signing Ceremony with Kammal Mills:

For the accomplishment of United Nations SDG Erase Hunger, a Memorandum of Understanding was signed on March 11, 2021 between Kamal Mills (Private) Limited Pakistan and Govt. College Women University Faisalabad to provide Sports based Scholarship Grant to the students of GCWUF covering full expenses for the entire degree to the financially deserving students. The MOU signing ceremony was attended by Ms. Neelam Ehsan Kamal CEO Kamal Cares, Mr. Haider Mairaj, Consultant, Kamal Cares, Vice Chancellor GCWUF, Prof. Dr. Robina Farooq, Registrar GCWUF, Ms. Rahat Afza, Director Sports Ms. Farzan Azam, Coordinators, faculty members and students of Sports and Physical Education. Director Students Affairs GCWUF Ms. Asma Aziz welcomed the guests and appreciated the public/ private partnership venture focusing on students of the university. Dr. Robina Farooq thanked Kamal Textile for taking initiative for providing financial assistance to students thereby helping the cause of women empowerment in society.



SDG-3 Good Health & Well Being

MOU Signing Ceremony between Government College Women University Faisalabad and Read Pakistan Trust Islamabad

While accomplishing the United Nations agenda for the Sustainable Developments Goals, Human health, economic wellbeing and the reading habit are related to each other. Government College Women University Faisalabad has leaped forward to strengthen its knowledge friendly campus environment by signing an MOU with Read Pakistan Trust Islamabad. Prof. Dr. Robina Farooq, Vice Chancellor, GCWUF and Mr. Farrukh Dall from Read Pakistan Trust had signed the memorandum of understanding.

It is a step to encourage our students to develop and promote book-reading habit. Both the

organizations will conduct the following activities under this MOU:

1. Read 50 Books a Year International Competition
2. Writing Competition

3. Read Pakistan Book Club Joining



GCWUF has established a MOU with the NGO Sarwar Foundation Pakistan, to provide best facilities to GCWUF community regarding an earlier detection of dangerous diseases, such as Hepatitis B and C. Random testing of covid-19 was also administered on regular intervals.



Government College Women University Faisalabad has signed a MoU with Punjab Thalassemia Prevention Project for the awareness about Thalassemia Prevention and Public Education to its students and local community at Faisalabad.

In collaboration with Higher Education Commission, Pakistan, GCWUF contributes to the International campaign of Pink Ribbon Association. Seminars and Talk sessions are regularly organized to increase awareness regarding Breast Cancer rampant among women in Pakistan. With an objective to provide best sports opportuni-

ties to the students, GCWUF in collaboration with District Government Sports Department organizes several competitions every year. Recently the District Hockey Championship was conducted in Partnership with the District Government and Team GCWUF has secured 2nd Position in this championship.



SDG-4 Quality Education

For the promotion of UN SDG-4, Quality Education, Government College Women University is stepping in strong collaborations with other universities to develop close linkages to uplift educational standards, research mechanisms, development of skills and mental capacities of their students and welfare of society on larger scale. To serve this purpose, today dated 25th May 2021, a **Memorandum of Understanding has been signed between Government College Women University Faisalabad and Ghazi University, Dera Ghazi Khan.** Prof. Dr. Robina Farooq as Vice Chancellor GCWUF and Prof. Dr. Muhammad Tufail (T.I.) as Vice Chancellor Ghazi University signed the MOU. The objective of this MOU between both the

universities is to establish and strengthen collaboration to promote quality research & education through exchange of expertise, sharing of labs and holding seminars and conferences as per rules and regulations of both the institutions.



SDG-5 GENDER EQUALITY

To materialize the objectives of SDG-5 Gender Equality, University, in collaboration with multiple national organizations, is consistently striving to create new opportunities to uplift the status of women in society.

In this regard, a MoU has been signed between Government College Women University Faisalabad and Faisalabad Women Chamber of Commerce and Industries to enhance the skills of young female students who can develop greatly and change the complexion around the society.

University organized a Job Fair with the collaboration of Faisalabad Chamber

of Commerce & Industry. A sizeable number of institutions participated in this Job Fair and provided innovative opportunities of employability and entrepreneurship to the status of GCWUF. To increase familiarity about income Tax return file, University negotiated with Federal Board of Revenue, which established a help desk and provided free service to the University staff about the compilation of relevant data.

Al-Khimat Markaz is another organization which is working for female community and supporting them in the preparation and execution of important credentials such as Driving license, Domicile, Nation identity card etc. This organization has provided services to university staff regarding concerned paper work.

SDG-6 Clean Water & Sanitization

The Memorandum of Understanding (MoU) has been signed between the Sarwar Foundation (SF) and Government College Women University Faisalabad (GCWUF) on September 02, 2020. In this regard, an R.O Plant was established in the GCWUF to facilitate the students and community.

SDG-7 Grow Affordable and Clean Energy

Government College Women University Faisalabad signed a Power Purchase Agreement (PPA) with Solar Tech (Pvt.) Ltd related to Solarization of GCWUF on ESCO Model. This project offers a capacity of 300kW for tenure of 25 years. Dr. Sadia Asim, Director Planning and Development inaugurated the ceremony. The PPA was formally signed by Registrar Mr. Asif Ali Malik and Mr. Zubair Obaid, (CFO Solar Tech) in the presence of the worthy Vice Chancellor, Muhammad Abdul Rehman (Managing Director of PEECA) and Mrs. Rizwana Tanveer Randhawa (Legal Advisor). In the end, the Vice Chancellor appreciated the whole team for this project.



SDG-8 DECENT WORK & ECONOMIC GROWTH

GCWUF is committed to strengthen the global fight against all forms of forced labor, modern slavery, child labor and human trafficking. It strongly believes in the implementation of all fundamental principles and rights at work place for all workers.

SDG-9 Industry, Innovation and Infrastructure

GCWUF has made strong collaboration with other organizations to enhance the skills of their students towards the research in the field of Banking and Industries.

With the collaboration of State Bank of Pakistan (SBP), Government College Women University Faisalabad has laid a steppingstone in banking field by introducing a four-year degree programme in Islamic Banking and Finance. GCWUF is the first ever women university which is going to initiate a four-year degree program in the field of Islamic Banking which is not available in any other institute of Pakistan

Launching Ceremony
4 Year BS-Honors "Islamic Banking & Finance"
 A Joint Venture of
Govt College Women University Faisalabad & State Bank of Pakistan (Banking Services Corporation) Faisalabad

Chief Guest: Mr. Muhammad Ashraf Khan, Managing Director SBP (BSC)

Guest of Honor: Mr. Shaukat Zaman, Executive Director Group Head Form & IFPU SBP (BSC)

Other dignitaries: Prof. Dr. Rubina Farooq (Vice-Chancellor, GCWUF), Sarfaraz Ahmad Nadeem (Chief Manager, SBP (BSC) Faisalabad), and others.

Venue: Jinnah Auditorium Govt College Women University Faisalabad

SDG-16 Peace, Justice and Strong Institutions

University in collaboration of Pakistan Peace Collective (PPC), Ministry of Information and Broadcasting Pakistan organizes Seminars, Conferences, talk shows and walks in order to promote peace, tolerance, harmony and mutual coordination.

National Initiative for Sustainable Development Goals
16TH NOVEMBER, 2020
INTERNATIONAL TOLERANCE DAY
 CELEBRATING A DAY OF MUTUAL COEXISTENCE AND SOCIAL COHESION IN LIGHT OF PEGHAM-E-PAKISTAN NARRATIVE
GOVERNMENT COLLEGE WOMEN UNIVERSITY FAISALABAD

Shan-e-Rehamatulil Alamiin Week

Shan-e-Rehamatulil Alamiin week have been observed by GCWUF from October 12 to 18, 2021. GCWUF is putting its utmost efforts to make it as meaningful as possible to not only show our respect for our beloved Prophet PBUH, but spread the message of peace, love, and hope transmitted through Uswa-e-Hasnah.

HAFTA SHAN-E-REHMATUL-LIL-ALAMEEN
 12-18 October 2021
 Celebration of *Eid Meelad un Nabi* 2021

Inter Departmental Online Naat Competition	Oct 12, 2021 at 10:30 a.m.
Inter Departmental Online Speech Competition	Oct 12, 2021 at 02:00 p.m.
Two days International "SHAN-E-REHMATUL-LIL-ALAMEEN Virtual Conference" at Video Conference Room	Oct 13-14, 2021 at I- 09:30 a.m. to 12:30 p.m. ii- 02:00 p.m. to 04:00 p.m.
International Virtual Seminar "Urdu Naatiya Shaairi"	Oct 18, 2021 at 09:00 a.m.
Inauguration of "Rehmatul il Alameen Book Corner" at Library	Oct 18, 2021 at 10:00 a.m.
Mehfil e Meelad	Oct 18, 2021 at 10:15 a.m.
Online Naatiya Mushaira	Oct 18, 2021 at 02:00 p.m.

Organized By: Directorate of Students Affairs & Department of Islamic Studies
Government College Women University Faisalabad (GCWUF)