

# SDGS ANNUAL REPORT 2021-2022

SDG 1-No  
Poverty

SDG 2-Erase  
Hunger

SDG 3-Good  
Health and Well-  
Being

PLUS

SDG 4-Quality  
Education

SDG-5 Gender  
Equality

SDG-6 Clean  
Water &  
Sanitization

SDG 7- Grow  
Affordable  
and Clean  
Energy



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# SUSTAINABLE DEVELOPMENT GOALS REPORT OF GCWUF 2022



We face worldwide natural, social and monetary difficulties, moving toward a tipping point that takes steps to violate our planetary limits. Universities can assist with molding new ways for the world, handling the major difficulties of our day as reflected in the SDGs. Being at the cutting edge of logical and mechanical advances in endeavor worldwide exploration and teaching future pioneers and experts, universities convey effective information in each area across all countries and go about as anchors in the networks they serve broadly and universally. Universities can assist with working with the change toward a more even-handed society and a superior world by taking on the SDGs at an essential level in quest for manageability and for of associating advanced education with business, industry, medical care, local area accomplices, and entrepreneurs.

The United Nations' Transforming Our World: The 2030 Agenda for Sustainable Development is perhaps of the most determined and huge overall course of action in late history. The agenda is embodied under the 17 SDGs which cover an extent of subjects, from desperation

decline and conveying monetary accomplishment to social thought, from good work to climate action, from normal sensibility to congruity and extraordinary organization to all countries and all people by 2030.

The SDGs moreover have strong importance to universities and they need to play out an instrumental work in the achievement of the SDGs. The fitting procedures took on by universities for effective executions of SDGs have transformed into their show markers. Times Higher Education Impact Rankings survey the universities through its huge obligation to the achievement of these SDGs.

GCWUF has established a committee for the implementation of SDGs in order to develop a sustainable environment. The committee comprises of following members:

**1** Director QEC  
Convener

**2** Dr. Farhat Jabeen  
Member

**3** Dr. Syeda Samina  
Tahira  
Member

**4** Mr. Moazzam  
Mumtaz  
Member

The above-mentioned committee emphasizes on the importance of Sustainable Development Goals and plays a vital role in the implementation of SDGs in university.

GCWUF is left upon another excursion by turning into a piece of this worldwide development. It needs to create as a Champion of financial progression through playing out a fundamental work in the execution of the SDGs. While attempting to develop inward breaking point and obligation regarding SDGs, GCWUF has started consolidating and embedding the SDGs inside university procedures and techniques.

GCWUF acknowledges that attracting with the SDGs will essentially benefit by helping it with showing university influence, get interest for SDG-related guidance, create new affiliations, access new supporting streams, and portray a university that is careful and from one side of the planet to the other careful.

#### 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



# SDG 1 - NO POVERTY

## INTRODUCTION

Poverty has emerged as an overall test across the world. A gigantic degree of complete people lives underneath the destitution line. Universities can loosen up a liberal obligation to diminish destitution in the public field. Keeping this reality into thought, GCWUF is taking uncommon measures to help the students living in monetarily troubled conditions.

Students Financial Aid Office (SFAO):

Govt. College Women University has established a Student Financial Aid Office in order to provide financial assistance to needy students. The main aim of above-mentioned office is to make sure that no student will discontinue her studies due to financial crisis. GCWU offers different scholarships in collaboration with many funding agencies. Currently, university is offering following scholarships:

Name of Scholarship	Name of Scholarship
University Need Based Scholarship	EHSAAS Undergraduate Scholarship
Interloop Scholarship	HEC Need Based Scholarship
Punjab Educational Endowment Fund	Bait-ul-Mal Scholarship
Kamal Foundation Scholarship	Quid-e-Azam Scholarship
Karwan-e-Ilm Scholarship	Rehmat-al-lil-Aalmeen Scholarship
Ifta Welfare Trust	Benazir Undergraduate Scholarship Project

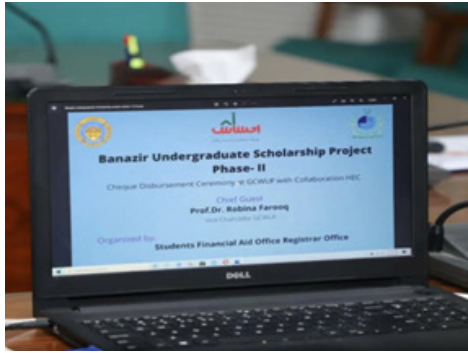
Detail of Scholarships awarded by the GCWUF during FY- 2021-22:

Sr. No.	Scholarship Name	No. of Students	Disbursement Amount (Rs.)
1	University Need Based Scholarship	433	9,695,122
2	EHSAAS Undergraduate Scholarship	714	57,130,680
3	Interloop Scholarship	156	7,182,770
4	HEC Need Based Scholarship	104	8,112,796
5	Punjab Educational Endowment Fund	82	1,647,000
6	Bait-ul-Mal Scholarship	10	124,000



## Benazir Undergraduate Scholarship Project:

Students Financial Aid Office of Govt. College Women University Faisalabad organized a cheque disbursement ceremony for Benazir Undergraduate Scholarship Project worth Rs. 56,040,746/- (Rupees Fifty-Six Million Forty Thousand Seven Hundred and Forty-Six only) among the 695 selected students of various disciplines. Prof. Dr. Robina Farooq (T.I), Vice Chancellor GCWUF graced the ceremony as chief guest. she thanked the Higher Education Commission for providing financial support to financially compromised students of GCWUF.



## Academic Activities/ Seminars:

### E-Rozgar Center for women of local community

GCWUF has initiated a drive to improve business possibilities for ladies of neighborhood local area. In the premises of the fundamental Grounds, an "E-Rozgaar Center" has been laid out, which gives on the web and actual preparation to that multitude of female members covetous to build their pay through advancing electronic abilities. This task was at first begun in June 2017 with the joint effort of Youth Affairs and Sports Department (YASA), Punjab Information Technology Board (PITB). The principal objective was to give preparing open doors to youth to become independently employed utilizing web based outsourcing.

## نئے مرحلے میں

### داخلوں کا آغاز

یوتھ ایفئرز اینڈ سپورٹس ڈیپارٹمنٹ اور پنجاب انفارمیشن ٹیکنالوجی بورڈ کی جانب سے نوجوانوں کو باوقار روزگار کے مواقع فراہم کرنے کے لیے

## ای-روزگار کی جانب سے فری لانسنگ کے مفت کورسز

### آن لائن آمدن کمانے کا بہتر سیکھیں!

مندرجہ ذیل کورسز میں تین ماہ کی مفت ٹریننگ دی جا رہی ہے

آن لائن اور آن کیمپس ٹریننگ کے کورسز

- Technical
- E-Commerce

آن لائن ٹریننگ کے کورسز

- Content Marketing & Advertising
- Digital and Social Media Marketing
- UI/UX Design

ای-روزگار کی جانب سے فری لانسنگ کے کورسز

- Creative Design
- Mobile App Development

**اہلیت کا معیار**

- تعلیم کم از کم 10 سال
- عمر کم سے 35 سال
- ڈیجیٹل اشتیاق کارڈ، پنجاب
- سماجی بہتریت سے روزگار

ابھی اپلائی کروں

[www.e-rozgaar.pitb.gov.pk](http://www.e-rozgaar.pitb.gov.pk)

## Seminar on “Art of Earning Online”

A one day seminar was organized by GCWUF on “The Art of Earning Online”. The Trainer Mr. Fahad Khokhar, widely known as Fiverrologist, gave an overview related to Freelancing, Affiliate Marketing, Content Writing, Copywriting, Crypto Trading, and Amazon Virtual Assistance. The trainer is well versed in Shopify, Social Media Marketing, SEO, QuickBooks, Daraz, Affiliate Marketing, Copywriting, Graphic Designing and Video Editing etc. The students of GCWUF attended the seminar whom the trainer offered an exclusive offer of a free training of 14 days on Freelancing. The students were given certificates at the end of the event by Registrar and HOD of the department of Management Sciences, GCWUF.



## Seminar on “Foster Flagship Training Program”

The GCWUF organized an awareness seminar on Foster Flagship Training Program. Foster Learning Pakistan is an educational training organization with the vision of an education system in Pakistan that creates self-starters and problem solvers. The resource persons Mr. M. Sanan Khan and Mr. Hanan Hayat gave information regarding Career Counselling, role of Leadership skills in personal and professional life, job skills, different ways of professional growth and how to provide entrepreneurial opportunities to females across the globe.



## IT Consultancy Camp:

The IT Consultancy Camp was arranged by the Govt. College Women University Faisalabad. The purpose of this activity was to create awareness about freelancing services provider websites. The students also provided awareness about common freelance career fields including accounting & finance, customer services, software development, writing, editing, research, project management, computer & IT. Coordinator Faculty of Science & Technology, Incharges, faculty members, non-teaching staff & students of GCWUF visited the camp.



# SDG 2 ERASE HUNGER

## INTRODUCTION

The capability to take care of the world is a critical component of sustainable development. Assuming done well, agribusiness, ranger service and fisheries can give nutritious food to all. Simultaneously, it can guarantee rustic improvement with individuals at the focal point of the cycle, supporting the salaries of the people who depend on horticulture. With this respect, Govt. College Women University Faisalabad gives significance to logical ventures and projects attempting to lessen hunger on the planet. Furthermore, GCWUF helps out its accomplices and sort out occasions to end hunger. In order to improve sustainable development goal no. 2 i.e. "Erase Hunger" offering support on food is significant.

Project Digest: Coumarin based organic compounds are of the substantial attraction for photo-chemists due to their capability to induce photochemical reactions. These are heterocyclic compounds in blue-green region. Intense fluorescence peaks are obtained for this dye and due to this characteristic it is used in outlining fluorescent labels, Organic light emitting diodes, Optical brightness and laser active Medias. Along with this due to feasibility of improvement in structure these compounds can behave as photosensitizers.

Various substituted Coumarin compounds could be perfectly used in photo chemotherapy of numerous skin diseases like psoriasis, atopic dermatics and Vitiligo. Besides this activity, the anti-coagulant activity is unveiled by an integral number of substituted Coumarins.

Further information about Coumarin its derivatives could be collected by investigation of fluorescence quenching. This process results in decrease of fluorescence intensity or quantum yield of luminescent compound due to interaction with other chemical species.

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.

## RESEARCH PROJECTS

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.

1. Development of Aflatoxins Reduces Strategies for Zea mays (DARSZ)

2. Theoretical, Kinetic and Photochemical Studies of Exciplexes of Newly Synthesized Coumarin based light Emitting and Cheotherapeutic Compunds

## RESEARCH PROJECTS

**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 toxins in foods. Acrylamide is one of these toxins 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 neurological. Acrylamide Toxins mitigation strategies.

### 3. Mitigation Strategies to reduce Acrylamide in Potato Chips

**Project Digest:** In tropical environment of Asian countries, aspergillus 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 aspergillus flavus and aspergillus parasiticus. There are twenty different types of aflatoxins 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, ammonia, 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.

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

## ACADEMIC ACTIVITIES/ SEMINARS:

### World Food Day

The Department of Food Science and Technology celebrated World Food Day on 14th October 2022. The department organized a seminar and poster competition on the theme "Leave No One Behind". Prof. Dr. Aysha Sameen, Head of the Department inaugurated the session with her preamble. Prof. Dr. Muhammad Wajid, Vice-Chancellor of University of Okara elaborated the importance of food technology, the roles and duties of food technologists, and methods to deal with food scarcity. Chief Guest Prof. Dr. Robina Farooq (T.I.) Vice Chancellor, GCWUF shared words of wisdom about food security, and food safety. Registrar, GCWUF Mr. Asif A. Malik and Director Academics Prof. Dr. Zill-i-Huma Nazli encouraged students to make innovative food products to resolve food related issues and bring a meaningful change to the world. Dr. Syeda Ayesha Batool, Master Trainer, PFA and Miss Farah Shamim, Scientific Officer, Rice Research Institute), the guest speakers discussed methods to increase the nutritional value of food. After the technical session, honorable judges Prof. Dr. Nuzhat Huma, Ex-Director General NIFSAT, UAF and Dr. Amna Sahar, Associate Professor, NIFSAT, UAF evaluated the ideas that portrayed by the students in a poster competition. Positions were announced based on the message conveyed through the poster. The position holder students were awarded with certificates and cash prizes. At the end of the seminar, the guests were awarded with souvenirs and appreciation certificates were distributed among faculty members.



## Seminar on “High Value Fruit Farming Industry Trends and Success in Pakistan”

In the kind patronage of worthy Vice Chancellor Prof. Dr. Robina Farooq (T.I.), the Department of Botany, GC Women University Faisalabad organized one day seminar on “High Value Fruit Farming Industry Trends and Success in Pakistan” on Wednesday October 05, 2022.

The Incharge, Department of Botany, Dr. Abida Kausar formally welcomed all guests and presented an overview of the seminar.

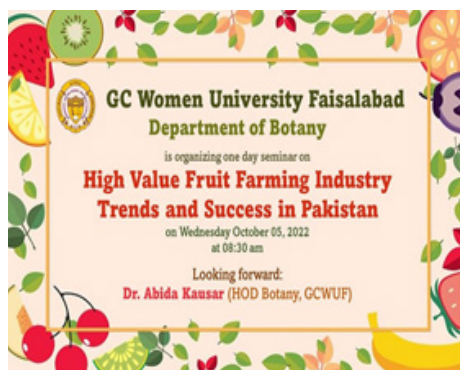
Prof. Dr. Zill-i-Huma Nazli, Coordinator Faculty of Science and Technology and convener of the event appreciated the efforts of Department of Botany in arranging the seminar.

Distinguished speakers including Muhammad Aqeel Feroz (Senior Scientist), Barani Agricultural Research Institute Chakwal and Muhammad Asim (Scientific Officer), Citrus Research Institute Sargodha discussed high value fruit farming in Pakistan and citrus industry in Pakistan.

The first session started with the talk of Muhammad Aqeel Feroz on

importance of new trends in agriculture. As agriculture-based country we are not focusing in this sector. He gave a comprehensive comparison of various fruits i.e., peach, blackberry, avocado, fig and stevia etc. production with reference to conventional and modern ways of cultivation.

The second speaker Muhammad Asim talked about citrus industry in Pakistan. He reinforced the importance of native fruits of Pakistan. He stated that citrus production is less than the demand, even though it is a cash crop in international market. Research is being conducted to improve its quality, production and make it seedless as international market trend is shifted towards the seedless fruits. Following the tradition of the department, the importance and need of plantation, HOD Botany Department arranged an in-campus plantation activity. The Vice Chancellor Prof. Dr. Robina Farooq T.I., Prof. Dr. Zill-i-Huma Nazli, Coordinator Faculty of Science and Technology and distinguished guests of the seminar Muhammad Aqeel Feroz and Muhammad Asim planted Fig, Jamun, Amrud, Kikar and Buddha trees at various points. seminar, the guests were awarded with souvenirs and appreciation certificates were distributed among faculty members.



## Food Assistance Campaign

In most recent couple of months, Pakistan was in critical condition due to natural disaster. Many families were affected by this natural disaster. The flood effected families were in the dire need of food. In these circumstances, Govt. College Women University Faisalabad, joined hands with Pakistan Navy in order to provide food assistance to affected families.

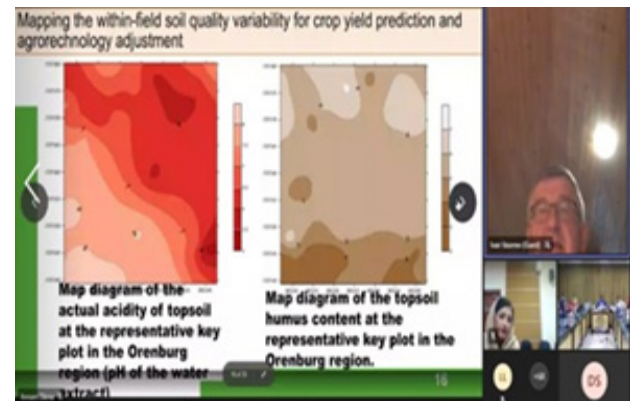


## International Seminar on Food Security and Sustainability under Climate Change:

To counter the growing food insecurity stemming from climate change, professionals have been working to find out the ways to achieve more sustainable land and water management techniques. In this regard under the kind patronage of worthy Vice Chancellor Prof. Dr. Robina Farooq (T.I.), Govt. College Women University Faisalabad organized one day international seminar on "Food Security and Sustainability under Climate Change".

Distinguished national and international speakers including Prof. Lingling Li (Gansu Agricultural University, China), Prof. Dr. Ivan Vasenev (Russian State Agrarian University), and Prof. Dr. Ashfaq Ahmad Chatta (University of Agriculture Faisalabad) shared their views on food security and sustainability under climate change as well as implementation of various techniques and strategies to fight with the challenge of climate change.

The sessions started with welcome note by Incharge, Department of Botany, Dr. Abida Kausar, who presented an overview of the seminar also. The day ended with concluding remarks of Prof. Dr. Zill-i-Huma Nazli, Coordinator Faculty of Science and Technology and convener of the event. All faculty members and students attended the technical sessions of the day.



# SDG 3 - GOOD HEALTH AND WELL-BEING

## INTRODUCTION

It has been contended that well-being is a significant factor for academic accomplishment at universities. Consequently, with regards to universities, advancing the good health and well-being of all individuals implies advancing viable learning. With poor health and well-being no one can groom her academic as well as social life. In the light of these factors, university has adopted different measures in order to improve the good health and well-being.

### Projects:

#### 01 Development of Green Electro spun Nano Composites for Wound Dressing

**P**roject 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, wound healing, medical plants.

#### 02 In Vitro Macro And Micro Propagation Of Allantoin (From Shrub) For Commercialization To Cosmetic Industry

**P**roject 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 plants. 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

**G**ovt. College Women University Faisalabad, celebrated the World Mental Health Day in order to spread awareness about the significance of mental health. A psychological camp was organized for the screening of various mental issues such as counseling, relaxation techniques, hand writing analysis, depression, stress, anxiety and other mental health issues. All faculty members as well as students got advantages related to improvement of mental health from this event. The event was chaired by Worthy Vice Chancellor, Professor Dr. Robina Farooq (T.I). She appreciated the efforts of the organizing committee.



## Health Unit of GCWUF

Health Unit of GCWUF organized an awareness seminar and a free eye checkup camp. The activities were organized in collaboration with Florescent Human Welfare Youth Organization, an organization of community welfare and social services. The objective of the seminar was to celebrate World Sight Day and to spread awareness about glaucoma. Basically, glaucoma is a group of eye diseases that can cause vision loss and blindness by damaging a nerve in the back of eye called the optic nerve. The symptoms can start so slowly that we may not notice them. The only way to find out if someone has glaucoma is to get a comprehensive dilated eye exam. An early treatment can often stop the damage and protect vision. Dr. Salma Shahid, Incharge Department of Biochemistry welcomed the Vice Chancellor GCWUF Prof. Dr. Robina Farooq (T.I) and all other distinguished guests including Prof. Dr. Zafar Ali

(VC, FMU), Dr. Najam-ul- Hassan (ophthalmologist and Assistant Professor of Faisalabad Medical University (FMU)), Prof. Dr. Ejaz Javed Lak, head of Ophthalmology Department (FMU), Mrs. Rukhsana Kouser (a renowned philanthropist and member WCCI). Director Academics Prof. Dr. Zill-i-Huma Nazli and Registrar, GCWUF Mr. Asif A. Malik also attended the event.

Dr. Najam-ul- Hassan started the seminar with a detailed description of glaucoma development and related disorders. Prof. Dr. Ejaz Javed Lak discussed the development of glaucoma. Vice Chancellor of Faisalabad Medical University (FMU) Prof. Dr. Zafar Ali Chaudhary enlightened the audience on importance of programs related to public health to control and to cure the spread of different diseases. He emphasized the need of character building of the students, as being the female university, it is our foremost duty to educate the

female because they are responsible for the education of the nation. Chief Guest Prof. Dr. Robina Farooq (T.I.) Vice Chancellor, GCWUF shared words of wisdom about character building of students, importance of eyes and ratio of blindness in Pakistan and appreciate the efforts of VC FMU for awareness programs food safety. She thanked Florescent Human Welfare Youth Organization for its ongoing support in strengthening the working of University Health Unit. At the end of the seminar, the guests were awarded with souvenirs. The students of FMU also attended seminar. FMU students and all the resource persons and department of Biochemistry participated in an awareness walk on eye protection and glaucoma in connection with the World Sight Day.



## Anti-Dengue Cell of GCWUF:

The Dengue-Avoidance Society working under Health Care Center, GCWUF is answerable for the tidiness of associated regions and splashing with insect poisons for anticipation of Dengue in the Grounds. The university health care services are continually advancing to give best and state-of-the-art treatment as well as attention to the understudies of GCWUF. The Anti dengue splash has been routinely directed in every one of the workplaces, study halls and other green areas of the university. Furthermore, according to the directions of the Govt. of Punjab, GCWUF observed anti dengue day with special awareness messages on social media.

### ڈینگی بخار خطرناک ہے

ڈینگی بخار کی علامات۔

علامات: جو کہ عموماً مریض کے ڈینگی بخار سے متاثر ہونے کے 4 سے 6 دن کے بعد شروع ہوتی ہیں اور دس دن تک رہتی ہیں اگر اس کا بروقت علاج نہ کیا جائے تو اس سے موت بھی واقع ہو سکتی ہے۔

مسوڑوں اور ناک سے خون کا جاری ہونا۔ روکھی جلد اور جسم کے اندر خون کا جاری ہونا جس سے کالی اللٹیاں اور اسپتال کا جاری ہونا۔ خون میں پلیٹ لیٹس کی کمی معدہ میں درد اور جلد کے نیچے چھوئے خون کے دانوں کا بننا۔ پکڑ آنا اور اچانک بلڈ پریشر کا کم ہونا مسلسل ایسی ہونا۔ خون کی تالیوں سے مائع کا اخراج اور آخر کار ان سب کی وجہ سے موت کا واقع ہونا

**ANTI DENGUE CELL**  
**Govt. College Women University Faisalabad**

## Nutrition Festival

The Govt. College Women University organized 2 days "Nutrition Festival". The objective of the Nutrition Festival was to spread information, which focuses on the importance of making informed food choices and developing sound eating habits and physical activity. The Festival has four components.

1. On 1st day, Seminar was organized, and large number of students, Faculty Members and Professionals participated in the event. Dr. Madiha Ilyas, Incharge of the Department of Nutritional Sciences welcomed the participants and emphasized maintaining a good nutritional status, which has a positive impact on one's mental state, physical state and overall health and well-being. It also reduces chronic diseases, helps to maintain a healthy weight, and helps to boost your immune system. Ms. Firdous Rana (MPA) was invited as a Chief Guest, she said that, everyone everywhere has to ensure enough good-quality and nutritious food as well as physical activity to lead a healthy life. The Resource Person of the seminar was Ms. Beenish Sarwar Khan, she added that, by incorporating a variety of foods from different cultures, enjoying different flavors, and focusing on nutrient-dense foods, you get the nutrients that

are needed for good health. Worthy Vice-chancellor, Prof. Dr. Robina Farooq, Patron In-Chief, appreciated the efforts of the organizers for organizing such a wonderful event. The seminar ended with a vote of thanks by the Dr. Zill-i-Huma Nazli, Coordinator, Faculty of Science & Technology.





2. Nutrition Camp was also organized on 1st day of the Festival, which was inaugurated by the Worthy Vice Chancellor, and visited by the Registrar, Coordinators, In charges, Faculty members and almost 500 students. The camp provided the services including; Nutritional Assessment, Nutrition



Counseling, Diet Planning & Awareness among common masses, so the individuals make informed choices on nutrition to lead a healthy & balanced lifestyle. The purpose of this creative activity was to create awareness regarding healthy eating habits that promote health and wellness and also provide guidance for the right kind of diet required for the management of chronic diseases.

3. On 2nd day of the festival the food product competition was organized on the theme "Rainbow Foods and Health".

4. The poster competition was also conducted in the theme "Power of Herbs and Spices". The above-mentioned event was fruitful for all stakeholders with regard to good health and well-being.







## International Webinar on “Nutritional Management in Metabolic Disorders”

The GCWUF conducted an International Webinar entitled “Nutritional Management in Metabolic Disorders”. A large number of students, Faculty Members, and Professionals participated; physically and online, in the webinar. Dr. Madiha Ilyas, Convener/Incharge of the Department of Nutritional Sciences welcomed the participants, National and International speakers on the behalf of the Department. Resource Persons of the event were, Dr. Habib Aslam Gaba (MBBS, KE) D Card (UK) Consultant Cardiologist/Trainer/Chairman Chamber of Commerce, Faisalabad, Dr. Zia Khan (FCPS, FRCS) Consultant Urologist, Blackpool Victoria Hospital, UK,

and Prof. Dr. Shahzad Basra (Rtd.) Ex. Chairman of Department of Agronomy, UAF. The main objective of the Webinar was to create awareness among the common masses regarding the role of Nutritional Intervention in the prevention of chronic diseases. Speakers emphasized the prevention and management of metabolic diseases i.e. Cardiovascular Diseases, Obesity, and kidney diseases. Dr. Shahzad Basra suggested different varieties of functional foods for the prevention and management of chronic disorders. Mr. Asif A. Malik, Registrar GCWUF graced the event with his valuable remarks and appreciated the efforts of the organizing committee.



## Breast Cancer Awareness:

GCWUF organized an awareness seminar on breast cancer in connection with October as the month of International Breast Cancer Awareness. The very informative session was chaired by Director Academics Prof. Dr. Zill-i-Huma Nazli. The eminent resource person Dr. Sumaira Riaz, Head of Community Medicine, Madina Teaching Hospital, Faisalabad talked about cause and prevention of breast cancer and enlightened the students on need and method of self-examination of breast for a timely detection of breast cancer. She emphasized a healthy lifestyle to gain healthy body. Prof. Dr. Saira Saleem, the only breast and plastic surgeon in Faisalabad told the audience about treatments offered at different stages of cancer. She explained that surgery can be avoided if problem is diagnosed at early stage. It enhances the survival rate of the cancer patients. Dr. Samina Haq, a consultant gynecologist accentuated the women empowerment. The session was concluded by Prof. Dr. Zill-i-Huma. She delivered a vote of thanks to guest speakers, convener, and members of Women Health Committee GCWUF.



# SDG 4-QUALITY EDUCATION

## INTRODUCTION



depends upon the way of their teaching. Faculty members of different departments attended the session and found it a very informative session. At the end, Dr. Zill-e- Huma Naazli, directorate of Academics appreciated the efforts of Quality Enhancement Cell to organizing such a fruitful event.

University is observed as a tool of progress, though change is occurring speedier than more seasoned times. Quality education can guarantee security, prosperity and thriving of a country. Without a quality education, no one nation can grow up. The quality of education is evaluated through the quality of educational programs, students, teachers, teaching techniques, administration support and linkage with other summit organization. The main factor out of these are teachers and their teaching techniques. Govt. College Women University Faisalabad is trying its best to improve quality education at its campus by supporting their faculty and educational activities. Under mentioned measures have been taken by GCWUF in order to

promote quality education.

### Breast Cancer Awareness:

#### Seminar on “Effective Teaching Strategies in Higher Education Institutes”

A one-day seminar was conducted by Govt. College Women University, Faisalabad on “Effective Teaching Strategies in Higher Education Institutes”. Dr. Syeda Samina Tahira, In Charge, Department of Education, Co-Ordinator, Faculty of Arts and Social Sciences was invited as guest speaker. She briefed the different teaching techniques which are fruitful for quality education. She discussed that the teachers are the asset of an educational institute and the quality education





## Celebration of World Quality Month:

GWCWUF had been celebrating the Month of November 2021 as a Quality Month at their Campus. In this regard, QEC arranged three different lecture sessions on three various topics. In this regard, on November 29, 2021,

two lectures were conducted on “Preparation of Self-Assessment Report & Post-Graduate Program Review” and “Preparation for the Institutional Performance Evaluation” respectively. This activity was conducted with the PT (Programme Team) Members of all teaching departments.

On 30th November 2021, QEC conducted a training session in the Video Conference Room on the topic of “Importance of Sustainable Development Goals in Various Disciplines”. All HoDs /Chairpersons, Director Academics, Incharge ORIC, Incharge Planning and Development and other Incharges of various departments participated in this event. All the participants appreciated the efforts of QEC regarding the training sessions.

Worthy Vice Chancellor, Prof. Dr. Robina Farooq also joined the concluding session and appreciated the efforts of Director QEC, for this wonderful initiative.

## Workshop on “Art of Scientific Writing and Data Analysis”

2 days hands-on workshop on art of scientific writing and data analysis was conducted in GWCWUF in Jinnah auditorium. Prof. Dr. Farooq Anwar, Dr. Munawar Iqbal, D. Muhammad Riaz, Dr. Muhammad kashif and Dr. Kashif Ameer were the resource persons. There was a welcome address by the patron in chief, Dr. Robina Farooq and the Chair Person of Department of Chemistry, Dr. Zill-e-Huma. Later on, Prof. Dr. Farooq Anwar has delivered a keynote lecture on technical writing and the title was “an overview with focus on review and research article”. This lecture was of great significance as they came to know review and research article, purpose and need of writing them.



Students learnt how they can write a good research article and review article without any failures. This information would be really fruitful for both students and faculty.

The last lecture was orally presented by Dr. Kashif on “data analysis techniques using Minitab”. Minitab is a software package that helps you to analyses data.



Analyzing data is an important part of writing research articles. Minitab provides a quick, effective solution for the level of analysis required in most projects. Students have learnt how to use Minitab software for analysis of their research data.

## Workshop on "Digital Information Literacy in Science & Technology, Social Sciences and Information Technology"

GCWUF Women University Faisalabad organized a workshop on "Digital Information Literacy in Science & Technology, Social Sciences and Information Technology" for faculty and PhD and M Phil students of GCWUF. The session was chaired by Dr. Zill-i-Huma Nazli, Director Academics and Convener Library Committee, whereas Miss Misbah Bashir, the Librarian was the resource person for this event.

The Objective of the workshop was to develop digital skills to cope with the challenges of the current technological world. The resource person educated the participants on effective use, management, creation, quote and sharing sources of digital information in an effective way. She provided hands-on training to search data from different free digital resources including HEC digital library and online repositories. Dr. Zill-i-Huma Nazli, in her concluding remarks, said that Digital literacy promotes learning by providing a solid foundation for students to engage with online resources by utilizing digital tools effectively in the learning process. Faculty members and students from all faculties attended the workshop.

## Faculty Development Programs:

### 1: Training Session on "Introduction to Latex"

The GCWUF organized a training session on "Introduction to Latex". The Chairperson Mathematics Department, Dr. Asia Rauf, described the objectives of the training.

In first half of the training, Ms. Ammara Yaseen, Visiting Lecturer Mathematics, delivered comprehensive lecture on installation of Latex to making document class, writing techniques, and writing thesis and research paper in Latex were all discussed by her. Heads of other teaching departments and their faculty members joined the session.

In the second half, Ms. Munaza Chaudhary, Visiting Lecturer Mathematics Department, delivered a lecture on MATLAB software. Main purpose of this training was to guide the

audience about the importance of these software's so that extra computational work and calculations can be avoided which are part of the world of Math.

Dr Asia Rauf, Chairperson Mathematics Department, closed the session with a note of thanks.



## 2: Training on “Impact Factor Publications in Higher Education”

In connection with Faculty Development Program, Government College Women University Faisalabad organized a training session on “Impact Factor Publication in Higher Education” to enhance research productivity of the faculty at GCWUF. Dr. Qamar Ali, Assistant Professor of Economics at Virtual University, Pakistan joined the session as resource person. Faculty members, Heads of all teaching departments, and Coordinators of all faculties attended the session. Dr. Nusrat Zahra, In charge Department of Geography welcomed the participants. Dr. Qamar Ali provided useful tips to improve the quality of research articles. He explained the steps and procedures involved in publishing a research paper in eminent national or international journal. The

lecture followed a question answer session and ended with vote of thanks by Dr. Syeda Samina Tahira, Coordinator Faculty of Arts and Social Sciences.



## 3: Training Session on “Research and SPSS”

The GCWUF organized faculty development training. All regular and visiting teaching faculty members attended the training sessions with zeal and fervor. Dr. Nazia Khalid, Assistant Professor, Department of Food Science and Technology (GCWUF) and Ms. Saira Khan, Assistant Professor, Department of Applied Psychology (GCWUF), were invited as the guest speakers. This training program met the SDG-4: Quality Education. Dr. Nazia Khalid elaborated

the method design; a funded research project. While, Ms. Saira Khan explained the statistical analysis of raw data using SPSS. She emphasized the use of regression analysis and moderation analysis with Hayes’ process. All teaching faculty members expressed immense pleasure and were obliged for providing learning opportunity for their professional development which indeed would help them in imparting quality education to their students.



## 4: Training on “Effective Communication Skills”

Department of English GCWUF conducted two modules of the Faculty Development Program. Ms. Saira Akhter, Assistant Professor/ HoD of English Department, GCWUF, and Ms. Gul Sana Assistant Professor of Mathematics, GCWUF were the resource persons. Ms. Saira Akhter shared her knowledge on “Effective Communication skills”. It was indeed an informative and much-needed session in which she talked about the significance of communication skills in a professional environment and highlighted the significance of good communication for a successful working environment. She also talked about the hurdles, barriers, and miscommunication that often interrupt the process of communication and the strategies to overcome them. Various activities were also conducted to convey the message properly.

The participants appreciated the session and said that it was helpful for them.

The second session titled Teaching as a Profession was conducted by Ms. Sana Gul. The session started with a brainstorming activity in which the resource person asked about the qualities of a good teacher and what difference she aims to bring as a teacher? She said that the art of teaching must be the art of changing the brain, and therefore, she motivated the audience to develop a passion for the teaching profession. She discussed the concepts of curriculum and syllabus. This module also projected the responsibility of a teacher to add a new body of knowledge to the existing one. Moreover, some interactive activities were performed during this session to discuss the impact and role of a teacher.



## 5: Training on “Teaching Philosophy and Characteristics of Best Teacher”

Government College Women University, Faisalabad organized two-day Faculty Development Training. In the kind patronage of worthy Vice Chancellor Prof. Dr. Robina Farooq, the session was conducted on Course Designing, Teaching Philosophy, Statement and Characteristics of Best Teacher, Academic Integrity (AI), and Lesson Alignment Strategies.

Chief Organizer / Incharge, Department of Botany GCWUF, Dr. Abida Kausar warmly welcomed all distinguished speakers, briefed the audience about objectives of the sessions, and

acknowledged the continuous support of Worthy Vice Chancellor Prof. Dr. Robina Farooq and guidance of Dr. Zill-i-Huma Nazli, Coordinator Faculty of Science and Technology, GCWUF for organizing this event. The convener of the event Dr. Irfana Lalarukh, Assistant Professor, Department of Botany GCWUF, formally introduced the resource persons of every session to the faculty and students.

The sessions started with Dr. Noreen Zahra’s elaboration of the importance and process of “Course Designing”. Her talk covered factors in designing course and syllabus, the relationship between objectives, assessment and instruction, organizing the material logically, and assigning simple to complex tasks to students to assess their gradual progress. Dr. Maham Siddique covered “Teaching Philosophy Statement and Characteristics of Best Teacher” in the second session. She talked about the key characteristics of a good teacher through Lowman’s 2-D Model of effective teaching.

The first talk of the second day was on Academic Integrity (AI). Dr. Maham Siddique briefly described its five fundamental values, i.e., honesty, trust, fairness, respect, and responsibility. She related these features to the concept of research ethics while avoiding plagiarism. In the second lecture, she discussed Lesson Alignment Strategies with the faculty. The main discussion points were backwards course design, learning objectives, and transparency. She emphasized using pre-assessment tools and explained various Classroom Assessment Techniques (CATs). Dr. Noreen Zahra reflected on SoTL Practices. She explained the importance of SoTL in identifying problems in teaching and research.

The enthusiastic participation of the faculty made the sessions lively and interactive.



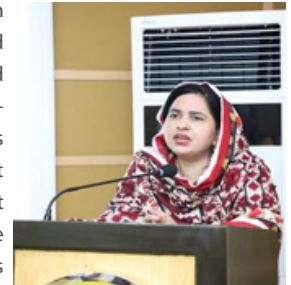
## 6: Training on "Partial Least Square Structural Equation Model"



Department of Commerce, Government College Women University, Faisalabad organized Faculty Development Training on 5th July 2022 in Video Conference Room, GCWUF. The theme of the training was "Partial Least Squares Structural Modeling (PLS-SEM) using Smart PLS-3". The objective of the workshop was to strengthen the faculty in different research-based techniques and data handling using specific softwares.

Dr. Nosheen Syed, Coordinator Faculty of Business and Administrative Sciences warmly welcomed the guest speaker, Dr. Shahnawaz Saqib, Assistant Professor in Department of Business Administration, Khawaja Fareed

University of Engineering and Information Technology, Rahim Yar Khan. He has a sound research profile on PLS-SEM. He shared his knowledge with the faculty enlightening them about PLS-SEM. Faculty Members of Department of Commerce, Department of Public Administration and Department of Business Administration attended the session. HOD Department of Commerce Ms Faiza Rehman thanked worthy Vice Chancellor GCWUF Prof. Dr. Robina Farooq for her kind patronage and vision to provide the faculty with chances of professional development.



## 7: Training on Incubation Management

Incharge ORIC, GCWUF and manager BIC, GCWU attended two-day training on Incubation Management at PCSIR, Lahore on 25-26 July 2022. The sessions were organised by Idea Gist team. The event was hosted by Pakistan Counsel of Scientific and Industrial Research, Lahore (PCSIR). Dr Farhat Jubeen, Incharge ORIC and Dr Nausheen Sayed, Manager BIC, attendee the training.

GCWUF is striving hard to equip its faculty with all essential skills to bring a dynamic change to the learning environment and uplift its standards for a bright future.





## 8: Training on “Presentation Skills”

Dr. Madiha Rohi from Department of Food Science and Technology, GCWUF delivered an excellent presentation on preparation and delivery skills in an effective presentation. She discussed importance of setting objectives and selecting a topic carefully, and techniques to deal with psychology of audience. She explained research of presentation, script writing, body of the script, summary

and conclusions and pattern of organization. She also elaborated the interest of the audience, how to contact with the audience, speaking style of the presenter, use of postures and gestures during lecture and finally how question and answering can be encouraged. Some latest tools of presentation preparation were also discussed like preparation and use of transparencies/slides, use of

visual aids and use of power point presentation. Coordinator Faculty of Arts and Social Sciences Dr Syeda Samina Tahira concluded the session with her valuable suggestions on the same topic. Director Academics Dr Zill-i-Huma Nazli also attended the session.



## 9: Training entitled “Preparation of Effective Question Papers for Quality Assessment and Critical Points for Paper Marking”

In continuation of the Faculty Development Trainings-2022, GCWUF organized a training session, entitled Preparation of Effective Question Papers for Quality Assessment and Critical Points for Paper Marking. Dr Sayeda Samina Tahira, Coordinator Arts and Social Sciences and Incharge Department of Education was the resource person for the training. Faculty members, head of departments and Coordinators of all faculties attended the session.

Dr Samina described the imperative role of quality assessment methods to uplift standards of quality knowledge transfer. She highlighted how quality

assessments can be designed to assess all types of students and also highlighted the fact that MCQs are being replaced by best choice questions (BCQs) for better assessment of students. How use of different terminologies during lectures deliverance can also broaden exposure of students and help them to attempt unseen exam questions. Faculty members had very interesting and fruitful discussion during the session, they discussed different experiences regarding behavior and tricky responses by the students. Chairperson Department of Chemistry, Dr Zill-i-Huma Nazli concluded the session with vote of thanks for Dr

Sayeda Samina Tahira.



## 10: Training Session on “MATLAB Software”

In connection with Faculty Development Training Program Government College Women University Faisalabad organized a session on MATLAB software. During first half of the session, Miss Ayesha Naz, the guest speaker from GCUF, delivered the

lecture on introduction and basic functions of software. Furthermore, in the second half, Miss Munazza Chaudhry, Visiting Lecturer Department of Mathematics GCWUF, talked about graphical representation of solution of ODE's by using

MATLAB. All faculty members and research students attended the session. Dr. Asia Rauf, Head of Mathematics department concluded the session on vote of thanks.



## 11: Training Session on “Redesigning of Teaching Techniques and Pedagogical Skills”

The GCWUF organized a three-day Faculty Development Training Program to provide an opportunity for the faculty members to redesign their teaching techniques and enhance their pedagogical skills. The guest speaker Muhammad Jawaid Aslam Bajwa, Ex-Controller of Examinations GCUF and Dr Muhammad Asif, Assistant Professor of English GCUF addressed the faculty members. Muhammad Jawaid Aslam Bajwa discussed importance and techniques of Time Management. He urged the faculty to use new smart pedagogical techniques and skills that would help to convey more information in less time. The second guest speaker delivered a talk on Academic Writing. He shed light on frequently occurring common errors

in writing.

On second day, the guest speaker Miss Tayyaba Ehsan, Lecturer University of Agriculture Faisalabad and teacher at RELO Pakistan's English Works Program Faisalabad, addressed the faculty members about the technological advancement in the field of teaching. The second guest speaker Miss Anam Ikhtiar, English Language Instructor and Lecturer at the University of Education Faisalabad, briefed the audience about the role of Virtual Gamification in developing critical thinking in students. The third guest speaker Miss Nisa Ali, English Language Instructor and Lecturer at the University of Education Faisalabad, updated the audience on the most recent tools of communication to be

used in language classrooms.

On third day, the Chief Guest speaker Prof. Dr. Mazhar Hayat, Chairperson Department of English GCUF, addressed the faculty members. Sharing his vast experience in the teaching field, he guided the faculty members on Professional Ethics. The second speaker Miss Qurratulain Najeeb Jamal, Lecturer English Department GCWUF, addressed the audience on a very concerning issue of students' psychology. The third speaker Miss Aqdas Khanam, Lecturer English Department GCWUF, addressed the audience about the importance of soft skills development. The training session ended on a note of thanks by the Head of the English Department Miss Saira Akhter.



## International Webinar on “Numerical semigroup Rings and Coin Exchange Problems”

The GCWUF organized an international Webinar in which Professor Jürgen Herzog, Emeritus Professor University of Duisberg-Essen Germany, delivered a lecture on the topic “Numerical semigroup Rings and Coin Exchange Problems”. Coordinator Science and Technology Dr. Zill I Huma Nazli, Director Quality Enhancement Cell Dr. Aasma Khalid, all the faculty members and students of the mathematics department attended the webinar. Dr. Zill, I Huma appreciated the in-charge mathematics department Dr. Asia Rauf and faculty members for organizing this webinar and encouraged them for more such events.



## Successful Review of Library and Library Automation Project:

HEC monitored utilization of funds and verified library record of Main Library at Government College Women University Faisalabad under the library support program (LSP) of HEC. For this purpose, Library Director Higher Education Commission (HEC) Islamabad, Mr. Muhammad Javed Iqbal visited GC Women University

Faisalabad on Friday, 5th November 2021. Dr. Zill-i-Huma (Convener Library Committee), Registrar, Treasurer, and Librarian welcomed him. Librarian Ms. Misbah Bashir briefed the honorable reviewer about utilization of books in the library. Mr. Iqbal appreciated the procedure of data collection and timely submission of utilization reports to the

Higher Education Commission. During the visit to the library he was impressed by the systematic arrangement of library books and project of library automation. He also met worthy vice chancellor Prof. Dr. Robina Farooq, and discussed various development and support projects in HEIs soon to be initiated by HEC.



## Art Exhibition:

Govt. College Women University Faisalabad organized an exhibition of art, craft and calligraphy where students of Associate Degree in Education exhibited their work on mirrors. The purpose of this activity was to boost up the creativity of the students and make them familiar

with the art materials and latest art, craft and calligraphy styles in the country. Dean Faculty of Social Sciences Dr. Syeda Samina Tahira and faculty members of the department of Education appreciated their students' effort.



# SDG-5 GENDER EQUALITY

## INTRODUCTION

Gender Equality is when individuals of all sexes have equivalent privileges, obligations and potential open doors. Everybody is impacted by Gender Inequality - women, men, transgender. It influences individuals of any age and foundations. We are in dire need of gender equality. It's fundamental for monetary success. Social orders that esteem women and men as equivalent are more secure and better. Gender Equality is a human right. Everybody benefits from gender equality.

### Projects:

#### Day Care Center of GCWUF:

Being a women university, Govt. College Women University comprises of female faculty members. With respect to retention of faculty members, university has established a "Day Care Center", as female faculty members have to face many

Gender inequality has been found as major factor for socioeconomic problems in developing countries. Gender inequality in admittance to education, has a strong connection to destitution. Many researches have showed that women's education is straightforwardly connected to the brought up of her children and smoothly survival of her family. The Human Development Index has accepted the literacy rate as indicator of development of any nation.

childcare problems during their job tenure. In this regard, University Day Care Center is a beneficial measure for the satisfaction of female faculty members. They can concentrate on their job duty when they are satisfied that their child is in safe hands. Consequently, it will boost up their

Universities can be strong organizations for promoting gender equality and consideration not only in higher education context but also in society. In this regard, Govt. College Women University Faisalabad is on the way of promoting gender equality by providing quality education to female students.

performance and they can grow themselves in every field of life.





## Project for Women Empowerment:

Rotary Club of Lyallpur had an interactive meeting with the Registrar of Govt. College Women University Faisalabad Asif A. Malik. In this meeting, projects on Women Empowerment and other strategies to empower women financially and emotionally in every field were discussed briefly.

A very fruitful discussion was done on Projects regarding E-commerce and how females of village area can be empowered.

Respected Registrar GCWUF Asif A. Malik appreciated all the efforts of RAC LYALLPUR and gave an absolute positive response on all the suggestions

proposed by Rotaract Club of Lyallpur. Projects on other avenues of Rotaract were also discussed. In the end President Rotaract Club of Lyallpur presented an End Polio Now pin to Worthy Registrar GCWUF. It was indeed a very fruitful and healthy meeting.



## Academic Activities/ Seminars:

### International Women Day:

International Women's Day was observed at GCWUF. Vice Chancellor GCWUF Professor Dr. Robina Farooq , Registrar GCWUF Asif Malik, Controller of Examination Dr. Rizwana Tanvir Randhawa, Dr. Syeda Samina Tahira, Professor Dr. Zill e Huma Nazli, Dr. Nosheen Syed, Dr. Rukhsana Baloch, and others were present. Worthy Vice Chancellor, Professor Dr. Robina Farooq encouraged the efforts of women in every field of life.



### Women on Wheels Program:

Interloop Limited and Salman Sufi Foundation have joined hands with GCWUF to bring the Women-on-Wheels program to Faisalabad and train 1000 females in 4 Cohorts / Batches on how to ride a motorbike/scooty over a period of one year. 1st Training session of Women on Wheel (WOW) at GC Women University Faisalabad started on 19-09-22. Director Student Affairs Ms. Asma Aziz welcomed the distinguished guests from the platform of DSA and Women Development Centre GCWUF. The respectable guests who attended the training camp on the 1st day included Mr. Salman Sufi – Founder of Salman Sufi Foundation and Special Advisor to

Prime Minister of Pakistan, and Mr. Musadaq Zulqarnain – CEO, Interloop Limited. Ms. Faryal Sadiq, Mr. Humayoun Javed Khan and Col. Ijaz Nasir also joined the ceremony from Interloop Ltd. Registrar GCWUF Mr. Asif A. Malik, Director Academics Dr Zill-i-Huma Nazli, and Treasurer Mr. Anser Mughal joined the guests at the camp. Salman Sufi Foundation distributed free helmets and t-shirts among all trainees. As part of this program, female participants will be provided free motorcycle training lessons, along with anti-harassment and road safety workshops. The workshops will prepare women for driving license testing post-training, as well as help them reclaim public spaces without fear.



## Workshop on Women Empowerment in Banking Sector:

Government College Women University, Faisalabad organized two training workshops with regard to women empowerment. The first session was on women empowerment resources in the banking sector. This session was conducted in collaboration with Bank Al-Habib. Ms. Afshan Habib, Zonal Business Manager at Bank Al Habib explained the need for and importance of gender equality in institutions and organizations. She insisted that women must impart their role in rising the horizon of our country to its new heights. She quoted a practical example of Bank Al Habib that has set an example in banking industry in hiring women on equality. Mr. Ijaz, the Area Manager briefly explained the products of bank Al-Habib to facilitate its female customers.

In the second session, Mr. Ashfaq Bukari, Deputy Director Women Development Department Lahore explained the Punjab Protection against Harassment of Women at the Workplace (Amended) Act, 2012 in detail. He shared the responsibilities of employees and employer separately. He advised to use this act in case of any problem. He gave a word of caution to use this act carefully, as he shared a demographic data that around 78% bogus cases were reported under this law. He suggested to organize more sessions in future to educate more staff and students time to time. The resource persons visited the Women Development Center at GCWUF after the technical sessions.

## Seminar on “Psychology of South Asian Women”

A seminar on “Psychology of South Asian Women” was organized by the Govt. College Women University Faisalabad in Jinnah Auditorium, to commemorate International Women’s Day 2022. Dr. Shazia Habib, Assistant Professor GCUF, enlightened the students on this year’s theme “Gender Equality today for a sustainable tomorrow”. Factors involved in the growth and productivity of women in South Asian Countries were discussed. Recognizing that women today are second to none and are as capable, if not more than men.

## Awareness Walk on “Violence Against Women”

A walk on awareness about Violence against Women was organized by Govt. College Women University Faisalabad. Violence against Women tends to have long-term multiple physical, sexual and mental consequences for women including death and it prevents women from fully participating in society. Different flexes and charts were made by students of Department of Sociology depicting Violence against Women as a grave violation of human rights and its occurrence in public and private places in many forms, ranging from domestic violence, sexual harassment, and physical assault to human trafficking. Different mechanisms to counter this issue were also shown through posters. Vice Chancellor GCWUF, Coordinator Arts and Social Sciences, HOD Department of Sociology, Faculty and Students joined the walk.



## Women Karate Championship:

Opening ceremony of All Pakistan University Women Karate Championship 2022-23 was organized by Government College Women University Faisalabad on Tuesday October 11, 2022 under the banner of Higher Education Commission at Crescent Sports Complex. Mr. Asif A. Malik, registrar GCWUF was the chief guest of the ceremony whereas Mr. Ansar Mughal, treasurer GCWUF was the guest of honour. Prof. Dr. Saeed Javed, Chairperson Department of Sports Sciences, GCUF was also the guest of honour for today's ceremony. They said that not only men but also women should participate in such competitions. Competition was enthralled by participation of 13 challenging teams across Pakistan, including Karachi and Lahore. The competitors were appreciated for their extraordinary command over their skill. The event received much appreciation and honour by guests.



mentorship, the importance of cultural exchange, and ways to promote gender equality in leadership positions. Dr. Ambreen Usmani, Dr. Sajida Zaki, Prof Dr. Robina Farooq, Dr. Anooosh Khan, Dr. Saiqa Imtiaz Asif, Dr. Fareeha Armughan, and Dr. Sayma Zia are few of the prominent figures from Pakistan who have been active members of the training.

The training program ended on a ceremony at the University Club of Michigan State University to bid farewell to this extraordinary group of women. The Vice Chancellor GCWUF and all other wonderful women pledged to do great things and use the strategies they have learned from the experience of Michigan State University which can be practiced in Pakistani HEI. It will help to inturn train the future Women leaders of Pakistan.

## Seminar on "Women in Nuclear Science and Technology"

Vice Chancellor GCWUF Prof Dr Robina Farooq (T.I) as chief guest attended a seminar organised by Pakistan Nuclear Society in collaboration with Nuclear Institute of Biotechnology and Genetic Engineering, Faisalabad titled as Women in Nuclear Science and Technology. Dr. Samina Iqbal, Head SEBD- NIBGE, was the chief organizer of the event. Faculty members, researchers and students from different Universities of Faisalabad and research institutes participated in the seminar. Dr. Uzma Maqbool, DCS, Head Animal Science Division presented a brief overview of her nuclear research regarding biomedical applications and shared the plan of seminar with the participants. Dr. Shahid Mansoor (S.I) director general NIBGE delivered

welcome address to all the aspirant emerging and experienced scientists and highlighted the importance of nuclear research in the field of agriculture and biomedical applications. Rt Dr M Tahir Khaleeq, Former DG NPE portrayed an overview of endeavors of PNS with encouraging remarks for the young women to take Nuclear Science as dare. Vice Chancellor Prof Dr Robina Farooq (T.I), Chief guest of the seminar highlighted the latest trends in scientific research directing towards research in artificial intelligence reaching to the heights, asteroids exploring the universes and her own scientific achievements of conversion of Molasses into low cost highly compatible cartilage material, transformation towards modern building materials to avoid corrosion, wear and tear. She appreciated the efforts of PNS and NIBGE for organizing the seminar. Worth the Vice Chancellor was awarded with a shield as a memento.

The technical sessions included talks of Dr. Saeeda Asgher, Former DG & Advisor to PAEC "A journey from WIN global to WIN Pakistan", Dr Rakhshanda Bilal, Former DG PEAC talked about Isotopic Techniques in Life Science Research, Ms Abida Khatoon, Former Director PNRA and Safety Specialist IAEA delivered a talk on Women in Nuclear all around the World, Dr Saira But, Head IAD talked about Applications of Nuclear Techniques in Hydrology, environment & Industry, Ms Nazeen Kausar, DCE Head Electronics Division (ED) PINSTECH and Dr Faiza Zareen, delivered talk on Hijaama/Cupping Therapist. The participants keenly listened to all wonderful speakers. There was a detailed question answer session at the end.





## 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	

## Webinar on “Women as Public Administrator”

Bureaucracy is an essential mechanism cum system for the effective functioning of any state system. It provides continuity in management and governance of public affairs. Women are streamlined in administrative services even if they are meritorious and competent enough as men have been holding so called plump postings and rarely women get Government College Faisalabad organized a as Public Administrator” Coordinator Faculty of administrative sciences talked about the status Pakistan and focused on Fatima, Assistant students, its role in gov-



for years together such postings.

Women University Webinar on “Women on 27-10-2022. Management and Dr Nausheen Syed of Bureaucracy in

its importance for Female students. Then main resource person Qandeel Commissioner Chakwal, talked about prospects of Bureaucracy for female ernance and effective management of the Public Affairs. She said that a



# SDG-6 CLEAN WATER & SANITIZATION

## INTRODUCTION

Water is a phenomenal and important source. It is an essential to human prosperity, sanitization, food creation, transportation, energy creation and considerably more. Water pollution and lack of water is a critical issue in the country. GCWUF is made plans to focus in on this enormous issue of public level. Consistent allocates are passed on to propel the situation. New wash rooms are created and water plants are acquainted with give better sanitization conditions. Involved Preparing Studio

on Cutting edge Water Quality and Protection Advances are similarly organized to include 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 peroxidases 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.

## Working 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, 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. 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. Membrane of one ton R.O plant was changed recently.



By the time chemical analysis is done by a well reputed company (AQUA 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 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.



## Commercialization 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, Prof. Dr. Zilli-Huma Nazli, Director Academics GCWUF, Coordinators and faculty members attended the ceremony. Prof. Dr. Robina Farooq (PI 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 honor. 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 commitment of the Vice Chancellor with the research and uplifting the university to international standard.



## Academic Activities/ Seminars:

### World Water Day:

A Seminar on World Water Day has been celebrated by the Govt. College Women University, Faisalabad. Professor Dr. Robina Farooq, Vice Chancellor GCWUF was invited as chief guest. All Heads of departments, faculty members and students attended the seminar. Chief guest appreciated the efforts of the organizing department to organize such a beneficial event. She said that understudies' right of clean water is the human right and there should not any compromise on it. Students have a right of healthy environment with clean water and sanitization system. Lack of these factors can affect the organizational performance. She made sure that there will be no compromise on purification of water. A clean water and sanitization system is the major priority of her organization. The university will try its best to provide a healthy environment to its students as well as faculty members.



# 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:

Project Digest: Water borne diseases like hepatitis, cholera, typhoid, giardiasis 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 alarming 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 set out to hold great work conditions to achieve best yield of its agents inciting money related advancement of country. It tries to give comparable potential outcomes to all laborers to achieve significance in their relevant particular subject. The establishment ensures social consistency, pay scale worth, and similarity of work hours by giving position prosperity to delegates and obliterating sexual direction pay opening.

### Pay Scale Equity:

The university is dedicated to eliminating gender inequality. Regarding gender equality in terms of pay scales and compensation, it takes a clear stance. In terms of salaries and pay scales, the university provides equal chances to all personnel in the teaching and non-teaching areas. At GCWUF, there is no gender pay gap and no discrimination based on socioeconomic background, race, ancestry, or gender.

### Rejection of all forms of Modern slavery:

The GCWUF is dedicated to advancing the struggle against child labour, modern slavery, forced labour in general, and human trafficking in particular. It firmly supports the application of all fundamental rights and values at the workplace for all employees. GCWUF completely forbids hazardous labour for anyone under the age of 14 in accordance with Pakistan's Employment of Children Act, 1991. This dedication is reflected in the accepted age limit requirements set forth in University Service Statutes for all categories of non-teaching recruitments. No one under the age of 18 may apply for any university non-teaching position.

The vulnerability in the supply chain has come to the attention of the university. In order to do this, the university ensures that there is no risk of modern slavery along the supply chains of the major suppliers in the priority areas, such as lab supplies, infrastructure, and electronics. The university makes sure that procurement firms made explicit claims regarding their anti-slavery methods. The university also provides a clear example of how workers are empowered with information and protection of their labour rights when employing services from outside contractors for building, construction, cleaning, food catering, and water disposal management.

### Academic Activities/ Seminars:

#### Conference on "Paradigm Shift in Higher Education-Hackton Planning for Future"

Vice Chancellor Government College Women University Faisalabad Prof. Dr. Robina Farooq (T.I) attended the three-day All Punjab Universities Vice Chancellors Conference on "Paradigm Shift in Higher Education-Hackton Planning for Future" held at Kohsar University Murree on Friday, 30 September 2022. Honourable Governor Punjab Muhammad Baleegur-Rehman inaugurated the conference. The conference was attended by Chairman Higher Education Pakistan Dr. Mukhtar Ahmed, Chairman Higher Education Punjab Dr. Shahid Munir and vice chancellors of public and private universities of Punjab. The technical sessions consisted talks on energy crisis, food security, climate change, recent floods, IT technology, agriculture, drug eradication, character building of students and women empowerment. They considered all these factors are essential for the economic growth.



## Seminar on “Eradication of Beggary”

A Seminar on the Eradication of Beggary /Beggar Mafia has been organized by Govt. College Women University Faisalabad as increase in professional beggary has become a serious issue of our society and economic growth. Mr. Ijaaz Aslam, District Officer and Ms. Rubina Iqbal, Child Protection Officer from Child Protection Bureau Faisalabad were the guest speakers of the event. They shared information about the initiatives taken by their departments to eradicate beggary from our society. They also offered the opportunity of internship to the students of GCWUF in order to provide awareness about economic growth and removal of beggary system which a major drawback of growing economy.



## An Online Session entitled “Investors”

An online Investor Awareness Session has been organized by the GCWUF. HOD Department of Commerce introduced the guest speaker Mr. Sarmad Hussain, Regional Head of Pakistan Stock Exchange. Mr. Hussain gave an overview of the importance of savings and financial planning, stock market ecosystem, basics of fundamental and technical analysis, the historical performance of KSE-100 index in comparison with assets classes, selection of a security broker, and do's and don'ts in Stock Market. He suggested that the students might visit the Pakistan Stock Exchange to enhance their practical exposure where they can avail the opportunity to meet brokers who trade their stocks at the directions of financial investors. In the end, the Coordinator Faculty of Management Sciences shared her valuable comments related to the investor's awareness session. Faculty, as well as students of Commerce, Business Administration, Public Administration, and Economics department, attended this awareness session.



## “Economic Cooperation Organization Award”

VC GCWUF Prof. Dr. Robina Farooq (T.I) is the First Female Pakistani Scientist to receive ECO Excellence Award 2021. The Vice Chancellor Prof. Dr. Robina Farooq (T.I) has been bestowed with the ECO Excellence Award 2021 in the field of Agriculture and Environment by the Economic Cooperation Organization (ECO) Secretariat in their 15th ECO Summit held in Ashgabat, Turkmenistan. She is the only Pakistani Scientist, who is conferred with the prestigious ECO Excellence Award for the year 2021. It is a tremendous honor for GCWUF and for Pakistan to win this international award. The Winners of the ECO Award were selected by the Heads of the Member States during the 15th ECO Summit, which took place in Ashgabat on 28 November 2021. Prof. Dr. Robina Farooq (T.I) is the first ever female scientist who has received this award. Prof. Dr. Robina Farooq (T.I) is one of the leading scientists of Pakistan whose impactful research and scientific knowledge has been acknowledged not only nationally but internationally as well. Her major focus is the conversion of field

waste into products. During her professional career, United States patents, Pakistan patents & trademark were granted. Her prominent contributions are the conversion of field waste to electricity, production of sugar waste into polymers, removal of metals from agriculture land; improvement of industrial processes; recovery of precious materials from industrial toxins; and designing of drinking water biological filters for farmers.

Under her dynamic patronage as VC, GCWUF and with the support of her team, number of targeted goals have been achieved.

In recognition of her services, various national and international prestigious awards were conferred to her in the past as well. Some of them include Civil award, Tamgha-e-Imtaiaz, Best Innovator Awards, Best University Teacher Award, International Award of excellence in Material Science (Sweden), BASF Award (China), and numerous other awards.



# SDG-9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

## INTRODUCTION

Infrastructure resilience, inclusive and sustainable industrialization, and innovation are all goals of development. To achieve this purpose, GCWUF is strengthening its ties with numerous industries to advance the abilities of its students in reaching significant milestones in innovation and infrastructure at the local, state, national, and international levels.

### Project:

“Synthesis of Biopolymer using Molasses of Sugar Industry” is the Project of Vice Chancellor Govt. College Women University, Faisalabad.

### Academic Activities/ Seminars:

#### Exhibition of IT FY Project:

Government College Women University Faisalabad organized IT Final Year Project Exhibition. Patron in chief, Vice Chancellor GCWUF Prof. Dr. Robina Farooq (T.I.) inaugurated the event. In Coordination of Dr. Zill-i-Huma Nazli, Coordinator Faculty of Science and Technology and under the supervision of Ms. Suneeza Hamid, In charge IT, the students of BS (IT) final semester and MSc (IT) final semester presented their developed hardware projects, android applications, and websites to Worthy Vice Chancellor. Students developed IT projects to meet UN SDG-9 “Industry, Innovation, and Infrastructure Goal”. Faculty members, students of the Information Technology Department, Incharges of other teaching departments, and students of GCWUF visited the IT FYP Exhibition 2022. The exhibition ended with the appreciation by the

Worthy Vice Chancellor Prof. Dr. Robina Farooq (T.I.) She stressed the need to encourage students to market their projects and become establish their own businesses. Coordinator Faculty of Science and Technology also appreciated students’ efforts. The exhibition led to a certificate distribution ceremony.

**GCWUF 1st Position**  
Among Women Universities of Pakistan  
2021

**One Day "Final Year Project Exhibition 2022"**

**Patron in Chief**  
Prof. Dr. Robina Farooq (T.I.)  
Vice Chancellor, GCWUF

**Patron**  
Dr. Zill-i-Huma Nazli  
Coordinator  
Faculty of Science and Technology, GCWUF

**Incharge IT, GCWUF**  
Suneeza Hamid

**Projects Categories:**

- Hardware Projects
- Android Applications
- Web sites

**Venue**  
IT Lab B1-3, BS Block  
10:00 AM to 2:00 PM

**Day/ Date**  
27-06-2022, Monday

Department Of Information Technology  
Government College Women University Faisalabad



## Raast Ambassador Certification for students of GCWUF:

It is a matter of immense pleasure that the State Bank of Pakistan has offered Raast Ambassador Certification for students of GCWUF. Raast is Pakistan's first instant payment system that enables end-to-end digital payments among individuals, businesses and government entities instantaneously. It aims to address some key industry challenges within the payment ecosystem i.e limited interoperability, high cost of digital payments to the end user, poor user experience, and lack of security. To promote this system, State Bank of Pakistan has recently launched Raast Ambassador Certificate scheme. The Directorate of Student Affairs organized its first Ambassador Certificate Ceremony at GCWUF on 10th August 2022. Student ambassadors of GCWUF worked hard and prepared around 3014 Raast IDs. In this ceremony, students received their stipend and certificates. Vice Chancellor, GCWUF Prof. Dr. Robina Farooq was the Chief Guest of the event. Mr. Akbar, Deputy Chief Manager SBP attended the event on behalf of Chief Manager, Mr. Sarfraz Nadeem. Worthy Vice Chancellor appreciated the role of SBP especially of Mr. Akbar and Ms Asma Aziz, the Director Student Affairs in engaging students of the university in skill development and entrepreneurial programmes. In the end certificates were distributed among the internees of the said program.

## Pakistan Industrial Expo:

The Vice Chancellor GCWUF Prof. Dr. Robina Farooq (T.I) attended 6th Pakistan Industrial Expo 2022 as guest of honour. The University of Sargodha in the leadership of Prof Dr Qaisar Abbas, the Vice Chancellor, and Everest International Expo arranged this mega event. Over 120 top Chinese industrial manufacturers will participate in the industrial Expo 2022. 6th Pakistan industrial Expo

Gala Dinner at Nishat Lahore last night hosted by University of Sargodah in the leadership of Prof Dr Qaisar Abbas, the Vice Chancellor. The event was attended by Vice Chancellors of various universities of Pakistan, Directors, academicians, delegates from China, civil society representatives and members from media industry. The academic excellence award shields were bestowed to highly acknowledged VCs, Directors, Registrars, Diplomats and members of civil society. Registrar GCWUF Mr Asif A Malik declared it his privilege to be among finest academicians in Pakistan, including Chancellor GCWUF – Govt College Women University, Faisalabad Prof Dr Robina Farooq, worthy Director CUI Prof Dr Saleem Farooq Shaukat, Prof Dr Asghar Zaidi Vice Chancellor GC University, Lahore (GCUL), Prof Dr Talat Pasha the Vice Chancellor University of Education Lahore and Prof Dr Qaisar Abbas the Vice Chancellor University of Sargodah who hosted the grand event.



# SDG-10 REDUCE INEQUALITY

## INTRODUCTION

GCWUF is dedicated to implementing SDG 10, or “Reducing Inequality,” successfully. The university firmly advocates giving every segment of society equal opportunity for growth. The foundation adheres to a non-discriminatory philosophy and disregards distinctions based on cast, race, religion, socioeconomic status, territorial affiliations, and physical disabilities. It promises to adopt strategies and routines that promote communication and eliminate inequity.

### Admission Policy:

The GCWUF admission policy is non-discriminatory and offers all female candidates the opportunity to enroll in all degree programmes that are offered at GCWUF, regardless of caste, religion, political affiliation, marital status, economic situation, disability, race, color, and ethnicity. However, because the university is particularly committed to meeting the educational requirements of women, admission is only available to female students.

### Academic Activities/ Seminars:

#### Inter-departmental cricket championship 2022 (Male, Female):

The Directorate of Sports is actively involved in reducing class distinctions based on economic and racial differences and giving all students an equal opportunity to participate. Similar to this, matches are scheduled for the blue collar workforce during sports week to give them an equal opportunity for enjoyment and recreation. Additionally, this helps everyone live a healthy lifestyle.

#### GCWUF Policy for all Stakeholders with Disabilities:

According to GCWUF, institutions have a fundamental responsibility to provide people with disabilities with the environment they need to flourish as contributing members of society. People with disabilities are fundamental components

of society. At GCWUF, physical limitations never prevent students from pursuing an education. All qualified applicants may apply for admission to universities based solely on merit, regardless of any physical limitations. Additionally, Higher Education Commission Islamabad has created a complete policy for Disabled students for Universities and Higher Education Institutions. GCWUF has adopted this policy with the intention of giving disabled students the greatest academic chances possible. The university also complies with all instructions and directives periodically issued by the governments of Pakistan and Punjab regarding the establishment of a special admissions quota for candidates with disabilities and the hiring of individuals for teaching and non-teaching positions at the university. All required support services are offered on campus to assist students with disabilities. For the convenience of students with disabilities, special sloppy routes have been built in all academic departments, labs, libraries, and auditoriums.



## Day Care Facility for all Employees:

Regardless of size, gender, or religious minority, GCWUF provides DCC facilities for the children of both male and female employees. Without exception, all amenities are made available to children. The mothers at GCWF are now greatly relieved, making it one of the top university day care facilities in Faisalabad. GCWUF has made every effort to make it easier for its faculty to take care of their children, and has therefore been able to satisfy moms.

## GCWUF Policy for Minorities:

As a defender of fundamental human rights, GCWUF has a very specific strategy for dealing with religious minorities. It supports the defence of minorities' fundamental rights and maintains that suitable provisions must be made for them so they can advance socially and culturally. When it comes to the fixation of the minority quota in admissions and recruitments, the university abides by all policy directives and instructions received from the provincial and federal governments. In addition to this particular quota, minorities are given a fair opportunity to apply for admission to any degree program offered by the university or to apply for teaching and non-teaching recruitments based on open merit, provided they meet the required qualifying requirements. The Vice Chancellor, high officials, teachers, and students enthusiastically join in celebrations of their religious and social festivals in order to show unity to the employees who belong to religious minorities.

## Gift Ceremony on Christmas Day:

Govt. College Women University Faisalabad, distributed the gifts among the employees of Christianity religion. Vice Chancellor, Professor Dr. Robina Farooq congratulate them on their event of Christmas. Director Anjuam Cloth, Mr. Naseer Yousaf and Tanveer Riaz, General Secretary were present on the occasion.



# SDG-11 SUSTAINABLE CITIES AND COMMUNITIES

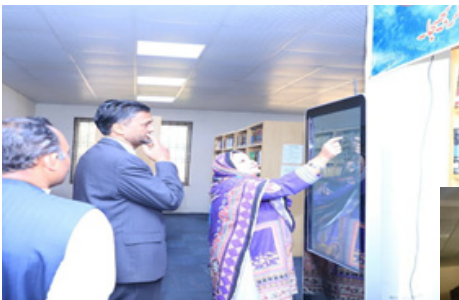
## INTRODUCTION

Universities are the key locations for Pursuing the SDGs because of their training, research and outreach capabilities as well as their capacity to carry out sustainable actions, contribute to promoting Sustainable Cities and Communities. Government College Women University is playing a great role for the accomplishment of SDG-11 i.e., Sustainable Cities and Communities.

### Projects:

#### Open access of Library for all:

Government College Women University has established a library in order to facilitate the students as well as local community for educational and research purposes. The facility of Digital Library is available at the official website of the university as free access. It will help the local community to grasp the new ideas (from books and publications) which are helpful in promoting sustainable cities and communities.



## Residence Facility at GCWUF:

Government College Women University Faisalabad provides the residence to its faculty belonging to other cities. All basic needs of residence of faculty as well as of students are being fulfilled at GCWUF.



## Academic Activities/ Seminars:

### Exhibition of Cultural Art and Fashion Display for local community:

Government College Women University Faisalabad has organized an exhibition of art for students as well as for local community at its campus. Many students and outsiders attended this event and appreciated the efforts of the GCWUF for promoting the cultural art by this exhibition. Furthermore, a fashion display was also organized by GCWUF which was a very informative event in the era of culture and modernism.



## Seminar on “Seventy-Five Years of Urdu Journalism”

A seminar entitled “Seventy-Five Years of Urdu Journalism” was celebrated at GCWUF on the occasion of 75th Independence Day (Diamond Jubilee). The Vice Chancellor GCWUF, Professor Dr. Robina Farooq elaborated the importance of the event. Dr. Jaleel Ali (T.I) was invited as guest speaker and he emphasized to grow up as a nation by implementing the cultural activities.



## Celebration of Pakistan Day:

Government College Women University Faisalabad organized flag hoisting ceremony on the occasion of 75th Independence Day of Pakistan. The event was organized by the Directorate of Student Affairs GCWUF. Vice Chancellor Professor Dr. Robina

Farooq (T.I), Registrar Asif Academics, Treasurer, coordinators, directors, heads, and teaching and staff participated in the started at nine o'clock After the march past anthem, prayers were country's security and the students sang songs beloved homeland and



A. Malik, Director Controller, all departmental non-teaching ceremony which in the morning, and the national offered for the prosperity. Later, of love for the a cake was cut in



celebration of Pakistan's Diamond Jubilee. In a special message, the Vice Chancellor emphasized everyone to strive for the development of the country by investing efforts on personal level to attain a progressed country. The event ended on an on-campus plantation of various trees to keep our environment



## Kashmir Solidarity Day:

The GCWUF under instructions of the government of Punjab, observed Youm-e-Istehsal-e-Kashmir display solidarity of the Pakistani people with our Kashmiri brothers and sisters. This black day in the history of the world reminds us of India's unilateral illegal actions of the military siege and communication black-out in Kashmir since 5th August 2019. All administrative, teaching staff and students observed a one-minute silence at 9 am. They raised slogans in favour of Kashmiri people and demanded from India to withdraw its illegal annexation.

Coordinator Faculty of Arts and Social Sciences Dr Syeda Samina Tahira, Coordinator Faculty of Humanities and Languages Dr Rukhsana Baloch, Treasurer Mr. Ansar Mughal, and other administrative and teaching heads participated in the Kashmir Solidarity Walk. All participants of the walk, passed the resolution by raising their hands against Indian atrocities in Kashmir. They rejected India's travesty of law & justice, urged the international community, human rights and humanitarian organizations and the international media to play its role in exposing the state terrorism and also ensure a free and impartial plebiscite.



# SDG-13 CLIMATE ACTION

## INTRODUCTION

The government of Pakistan is putting a lot of emphasis on the climate change, which is having an impact on the entire planet. To combat the global warming that is hurting the entire planet, the Pakistani government has started a billion tree campaigns. In this initiative to improve the local environment, GCWUF has also taken part. The GCWUF has initiated a number of campaigns in this regard to address the effects of global warming.

### Academic Activities/ Seminars:

#### GCWUF Plantation Drive

In connection with Diamond Jubilee Celebrations of Pakistan, GC Women University Faisalabad conducted in-campus plantation on the day of celebrations of independence. Vice Chancellor Prof. Dr. Robina Farooq (T.I) inaugurated the plantation activity by planting Palm tree in front of Admin Block, GCWUF, followed by registrar, Director Academics, treasurer, controller, and all coordinators. Worthy Vice Chancellor appreciated the efforts of the Department of Botany for this noble cause. Saplings of Terminalia, Conocarpus, Palm and Gulmohar trees were planted at various points within the vicinity of University.



#### Workshop on “Bio Risk Management”

One Day Workshop on Biorisk Management was successfully organized by Government College Women University, Faisalabad in collaboration with Pakistan Biological Safety Association and Chughtai Healthcare. About 100 people participated in this workshop from different disciplines including Biochemistry and Chemistry. We have trained the students of BS, Biochemistry. It was an excellent effort and we received a very positive and enthusiastic feedback from all the participants. They asked for more workshops in future.

The event formally started with the welcome address of Dr Salma Shahid, Incharge, Department of Biochemistry, GCWUF and remarks of Dr. Zill-i-Huma Nazli, Coordinator Science and Technology, GCWUF. Followed by introduction of PBSA, Mr. Zia Ashraf, who motivated the young researchers to become part of it. Then, there was a lecture session delivered by Mr. Zia Ashraf and Dr. Muhammad Usman Qamar on Biological Risk Assessment and Laboratory Acquired Infections, respectively. Afterwards, the participants were split into five groups for parallel practical sessions according to designed Agenda. Practical sessions were delivered by Dr. Akhtar Hameed, Mr. Abdul Waheed, Mr. Awais Ali and Dr. Sadia Aslam. Each session was conducted very well and participants were fully engaged. All the facilitators were serving with full devotion

and enthusiasm. The participants were asking questions curiously and participating in volunteer activities actively. The main purpose of this workshop was to spread awareness among participants regarding their safety and environment safety while working in Laboratory with harmful plant/ animal pathogens keeping in mind concept of Biorisk Management. At the end of the day, certificates of participation and appreciation were distributed among resource person, organizers, facilitators and participants. Overall, this workshop was a significant success in Faisalabad.



## Inauguration Ceremony of Bio Diversity Park:

The Venerable Governor of Punjab and Chancellor GCWUF, Chaudhary Muhammad Sarwar, inaugurated "Chaudhary Muhammad Sarwar Bio-diversity Park" in new campus of GCWUF. On this eventful day, Governor Punjab Chaudhary Muhammad Sarwar commended highly Vice Chancellor Prof. Dr Robina Farooq and her team for their untiring effort to make this day a huge success. In Islam, plantation has been given great significance as it is essential for the life cycle. Chaudhary Muhammad Sarwar Bio-diversity Park is actually an initial step towards Prime Minister Imran Khan's program of "Green and Clean Pakistan". The people of the town will get employed as a result of the establishment of this Park. GCWUF has set an example for the other educational institutes to combat air pollution and environmental change. Governor Punjab Chaudhary Muhammad Sarwar urged other institutes of Punjab to follow the commendable services of GCWUF in this regard. He also acknowledged the leadership skills of Prof. Dr Robina Farooq and termed the inauguration of Bio-diversity Park as a positive advancement towards an increase in tourism. The establishment of this Park is a laudable

step to safeguard variegated species of animals and its resultant vibrant cultural and aesthetic impact will come out with the passage of time. The Vice Chancellor Prof. Dr. Robina Farooq thanked Governor Punjab Chaudhary Muhammad Sarwar, Parliamentarians, members of the civil society, faculty members and students whose collective endeavor has made this dream of Bio-diversity Park a reality. The Vice Chancellor Prof. Dr Robina Farooq also intimated Governor Punjab Chaudhary Muhammad Sarwar regarding other ongoing projects. The Chancellor Chaudhary Muhammad Sarwar was overjoyed to hear all this and he affirmed to solve all the issues of GCWUF and also expressed his sincere wishes for the university staff and students and for the progress of Pakistan in all fields of life.



## World Environmental Day:

Govt. College Women University Faisalabad has celebrated the World Environmental Day. World environment day is the most legendary day for environmental activities. Since 1974, it has been celebrated every year on 5th of June and aims to engage the people from various communities and sectors worldwide for the wellbeing of our planet earth.

The theme of this year's (2022) celebrations is "Only One Earth" calls for transformative changes to policies and choices to enable cleaner, greener and sustainable living in coherence with nature.

Feeling the importance and need of this day the Department of Botany, GC Women University, Faisalabad in collaboration with Green Youth Movement organized a walk on 07 June 2022.

The chief guest of the event Bilal Feroze Joiya (CEO FWMC), Muteeb Virk

(Manger Communication) as well as Mr. Ziaulmunim, Jafar Hussain, Ali Imran and Muhammad Usman has joined the walk in front of Administrative Block with Prof. Dr. Robina Farooq, Vice Chancellor GCWUF, Heads of various teaching and administrative departments including Mr. Asif A. Malik (Registrar), Dr. Zill-i-Huma Nazli (Director Academics and Coordinator Faculty of Science and Technology), Dr. Syeda Samina Tahira (Coordinator Faculty of Arts and Social Sciences), Dr. Nousheen Syed (Faculty of Management and Administrative Sciences), Dr. Rukhsana Baloch (Faculty of Humanities and Languages), Ms. Asma Aziz (Director Students affair) and Dr. Abida Kausar (Incharge, Department of Botany) and students of Botany department participated in the walk.



## Cleanliness Drill:

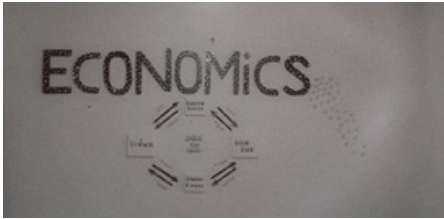
GCWUF initiated the cleanliness drill in order to maintain the clean environment at its campus. A clean environment is one that is void of any form of pollution and its effect. Environment cleanliness is the key to endurance and survival of life on earth. Sustaining a clean environment reduces pollution, preserves our biosphere, shields endangered species and also helps to maintain the earth's natural resources. The state of cleanliness represents the mindset of that society. In the organizational perspective, a neat and tidy workplace depicts a healthier, competitive, growing and prosperous place.

So, feeling the need of time under the directions of Worthy Vice Chancellor GCWUF Prof. Dr. Robina Farooq and subsequently Dr. Zill-i-Huma Nazli, Director Academics and Coordinator Faculty of Science and Technology Department of Botany GCWUF observed in campus cleanliness day on 7th of June 2022. Faculty members and students of Botany Department showed great enthusiasm in this activity and made various points litter free in the vicinity of campus.



## Recycling Week:

Govt. College Women University Faisalabad organized Recycling week. The main objective of the event was to create awareness among the students towards usage of the waste material. The efficient use of resources will lead toward environmental sustainability. The students of all BS semesters took part in this activity and created many useful things with the help of waste materials like used assignment pages, newspaper, plastic spoons, water bottles and many other things.



## International Conference on “Recent Trends on Environmental Sustainability”

Vice-Chancellor Government College Women University Prof. Dr. Robina Farooq attended the International Conference “Recent Trends on Environmental Sustainability” as chief Guest at Comcast University Islamabad Vehari Campus.

Prof. Dr. Robina Farooq while addressing the conference said that the unsustainable use of toxic chemicals, sprays and fertilizers in the field of agriculture is causing pollution of the land and many other problems. We have to overcome these problems by using the basic methods of nature. She added

that it is very attractive that students seek to solve complex environmental issues. Listening to international researchers and asking questions directly to them is enhancing students’ abilities. We have to understand that the solution to environmental problems lies in being close to nature. She added that in today’s world, international research shows that positive climate change is possible through Nanocrystals, resins, and collagen. If we have to find a solution to any problem then we have to do research on nature and DNA. She appreciated the interest of students in modern research and expressed good wishes for a better future nutritional



## Climate change disaster: Management to uplift the susceptible scenario in our region.

GCWUF organized an awareness seminar entitled: Climate change disaster: Management to uplift the susceptible scenario in our region. The seminar was conducted on October 20th, 2022. The theme of the seminar was to aware our students and audience about the impact of climate change in our environment such as flood, earthquake and other natural disasters. In Pakistan, when nation has to face such kind of unexpected situations, we are unable to fight against water scarcity and pollution, which has become a major issue after deteriorating impact of climate change. Therefore, its need of the time to let our audience know the impact of climate disasters. Dr. Salma Shahid, Incharge of the Department organized this seminar for students and faculty members of Government College Women University Faisalabad. Dr Kausar Perveen, Assistant Professor, Department of Biochemistry inaugurated the seminar with the name of Allah Subhan-wa-Tallah and Naat Rasool-e-Maqbool. She welcomed all the honorable guests, faculty members and students. Prof. Dr Khalil-ur-Rehman, Head of Department Biochemistry, Riphah International University Faisalabad Campus gave detailed description of Climate disasters

in the light of Science, Environment and our future concerns about its susceptible scenario. He told us about atmospheric regions, different factors effecting climate change and specifically elaborated the role of water in life of living organisms with reference to the qur'anic verses and scientific discoveries. Moreover, Dr Muhammad Sanalluah described the factors influencing the environment. He explained the impact with the help of experimental examples from our surrounding environment and specially from our region. He focused specially on flood situations of Pakistan and our nations capacity to rebuild from these circumstances. The event was also attended by the Dean, Faculty of Science and Technology, Dr Zill-i-Human Nazli, GCWUF. She enlightened the importance of awareness programs related to environmental disasters and management to control them. She also added that it's our duty to educate our students how to clean our environment , save water, avoid pollution etc., Being the female university it is our foremost duty to educate the female because they are responsible for the education of the nation. At the end of the seminar, the guests were awarded with souvenirs and seminar ended with the vote of thanks from the Incharge of the Department Dr Salma Shahid.vicinity of campus.

**One Day Webinar on**  
**“Climate change disaster: Management to uplift the**  
**susceptible scenario in our region”**

On  
 October 20, 2022

**Patron In Chief:**  
**Prof. Dr Rubina Farooq,**  
**Vice Chancellor, GCWUF**

**Guest Speaker:**  
**Prof. Dr Khalil Ur Rehman,**  
**HOD Department of Biochemistry,**  
**Riphah University**

**Guest Speaker:**  
**Dr Muhammad Sanaullah**  
**Institute of Soil & Environmental Sciences**  
**Faculty of Agriculture, UAF**

Organized by  
 Department of Biochemistry, GC Women University Faisalabad

# PARTNERSHIPS FOR THE GOALS

## INTRODUCTION

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

### Academic Activities/ Seminars:

#### One Day Webinar on “Problems and Challenges in Implementing the SDGs in Higher Education Institutes”

Government College Women University Faisalabad (GCWUF) has conducted a Webinar on the topic “Problems and Challenges in Implementing the SDGs in Higher Education Institutes” on November 8th, 2022. The session was started in the name of Allah (the most merciful and beneficial). Dr. Aasma Khalid, Director Quality Enhancement Cell GCWUF, started the session by introducing the guest speaker, Dr. Muhammad Haroon Khan, Associate Professor in Health Sciences/Director ORIC/Team Lead SDGs Accelerator & Local Challenges Research Lab, City University of Science and Information Technology, Peshawar for this very important and informative session.

All the HoDs, Heads of Administrative Departments, Faculty members of GCWUF and more than 100 members of other institutions were the participants of this session. Dr. Muhammad Haroon Khan briefed all the participants about the current challenges and issues that are faced by the Higher Education Sector in implementing the SDGs at their institutes. To counter the issue with regard to the SDGs, 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 mandate to ensure early nationalization of SDGs.

Further, he elaborated that if the SDGs to be truly successful at a global scale, universities need to become champions of sustainable development and play a leading role in the implementation of the SDGs. The scope of Sustainable Development Goals is very much vast and shelters almost all the Disciplines which are being studied at various Universities. By enforcing SDGs in our various disciplines, we will be able to rank our institution among the various other institutions internationally. This will also help us in achieving the National Vision 2025 of Pakistan and UN Agenda 2030 globally.

After the completion of lecture, the Question/Answer session was conducted where the participants frequently asked various questions regarding their issues in implementing the SDGs. The speaker thoroughly answered all the question and guided them in providing the solutions of their challenges.

At the end of the session, the Prof. Dr. Robina Farooq, Vice Chancellor GCWUF, thanked all the participants and appreciated the efforts of Director QEC & her Team members for conducting this very knowledgeable and fruitful session for everybody.



Government College Women  
University, Faisalabad

# WEBINAR

## “ Problems and Challenges in Implementing the SDGs in Higher Education Institutions ”



**GUEST SPEAKER**  
**DR. MUHAMMAD HAROON KHAN**  
Team Lead SDGs Accelerator & Local  
Challenges Research Lab/ Director ORIC,  
City University of Science & Information Technology  
Peshawar, Khyber Pakhtunkhwa (KPK)



**SUSTAINABLE  
DEVELOPMENT  
GOALS**



**HOSTED BY**  
**DR. AASMA KHALID**  
Director Quality Enhancement Cell (QEC)  
Government College Women University  
Faisalabad

*Organized By*  
QUALITY ENHANCEMENT CELL  
GOVT. COLLEGE WOMEN UNIVERSITY, FAISALABAD



**TUESDAY | 08-NOV-22**  
11:00 AM TO 12:00 PM

REC | Mohammad Haroon Khan is presenting

**THE SDG-ENGAGED UNIVERSITY**

- For the SDGs to be truly successful at a global scale, universities need to become champions of sustainable development and play a leading role in the implementation of the SDGs.
- This is a **challenging task**.
- Universities are often **hindered** by external structural factors and internal limitations.
- Yet, the SDGs provide a **framework to work towards structural solutions**, as well as accelerate contribution to local, national, and global wellbeing.



Sustainability  
 Transformation  
 Accelerator  
 (SUSTA)

**17 GOALS TO TRANSFORM OUR WORLD**

  
Mohammad Har...

  
Anum Yaseen

  
Anam Sami

  
Atif Butt

  
Director QEC

  
Zahoor Bazel

  
Quality Enhanc...

  
36 others

  
You

2:31 PM | Webinar on "Implementation of Sustainabl..."

  
Quality Enhancement Cell

  
Nazia Yaqoob

  
Mohammad Haroon Khan

  
HOD Zoology

  
Anam Sami

  
Dr. Azhar Hussain Dy, Director QEC

  
Atif Butt

  
10 others

  
You

People

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Search for people

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- 
Quality Enhanceme... (You)  
Meeting host
- 
Anam Sami
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Atif Butt
- 
Director QEC
- 
Director QEC

1:33 PM | Webinar on "Implementation of Sustainab..."

## Webinar on “Implementation of Sustainable Development Goals in Universities”

GCWUF has recently organized a webinar on the title “Implementation of Sustainable Development Goals in Universities” to enhance the skills of 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. 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 institutionalisation 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 18th Amendment to the Constitution devolved most functions related to the SDGs down to the federating units. At least 72% of the SDG-related functions now fall in the purview of the provinces and 24% in the joint purview of the federation and the provinces.

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.



## Importance of Sustainable Development Goals in Various Disciplines”

Quality Enhancement Cell of GCWUF had been celebrating the Month of November 2021 as a Quality Month at their Campus. In this regard, QEC arranged three different lecture sessions on three various topics. In this regard, on November 29, 2021, two lectures were conducted on “Preparation of Self-Assessment Report & Post-Graduate Program Review” and “Preparation for the Institutional Performance Evaluation” respectively. This activity was conducted with the PT (Programme Team) Members of all teaching departments.

On 30th November 2021, QEC conducted an International Webinar in the

Video Conference Room on the topic of “Importance of Sustainable Development Goals in Various Disciplines”. All HoDs /Chairpersons, Director Academics, Director ORIC, Director Planning & Development, Incharges of various departments in GCWUF and other national & international guests participated in this event. Mr. Moazzam Mumtaz, Focal Person for the SDGs, briefed all the participants that how SDGs are important in various aspects/disciplines of an institute. All the participants appreciated the efforts of GCWUF regarding the training sessions.

At the end of the session, Worthy Vice Chancellor, Prof. Dr. Robina Farooq also joined the concluding session and appreciated the efforts and thanked all the participants for their precious time.



# SDG-1 NO POVERTY

## INTRODUCTION

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

### MOU signing ceremony between Government College Women University Faisalabad and Karwan-e-Ilm Foundation

Student Financial Aid Office organized a ceremony to sign a Memorandum of Understanding (MoU) between Govt College Women University Faisalabad and Karwan-e-Ilm Foundation to award the scholarships to the needy but brilliant students of GCWUF. On behalf of the Vice Chancellor GCWUF, Mr Asif A. Malik, Registrar GCWUF and Mr. Khalid Irshad Soofi, Executive Director of Karwan-e-Ilm Foundation, signed the MOU. Furthermore, Director Academics, Incharge Directorate of Career Counseling and Manager Scholarship were present at that time. In 2022, Karwan-e-Ilm Foundation will award 5 scholarships to the meritorious students of GCWUF for the completion of their degrees. The ceremony ended with the vote of thanks from Registrar GCWUF to the Executive Director of Karwan-e-Ilm Foundation.



### MOU signing ceremony between GCWUF and PITB

Government College Women University Faisalabad and Directorate General of Sports & Youth Affairs, Punjab Information Technology Board, and has signed the agreement for the Post-Project Continuation of e-Rozgaar Center in Faisalabad.

Prof. Dr. Robina Farooq (T.I), Vice-Chancellor Government College Women University Faisalabad, Mr. Muhammad Tariq Shahzad, Director IT GCWUF, Mr. Sajid Latif, PITB DG e-Gov. signed this agreement on behalf of their respective organizations while Joint Director PITB Freelancing Wing, Mr. Ahmad Islam Syan, and the core team were present at the moment. Delegation of GCWUF also visited different departments of PITB.



# SDG-2 ERASE HUNGER

## INTRODUCTION

### 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

## INTRODUCTION

### MOU signing ceremony between Government College Women University Faisalabad and Fluorescent Human Welfare Youth Organization

Government College Women University Faisalabad is keen to provide all primary health facilities to its employees and students. The recent MOU between Government College Women University Faisalabad and Fluorescent Human Welfare Youth Organization for the upgradation of the Health Unit at GCWUF is a milestone in this regard. Both organizations signed this memorandum for the provision of medicines and routine equipment for university students and employees in the Health Unit at GCWUF. The MOU signing ceremony was held in the committee room at GCWUF on August 02, 2022.

Registrar GCWUF Mr. Asif A. Malik on behalf of the university and Ms. Rukhsana Kousar, Chairperson FHWYO on behalf of her organization signed this MOU. Vice Chancellor of Government College Women University Faisalabad Prof. Dr. Robina Farooq (T.I) attended the ceremony as Chief Guest. She appreciated the continuous role of the organization in various projects of student welfare at GCWUF. Dr. Naila Rafiq, Incharge Health Unit, and Dr. Zill-i-Huma Nazli, Director Academics were also present on this occasion.



# SDG-4 QUALITY EDUCATION

## INTRODUCTION

### MOU signing ceremony between Govt. College Women University Faisalabad and University of Okara

Government College Women University Faisalabad joins hands with University of Okara for the development of laboratories and executing various research activities in both of the institutions. GCWUF signed an MOU with University of Okara. Prof. Dr. Robina Farooq (T.I) signed the document on behalf of GCWUF whereas Prof. Dr. Muhammad Wajid signed the document on behalf of University of Okara. The ceremony was attended by Additional Treasurer University of Okara, Registrar GCWUF Mr. Asif A. Malik, Director academics Dr Zill-i-Huma Nazli, Controller of Examinations Mrs Rizwana Tanveer Randhawa,

all principal officers and Coordinators of all faculties. The mutual collaboration will open up new horizons of growth and development in the field of science and technology in the larger interest of students of both the universities.



### Collaboration ceremony between Govt. College Women University Faisalabad and Bhakar University

Vice Chancellor Mianwali University and Bhakar University Professor Dr. Islam Ullah Khan had a meeting with Vice Chancellor Government College Women University Faisalabad Prof. Dr. Robina Farooq today. Both the Vice Chancellors agreed to

collaborate in the future to strengthen the research output of the universities. Professor Dr. Haq Nawaz Bhatti from the University of Agriculture Faisalabad and Director Academics Dr. Zill-i-Huma Nazli were also present on the occasion.



# SDG-5 GENDER EQUALITY

The University, in partnership with other national organisations, works tirelessly to provide new chances to improve the status of women in society in order to realise the goals of SDG-5 Gender Equality. 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-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

## Govt. College Women University Faisalabad joins hands with World Bank for Community Development

A team of World Bank led by Ms. Lucienne M.M Baipor, Senior Social Development Specialist. She was accompanied by Ms. Sana Ahmed (Environmental Specialist), Mr. Amir Hussain (Social Development Specialist-Consultant), Mr. Hamdan Ahmed (Consultant) and Mr. Agha Kamil Hamid (Consultant) yesterday visited Government College Women University Faisalabad. In a meeting with university officials, the delegate discussed the World Bank's initiative namely "Capacity Strengthening of Academic Institutions in the Environmental and Social Framework". Representatives of both organizations decided to engage students and faculty members from Environmental and Social Science

departments for training to build capacity among masses and particularly academia to address environmental and social issues in the development of projects and to contribute towards bridging the gap between research, practice, knowledge generation and its application to sustainable development. Dr. Sajida Parveen, Incharge Dept. of Sociology hosted the event. Mr. Asif Malik, Registrar GCWUF gave a brief introduction of the university to the guests. Ms. Lucienne and Ms. Sana introduced the world bank's initiative (ESF) and training programs based on it. Coordinator Arts and Social Sciences, Coordinator Science and Technology, Coordinator Humanities and Languages, Faculty of Dept. of Sociology.

