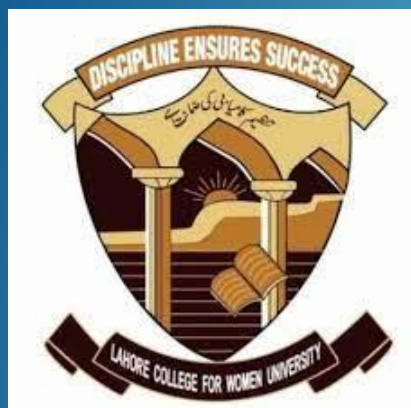


2021



# Progress Report for Sustainable Development Goals (SDGs)

**LAHORE COLLEGE FOR WOMEN UNIVERSITY, LAHORE.**



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## Introduction

The Sustainable Development Goals (SDGs), also known as the Global Goals. These goals were set in 2015 by United Nations and adopted by 195 countries worldwide. This was a universal call to action to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity. Overall objective is to create a better world and a better life for all by these 17 goals with 169 sub targets.

The term sustainability is defined as meeting the needs of the present without compromising the ability of future generations to meet theirs. It has three main pillars: economic, environmental, and social.

Pakistan has displayed commendable commitment to the 2030 Agenda for Sustainable Development as it was one of the first countries to endorse it globally in 2015. On 16th February 2016, the Parliament unanimously approved the Sustainable Development Goals (SDGs) as the national development agenda. It also formed the Parliamentary SDGs Secretariat based at the National Assembly – one of the few countries to do so. This process of legislation was the first and crucial step in mainstreaming and localizing the SDGs. The process of localizing the SDGs in Pakistan has been more than just agreeing to formal arrangements with government partners. It has also been an inclusive process relying on evidence based solutions to transform abstract SDG aspirations into real and objective targets for all stakeholders, including local actors. The 18th constitutional amendment devolved several public functions including the provision of social services from the federal to the provincial governments. The government of Pakistan conducted discussions on the post-Millennium Development Goals (MDGs) with all stakeholders for coordinating and strengthening efforts at federal and provincial levels to achieve Pakistan's sustainable development and poverty reduction targets. The consultation process emphasized the need for national categorization of SDGs, improved data collection and enforcement of monitoring mechanisms.

The seven pillars of Vision-2025 are fully aligned with the SDGs, providing a comprehensive long-term strategy for achieving inclusive growth and sustainable development.



## SDG: 1 NO POVERTY

SDG 1-No poverty measures university's research on poverty and its support to poor students and citizens in the local community. SDG 1 relates widely to other SDGs, since the poorest people are most at risk from the direct experiences of a lack of sustainability.

### Activities in the Year 2021:

- ❖ As Pakistan is itself a low-middle income country, combating poverty is a major concern. The university provides admission to students from all socio-economic backgrounds. The university also provides a waiver for bus services to students who cannot afford to pay the bus charges. Moreover, students who are eligible for admission to LCWU but cannot afford the university's tuition fee are granted scholarships on a needs basis. In the year 2021, LCWU had around 13,712 number of students enrolled. The university disbursed financial support in the form merit and needs based scholarships during the financial year July 2020 to June 2021. The scholarships include the Pak-USAID merit and need based scholarship, the Ehsaas merit and need based scholarship, LCWU scholarship among others

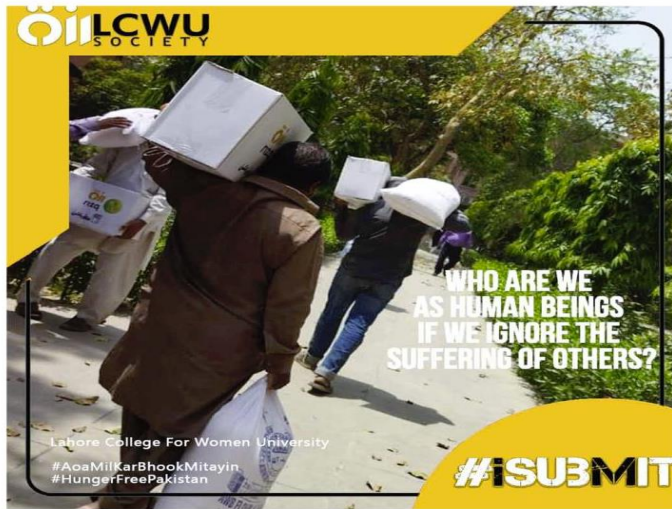


The banner features the USAID logo with the tagline 'FROM THE AMERICAN PEOPLE' and the HEC logo. It includes the text 'Scholarships for Academic High-achievers from Low-income Families' and 'Scholarships'. A photograph shows two female students, one in a pink and blue outfit and another in a green hijab, holding a scholarship certificate. A red callout box states 'Female Students are strongly encouraged to apply'. The bottom of the banner reads 'USAID - Funded Merit & Need Based Scholarship Program'.



The advertisement features the Ehsaas logo and a photograph of two graduates in black gowns. The text reads: 'Online Applications for New Admissions (Spring 2020 & Fall 2020) are open for Ehsaas Undergraduate Scholarship Project (Phase II)'. It lists requirements: 'Students are required to: apply through HEC online application portal <https://ehsaas.hec.gov.pk/>; submit printout of application form along with the supporting documents to the student financial aid office of the university'. It also states: 'Please DO NOT send any application form to BISP and HEC. Deadline for Online Application Submission: October 30, 2020. For eligibility criteria, list of universities & other details please visit: <http://www.hec.gov.pk/site/Ehsaas>'. Social media icons for Facebook, Twitter, and YouTube are at the bottom.

- ❖ The university hosts various anti-poverty programs such as Rizq as well as E-Rozgaar. The former plays a role in distributing aid to the less fortunate whereas the latter helps members of the community to gain employment.



In order to combat poverty, The Office of Research, Innovation and Commercialization (ORIC) at LCWU conducts workshops and seminars for entrepreneurship and incubation.

- ❖ **Strengthening of Khadija-Tul- Kubra Business Incubation Centre:** LCWU encourages its students to run their own startups so the students become job creators instead of job seekers and they can improve Pakistan's economy. ORIC-LCWU conducted meetings with various universities and industry partners with regards to strengthening of its Business Incubation Center (BIC) which has been renamed as Khadija-Tul- Kubra Business Incubation Centre. During the month of November 2021,



Meeting with ORIC team and Vice Chancellor, Prof. Dr. Aamir Zaman Khan, Fatima Jinnah Medical University, Lahore

Director ORIC-LCWU Dr. Engr. Aqsa Shabbir and Senior Manager ORIC-LCWU Dr. Muhammad Zia ul Haq held meetings with their ORIC counterparts and Vice Chancellors from Fatima Jinnah Medical University, Lahore and Home Economics University, Lahore.

- ❖ **Unity Pathway into the Gaming Industry:** Dr. Saima Farhan Chairperson Computer Science, in collaboration with ORIC-LCWU, organized a seminar on "Unity Employment Pathway into the Gaming Industry" on 3rd September 2021. This industry interaction with experts from Game Train provided an overview of entrepreneurship in the field of Game Development and allied career opportunities in this field. The session was well attended by more than 100 students and faculty members from the Computer Science Department. Dr. Saima Farhan, welcomed the participants and the team from Game Train.



- ❖ **Center for Entrepreneurship & Social Development:** The Centre for Entrepreneurship and Social Development (CESD) was established after it was approved by the Syndicate in its 82nd meeting held on 5th October 2021. The center was conceived by Prof. Dr. Masooma Abbas Zaidi, Chairperson, Research Center of Arts & Design. The center will enable the students to participate in the social and economic development of Pakistan. The trained interdisciplinary cohorts will prove to be future leaders of change in bringing practical solutions for socio-economic challenges. Collaborations on national and international level projects will greatly benefit the students from all income groups. Crafting e-commerce business strategy for Start-ups and business models supported by technological knowledge will add great value to socio-economic development of Pakistan and help address the issue of poverty that

prevails in the country. Advance learning programs and market driven awareness will indoctrinate in women leaders the spirit of research, creativity, and innovation.

- ❖ **Entrepreneurship Sessions by TiE:** ORIC-LCWU in collaboration with The Indus Entrepreneurs Islamabad (TiE) and S&P Global has initiated an entrepreneurship program to promote entrepreneurship and innovation among students from all socio-economic backgrounds. This training provided guidance to students to bring their ideas to life. All female students were registered on Micromentor. Micromentor is a platform where entrepreneurs can connect with mentors and have one on one conversations with them and get the maximum benefit of their knowledge. The registration was free of cost. Following sessions were conducted:

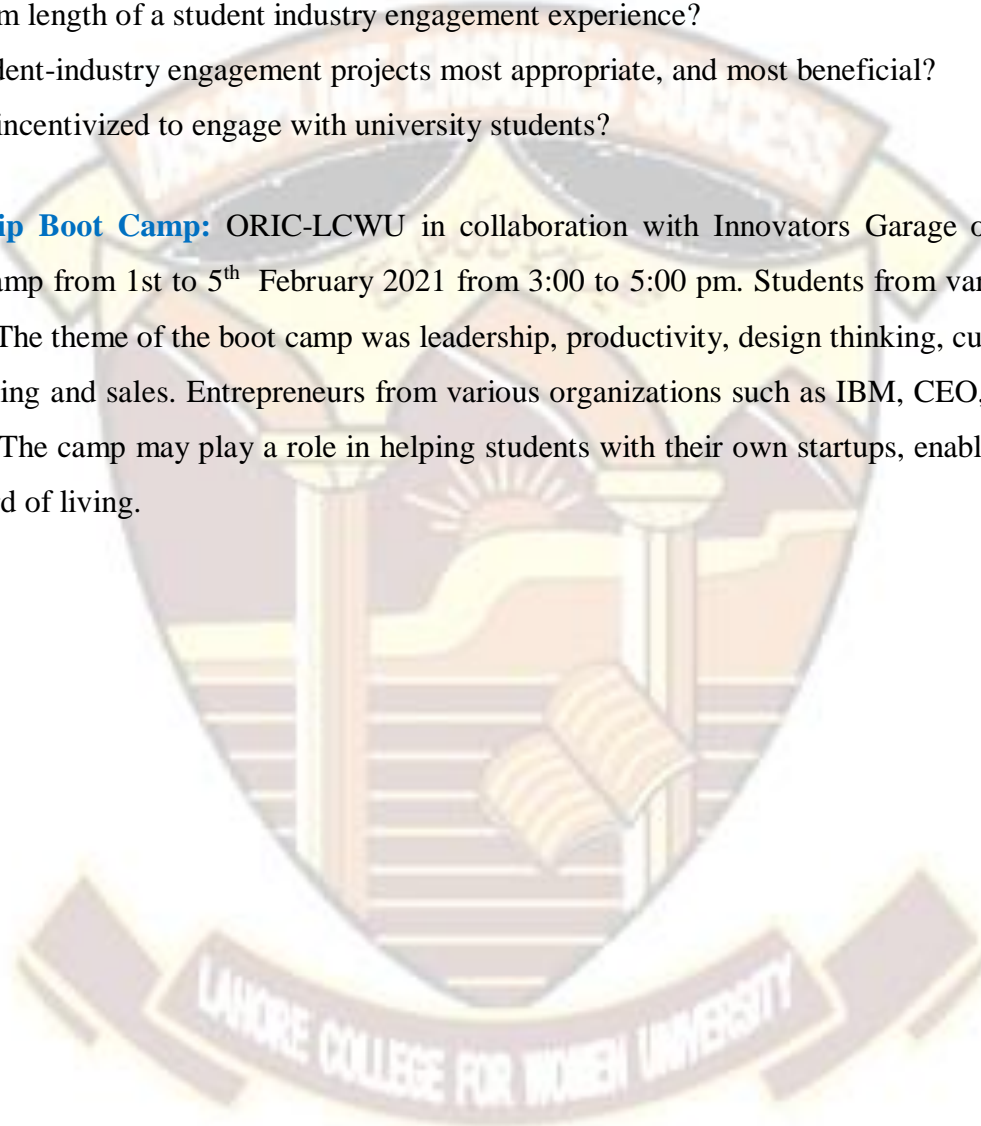
- ✚ Investment and Pitching
- ✚ How to Make an Effective CV (Part 1)
- ✚ How to Make and Effective CV (Part 2)
- ✚ Digital Marketing (Part 1)
- ✚ Digital Marketing (Part 2)

- ❖ **Meet and Greet Session with Industry Experts:** ORIC organized a meet and greet session with industry experts for the students and faculty of

Electrical Engineering in April 2021. The session was facilitated by the Chairperson. Dr. Engr. Sadia Murawwat, faculty and staff of Electrical Engineering Department. Besides giving their valuable inputs to student in preparing a final year project that meet industrial demands the industry experts had a detailed discussion with students guided by the following question:



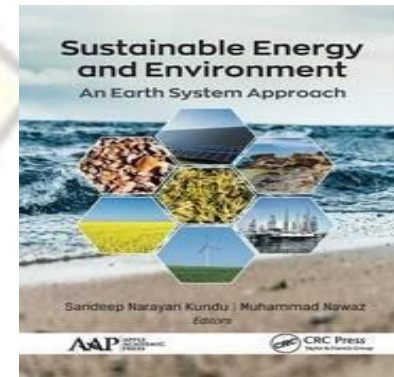
1. How can the cyclical, fast-paced timetable of academic semesters effectively engage meaningfully with industry? What is the best form and optimum length of a student industry engagement experience?
  2. At what stage are student-industry engagement projects most appropriate, and most beneficial?
  3. How can industry be incentivized to engage with university students?
- ❖ **Online Entrepreneurship Boot Camp:** ORIC-LCWU in collaboration with Innovators Garage organized a five-days online Entrepreneurship Boot camp from 1st to 5<sup>th</sup> February 2021 from 3:00 to 5:00 pm. Students from various Departments of LCWU attended this boot camp. The theme of the boot camp was leadership, productivity, design thinking, customer centric approach, and social innovation, marketing and sales. Entrepreneurs from various organizations such as IBM, CEO, The Feel and Media person attended this boot camp. The camp may play a role in helping students with their own startups, enabling them to generate income and improve their standard of living.





## SDG: 2 ZERO HUNGER

- ❖ **Research on Hunger:** This chapter summarizes the significance of renewable energy resources, their technological practices, positive and negative impacts. It also presents current energy scenario and future prospects. Projected demand of energy will increase drastically by 2030 as per findings of International Energy Agency (IEA). Renewable energy sources must be used at a massive scale, as a supplement to conventional energy sources, in order to fulfill the ever-increasing demand of energy. However, renewable forms of energy like solar, wind, hydropower, ocean, geothermal, and biofuels are not completely environment friendly, since they do have their impacts on biodiversity, soil, aquatic environments, marine life, air quality, and even Book Chapter health. However, in comparison to the conventional sources of energy, their negative impacts on environment are quite meager, in most cases these sources of energy production proved to be carbon neutral and in some cases carbon negative. The chapter concludes that reliance on renewable forms of energy for power generation, will become indispensable for a sustainable future.



### Activities in the Year 2021:

- ❖ **Campus Food Waste:** The campus does not have a dining/catering area. Therefore this measure is not possible.
- ❖ **Campus food waste tracking:** The waste is collected from the campus daily and weighs 1 ton Food waste is minimal as excess food from the café and the hostel is either donated to the workers or refrigerated/ frozen for use the next day.



Figure 3: Waste Collected from residential areas and kitchen of students mess

❖ **Student Food Insecurity and Hunger:** LCWU has partnered with RIZQ Enterprise and launched the Rizq LCWU Society within the university. This society is working to overcome food insecurity and hunger both within LCWU, and in the wider community. Deserving LCWU students are offered access to Rizq Food Banks, and their families are also supported with food rations on a monthly basis.



❖ **Student Teams:**



❖ **Students and Staff Hunger Interventions:**

LCWU has partnered with RIZQ Enterprise and launched the Rizq LCWU Society within the university. This society is working to overcome food insecurity and hunger both within LCWU, and in the wider community. Deserving LCWU staff members and guards are offered access to Rizq Food Banks, and their families are also supported with food rations on a monthly basis. They are also helped through donations or food rations.

Students of Department of Home Economics LCWU has partnered with RIZQ Enterprise and conducted a project “Resolute Hunger” under BS course semester IV Family and Community Development. The main objectives of the project were providing lunch boxes for three days, conducting awareness program about nutritional facts and promoted main idea of #HungerFreePakistan. A better sense of social work in society. Hunger Free Pakistan



**1. Hunger Free Pakistan**

**2 - Lack of Compassion is Poverty**

## **SDG: 3 GOOD HEALTH AND WELL BEING**

Health is a state of complete physical, mental and social wellbeing and not merely the absence of disease or infirmity'. This is consistent with the biopsychosocial model of health, which considers physiological, psychological and social factors in health and illness, and interactions between these factors.

Well-being integrates mental health (mind) and physical health (body) resulting in more holistic approaches to disease prevention and health promotion. Well-being is a valid population outcome measure beyond morbidity, mortality, and economic status that tells us how people perceive their life is going from their own perspective. Well-being is an outcome that is meaningful to the people.

Ensuring healthy lives and promoting well-being at all ages is essential to sustainable development. Currently, the world is facing a global health crisis unlike any other COVID-19 is spreading human suffering, destabilizing the global economy and upending the lives of billions of people around the globe.

### **Activities in the Year 2021:**

#### ❖ PSYCHOLOGICAL SOCIETY

Psychological society, LCWU was formed soon after the Applied Psychology department was established in Lahore College for Women University. Since then, the faculty of psychology dept. and students have been active members of the society. The purpose of the society is to enhance the personal development and skills of the student body and to provide them with extracurricular activities and learning exposure in addition to classroom learning.

## ❖ RESEARCH PROJECTS

- ✦ The Psychological Impact of Cancer on Human Health and Family Adjustment among Adolescents with cancer
- ✦ Spiritual Wellbeing and Faith among Cancer Patients: A Qualitative Case Study
- ✦ Determinants of quality of life among type 2 diabetes patients
- ✦ Menstrual hygiene management in adolescent girls in slum areas of Lahore: An IPA based study
- ✦ Diabetes distress, coping strategies and depression among young adults with diabetes
- ✦ Psychological well-being, general health and caregivers' burden among caregivers of children with thalassemia

## ❖ EVENTS IN 2021

- ✦ International Seminar on Vaccine, Viruses and Pandemics.
- ✦ International Breastfeeding Day celebrated on 31<sup>st</sup> August 2021 to raise awareness.
- ✦ Workshop on Women health as part of 24<sup>th</sup> National Psychiatric Conference.
- ✦ Webinar on Breast Cancer Awareness held on 20<sup>th</sup> October 2021



## ❖ COLLABORATIONS:

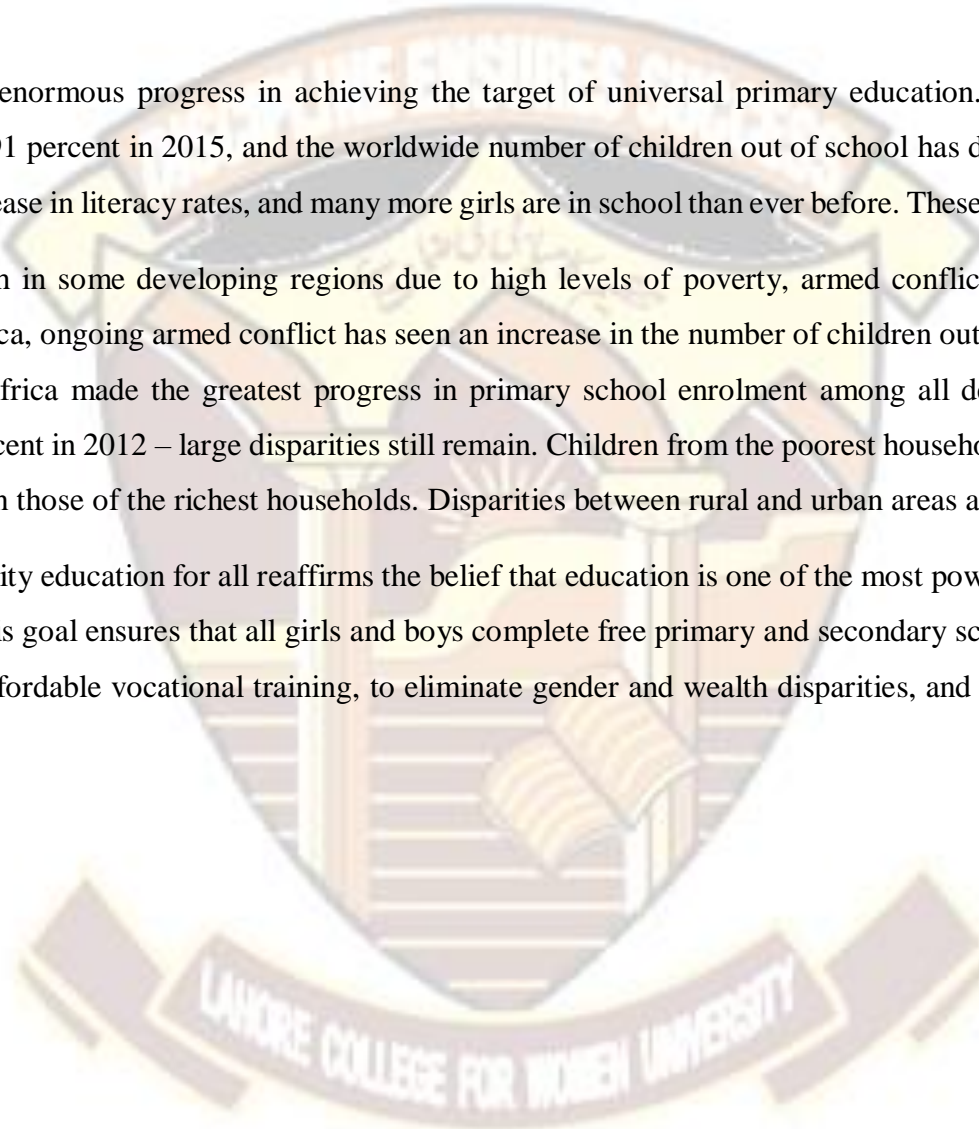
LCWU signed MOU with the Punjab Institute of Cardiology to impart education on graduate and post graduate level and to conduct research in basic and applied sciences to promote health related research and education.

## **SDG: 4 QUALITY EDUCATION**

Since 2000, there has been enormous progress in achieving the target of universal primary education. The total enrolment rate in developing regions reached 91 percent in 2015, and the worldwide number of children out of school has dropped by almost half. There has also been a dramatic increase in literacy rates, and many more girls are in school than ever before. These are all remarkable successes.

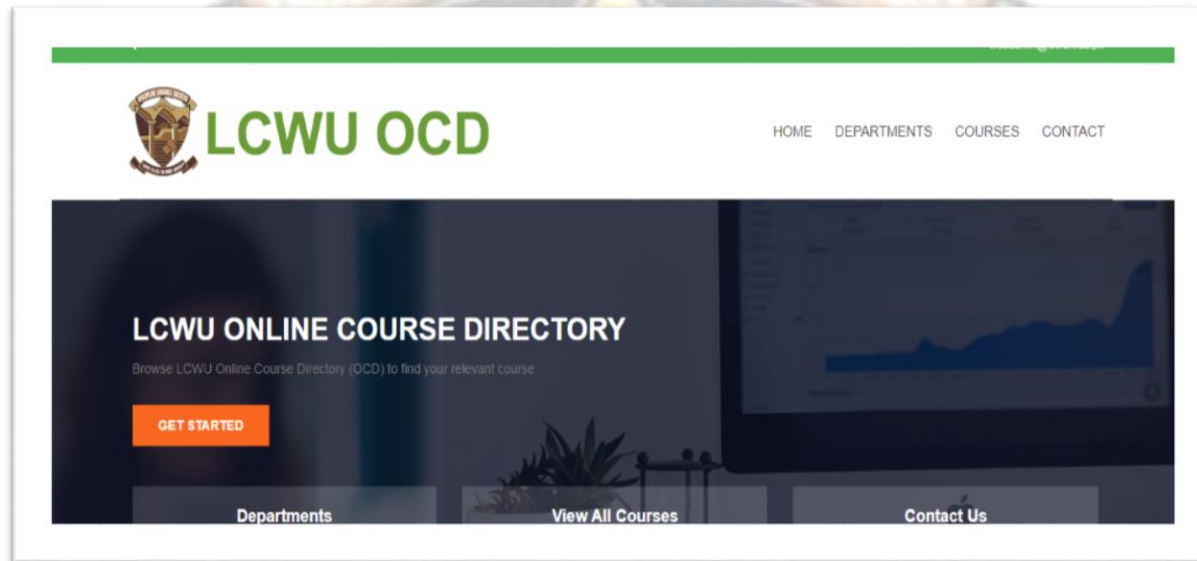
Progress has also been tough in some developing regions due to high levels of poverty, armed conflicts and other emergencies. In Western Asia and North Africa, ongoing armed conflict has seen an increase in the number of children out of school. This is a worrying trend. While Sub-Saharan Africa made the greatest progress in primary school enrolment among all developing regions – from 52 percent in 1990, up to 78 percent in 2012 – large disparities still remain. Children from the poorest households are up to four times more likely to be out of school than those of the richest households. Disparities between rural and urban areas also remain high.

Achieving inclusive and quality education for all reaffirms the belief that education is one of the most powerful and proven vehicles for sustainable development. This goal ensures that all girls and boys complete free primary and secondary schooling by 2030. It also aims to provide equal access to affordable vocational training, to eliminate gender and wealth disparities, and achieve universal access to a quality higher education.



## LIFELONG LEARNING MEASURES

### 1. *LCWU Online Course Directory (OCD)*



Provide access to educational resources for those who are not studying at the University. Anyone around the world has open access to the courses of their interest in detail and may get benefit from the uploaded courses which also includes free textbooks, course previews, recorded lectures and much more.

## 2. E-Rozgar

E- Rozgar

Punjab Information Technology Board  
www.erozgar.pitb.gov.pk

**FREELANCING TRAINING COURSE**  
Admissions are now open at LCWU Lahore.  
Lab is located at Ganga Ram Building.

- Dynamic opportunities for students.
- Training will be held for three months.
- Superlative Training for getting monthly income at home.

**33 Crore+ Total earnings | 20,000+ Graduated**

For Online Registrations:  
Domicile: Punjab  
Education: At least 16 years  
Age limit: 35 years old

Three Domains:  
Technical 9:00-11:00  
Non-Technical 11:00-1:00  
Creative Design 1:00-3:00

Contact: @erozgar  
Last Date:

The E-Rozgar Lab provide training in digital skills and freelancing to empower youth and provide employment opportunities through internet-based freelancing.

### EVENTS OPEN TO PUBLIC EVENT

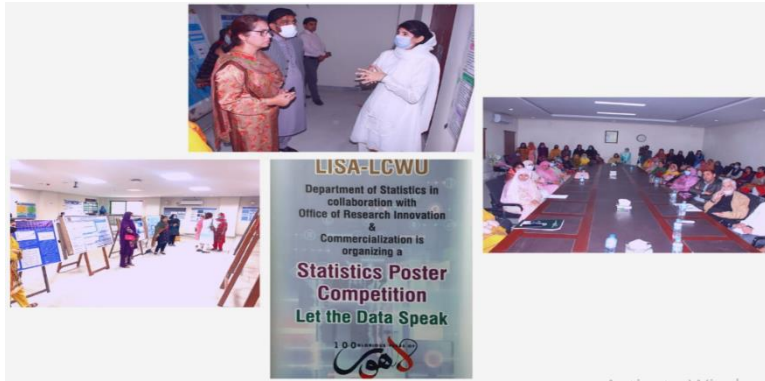
1. 2-Day International Webinar “The Vision for Social Reforms and the Poetry of Firdowsi and Iqbal”
2. International webinar on "Matter and Energy in Current Era"
3. Kashmir-Kashmir Solidarity Conference
4. International Mother Language Day



- 5.** *Sports-Cricket Match 2021*
- 6.** *Internship for LCWU Students*
- 7.** *Workshop on “Guidelines for Conversion of Annual System to Semester System”*
- 8.** *Talent Hunt Competition*
- 9.** *3 Day training for Non-teaching Faculty*
- 10.** *MoUs with EGB4 Technologies (US) and Imam Khumani International University, Iran*
- 11.** *Online Training Session on “How to Utilize Departmental Budget”*
- 12.** *Online Session on "Professional Trainings and Skills"*
- 13.** *Writing a Successful Funding Proposal*
- 14.** *Virtual Poster Competition*
- 15.** *E-Library*
- 16.** *Online session on "Servant Leadership"*
- 17.** *COACH ME CONFIDENT*
- 18.** *LCWU disbursed cheques for different Scholarships Programme*
- 19.** *Legends of Punjabi Language and Literature from all over the World*
- 20.** *First meeting of University Research and Innovation Board*
- 21.** *LCWU got 1st position in All Pakistan Women Judo Intervarsity Championship*
- 22.** *Webinar on” The Role Of Teacher In Nation Building”*
- 23.** *Online session by Prof. Gul Sadiq Afshan on “Thinking out of a box as a teacher and as an administrator”*
- 24.** *World Environment Day*
- 25.** *Entrepreneurial Gala 2021*
- 26.** *Online session by Prof. Gul Sadiq Afshan on “How to Be a Productive Leader as an Educator”*

27. *Visit of Indonesian Ambassador to LCWU*
28. *How Statisticians can help in Medical Research*
29. *A five-days hands-on Network Security Training and Workshop*
30. *Webinar Organised by Department of Political Science to Celebrate Independence Day*
31. *Webinar on Hindu Nationalism Against Muslim Community in India*
32. *Annual Exhibition organized by the Department of Interior Design, LCWU*
33. *Five days Training and Workshop by Riphah International University, Islamabad*
34. *Social Work Department arranged a seminar regarding "Diamond Jubilee of Pakistan"*
35. *Statistics Poster Competition 2021*
36. *Certificate Distribution ceremony for the 1st batch of Prime Minister's Kamyab Jawan*
37. *Webinar on Women Empowerment at LCWU*
38. *Prime Minister's Electric Wheelchair Scheme for University Students*
39. *Webinar on Breast Cancer Awareness*
40. *International Breastfeeding Day Celebration & Inauguration of breastfeeding Corner*
41. *Webinar on 14th of August 2021*
42. *Project Exhibition organized by the Department of Home Economics, LCWU*
43. *Workshop on "Empowering Young Women for better future of Pakistan"*
44. *An International Webinar on Generalized Barycentric Coordinates*
45. *Workshop on Advanced Time Series Handling Techniques using Eviews and STATA*
46. *لاہور کالج برائے خواتین یونیورسٹی میں سوشل سائنسز میں پی ایچ ڈی اسکالرز کی رہنمائی اور مقالہ جات لکھنے کی حکمت عملی کا متعلق ایک روزہ ورکشاپ*

- 47. MOU Signing Ceremony between LCWU & Women Development Department.*
- 48. Tree Plantation in LCWU*
- 49. VU and LCWU will join hands in developing joint academic programs and Blended Learning mode*
- 50. MOU signing Ceremony between LCWU and FCCU*
- 51. Sports Festival held at LCWU to pay rich Tribute to the Martyrs*
- 52. A Penal Discussion at LCWU with CCPO on harassment of women*
- 53. HEC Digital Learning & Skills Enrichment Initiative (DLSEI)*
- 54. International webinar on Academic Writing*
- 55. ORIC-LCWU organized LOI signing Ceremony*
- 56. Glimpses of two day's Conference by department of Secondary Education*
- 57. LCWU got 3rd Position in All Inter University Swimming Championship*
- 58. An International Webinar on "Promotion of Urdu Language and Literature"*
- 59. Peridot Research Program*
- 60. TISC under ORIC LCWU, is proud to appear in World Intellectual Property Organization(WIPO)*
- 61. ORIC LCWU is presenting video lectures on Intellectual Property Rights*
- 62. Christmas Ceremony*
- 63. Panel discussion on different political stakeholders to End Violence Against Women*
- 64. RIZQ LCWU*



### An International Webinar on "Promotion of Urdu Language and Literature"

An International Webinar on "Promotion of Urdu language and literature in Uzbek Universities and their links to Pakistani Universities" was organized by Department of Urdu in collaboration with DFDI Lahore College for Women University on Thursday, December 20, 2021 at 11:00 AM.



## Activities in the Year 2021:

### Educational outreach activities beyond campus:

1. DSA organized a lecture on Road Safety by Punjab Police.
2. Entrepreneurship Boot Camp.



## SDG: 5 GENDER EQUALITY

Women's empowerment is an integral part of LCWU vision. The university leadership has designed and taken numerous steps to obtain women development. LCWU established Women Institute of Leadership and Learning to make a significant contribution to economic and personal empowerment of women graduates and faculty as leaders and professionals through capacity building, leadership development, research, and collaboration.

LCWU is working closely to implement SDGs especially goal 5 gender equality by providing enabling environment and women friendly environment at LCWU such as breast-feeding corner to ensure their privacy to feed their toddlers, day care centers, independent living centers for facilitating the faculty and students with special needs, sexual harassment cell to ensure secure environment, representation of women in decision making and leadership positions in statutory bodies.

LCWU established Women Institute of Leadership and Learning to make a significant contribution to economic and personal empowerment of women graduates and faculty as leaders and professionals through capacity building, leadership development, research, and collaboration.

Several financial aid and scholarship programs and opportunities offer not only to students at under graduation, Masters and PhD but faculty as well to apply for higher degrees or for capacity building fellowship programs.

### Activities in the Year 2021:

#### INCREASED ENROLLMENT

- Total Number of Students **14103**
- Number of women starting a degree **4311**
- Number of first-generation women starting a degree **1687**

## **STUDENT TRACKING ACCESS MEASURES**

- The University has a centralized online admission system to track each and every application. It is linked with each academic department to track women application rate, acceptance and entry rate (<https://www.lcwu.edu.pk/admission-prospectus.html>)
- The university has ensured that women have full access to apply and participate at university

## **POLICY FOR WOMEN APPLICATIONS AND ENTRY**

- As a women university, it has been ensured through the vision that women have a full access to apply and participate at the University.
- Moreover, the registrar office has an admission policy and detailed E Prospectus to facilitate the women's applicants.

## **WOMEN'S ACCESS SCHEMES**

- University provides services of psychological counselling and career guidance to female students
- Furthermore, university provides number of scholarships under government scholarship schemes to female students at under graduate, post graduate and PhD level.
- University also organized informative events for international scholarships.

## **WOMEN'S APPLICATION IN UNDERREPRESENTED SUBJECTS**

- University developed linkages with other universities, NGOs organizations at national and international level to encourage female students to apply under represented subjects like Architecture, City and Regional planning and Engineering.
- The department of city and regional planning developed linkages with national and international institutions.

- The department of gender and developed linkages with national and international institutions.



### PROPORTION OF SENIOR FEMALE ACADEMICS

- Total number of Employees **602**
- Total Academic Staff **501**
- Number of senior academic staff **280**
- Number of female senior academic staff **264**



## PROPORTION OF WOMEN RECEIVING DEGREES

- *Number of graduates: Total* **2845**
- *Number of graduates by subject area (STEM, Medicine, Arts & Humanities/ Social Sciences): Total* **2845**
- *Number of graduates: STEM* **1252**
- *Number of graduates: Medicine* **58** in 2021 and **37** in pharm D, **4** in M. Phill in 2020
- *Number of graduates: Arts & Humanities / Social Sciences* **1521**

## POLICY OF NON-DISCRIMINATION AGAINST WOMEN

- ✚ University has a sexual harassment cell for faculty, staff to report non-discriminatory within the University
- ✚ University follows HEC guidelines about prevention of sexual harassment (for students and staff)
- ✚ To secure the equal opportunities and equal rights for women with special needs during their life at the campus.
- ✚ Admission quota for students with special needs and other provinces
- ✚

## MATERNITY AND PATERNITY POLICIES YEAR

- ✚ University provides maternity leave to female faculty members
- ✚ University provides Paternity leave to male faculty members
- ✚ Moreover, university have policy to give maternity leave to students, it's a privilege as an women University

## CHILDCARE FACILITIES FOR STUDENTS

- ✚ Daycare center has been established in University that provides childcare facilities for students so the recent mothers can continue their studies
- ✚ Breast Feed corner for mothers was established in 2021



## **WOMEN'S MENTORING SCHEMES**

- ✦ University has student affairs that involved female students in different co-curricular activities inside and outside the University
- ✦ Moreover, University provides the services of career guidance and job placement for the graduates and students of LCWU
- ✦ University imparts freelancing training of E-Rozgar for graduates and students of LCWU to set up small scale businesses
- ✦ University also organized the events to enhance the entrepreneurial skills of students of LCWU

## **TRACK WOMEN'S GRADUATION RATE**

- ✦ Being a Women University the Women's graduation rate is 100%, because all the graduates are women at under graduate and post graduate level.

## **POLICIES PROTECTING THOSE REPORTING DISCRIMINATION**

- ✦ University has faculty grievance committee to address and report the employment disadvantages and students .

## **SDG: 6 CLEAN WATER AND SANITATION**

While substantial progress has been made in increasing access to clean drinking water and sanitation, billions of people—mostly in rural areas—still lack these basic services. Worldwide, one in three people do not have access to safe drinking water, two out of five people do not have a basic hand-washing facility with soap and water, and more than 673 million people still practice open defecation. The COVID-19 pandemic has demonstrated the critical importance of sanitation, hygiene and adequate access to clean water for preventing and containing diseases. Hand hygiene saves lives. According to the World Health Organization, handwashing is one of the most effective actions you can take to reduce the spread of pathogens and prevent infections, including the COVID-19 virus. Yet billions of people still lack safe water sanitation, and funding is inadequate.

### **Accomplishments in the Year 2021:**

#### **Water Section:**

#### **Clean water and Sanitation Status in Lahore College for Women University**

Clean water is vital for life because millions of people including children die every year from diseases associated with inadequate water supply, sanitation, and hygiene. Therefore, Lahore College for Women University ensure the easy and safe access of students and staff to water and sanitation.



## Nature of water usage in university

Following are the key consumption points for water in university.



1. *Laboratories*
2. *Green belts*
3. *Kitchens*
4. *Toilets*
5. *Drinking water coolers and water filtration plant*

## Water supply in university

University is not dependent on government water supply. To fulfil the demand of water, university has installed a tube well in main ground of the university where ground water is extracted from 700ft depth on daily basis. This ground water is further supplied to water tanks, constructed in different blocks of university. Ground water extraction volume vary from 322000 gallon per day in peak months (August to May) to 72000 gallon per day in off months (June to July).

## Provision of clean safe and free drinking water

Lahore College for Women University is highly concerned about the health of its students and staff. University administration has formulated an Environmental Committee in 2012 which comprised of professionals from academic and non-academic departments of





university. This committee assures the supply of safe drinking water and also monitor the quality of drinking water on regular basis. 44 water coolers with 03-filters have been installed in the premises of campus at different locations for easy access of every person to clean safe and free drinking water. University Administration has also installed a water filter plant with 500L capacity to cope with the demand. Water quality of all drinking water sources in campus is monitored on regular basis.

### **Wastewater Reuse**

To minimize the burden on natural water resource of campus, wastewater releasing from water coolers and air conditioner unit in university is being used to irrigate the plants and nearby green belts in campus.

### **Wastewater treatment**

For the partial sedimentation, wastewater from all sewage lines fall into a large septic tank (Fig:5) (20x25x22 feet) which is constructed in the parking area of university. After partial sedimentation, wastewater from university enters into the main sewage drain in Shadman, Lahore and further moves to main wastewater treatment plant of city that is located at 22km away from university in Gulshan-e-ravi. Lahore



## Sustainable Plantation

Currently Lahore College for Women University is working on the plantation of drought resistant plant species in campus to reduce the water consumption. According to the survey report of Botany Department, total area of green belt in LCWU is 1.6 acers, out of which 90% area is covered with grasses, 9.9% area is used to grow mesophyte species while 0.1% area with minimum water supply is used to grow xerophyte species.

## Awareness program on water conservation



University has been conducting several activities e.g., seminars, walks and also displaying public messages in campus to alert the masses from the alarming situation of depleting of water resources and sensitizing them for the sustainable consumption of water .

## Future Plans to Conserve Water in campus

- a) *Promote more rational allocation of freshwater resource of university*
- b) *Increase rational use of nutrient content in wastewater by watering greenbelts*
- c) *Produce more sources of water by augmenting storm/rainwater.*
- d) *Increase water table of university underground water by replenishing with rainwater*

## **SDG: 7 CLEAN WATER AND SANITATION**

### **Solarization of LCWU:**

- LCWU signed MOU with Punjab Energy Department for the solarization of LCWU campus.
- LCWU and PEECA have entered Memorandum of Understanding (MOU) for provision and installation of solar panel system in LCWU on an Energy Service Company Model and retrofitting of inefficient appliances.
- LCWU will introduce the solar energy system to provide electricity to its departments, teaching institutes, hostels, and residential colony in 1 year after the agreement with ESCO following PEPRA rules.

### **Initiative for Energy Conservation in LCWU:**

- LCWU Climate action plan aims to conserve and enhance natural resources and to prevent environmental pollution to bring about a continual reduction in carbon footprint.
- Carbon Committee for embedding carbon management in the university has presented several short-term and long-term initiatives to reduce the carbon emissions in the campus.
- LCWU Energy Committee has developed several initiatives to conserve energy consumption in the campus.
- Replacement of Fluorescent tube lights and incandescent bulbs with LED lights.
- Existing fans replaced by lower consumption/ solar fans.
- Replacement of conventional ACs with DC inverter ACs.
- LCWU undertake regular energy audits aims to provide total energy consumption of the university. The Energy Audit intends to identify energy wastage in the university. Initiatives have been undertaken by LCWU to conserve the wastage of energy.




## **SDG: 8 DECENT WORK AND ECONOMIC GROWTH**

Global economic growth, which has already slowed down for many reasons in recent years, has slowed down even more with the effect of the pandemic. The COVID-19 crisis had a tremendous influence on job potential in nations. According to the United Nations Economic and Social Council (2021), following an average of 2% growth from 2014 to 2018, real global GDP per capita expanded by only 1.3% in 2019 and is expected to decline by 5.3% in 2020 related to the pandemic's damage. For the near future, post-pandemic global GDP per capita is expected to rise by 3.6% in 2021. The economic growth is steadily rebounding; however, it may continue to lag behind pre-pandemic levels for some time. To reverse this trajectory in the future, economies need to be transformed in ways that promote high productivity, such as shifting from low-yield agriculture to high-yield agriculture. While the global economy improves, and workers' living circumstances improve, inequities persist, and there aren't enough jobs to keep up with the world's expanding population. The SDGs promote sustained economic growth, higher levels of productivity and technological innovation. Encouraging entrepreneurship and job creation are key to this, as are effective measures to eradicate forced labor, slavery and human trafficking. With these targets in mind, the goal is to achieve full and productive employment, and decent work, for all women and men by 2030.

### **Activities in the Year 2021:**

- ✚ According to local poverty indicators, the LCWU employee minimum wage in Punjab is Rs. 25,000 if the employee works 22 days in a month at LCWU.
- ✚ Regulate the creation of unions and union activities, relations between employers and employees, the prevention and resolution of any disagreements or conflicts that may arise between them, as well as ancillary issues. The practice of Union for the rights of employments practices.

- 
- The logo of Lahore College for Women University is a shield-shaped emblem. It features a central sun rising over a landscape with a river and hills. The shield is flanked by two pillars. Below the shield is a banner with the text "LAHORE COLLEGE FOR WOMEN UNIVERSITY".
- ✚ LCWU policy primarily focuses on protection and promotion of human rights through reviewing legislations, policies and practices in compliance with the fundamental rights enshrined in the Constitution of Islamic Republic of Pakistan and core United Nations Human Rights Conventions ratified by Pakistan. University provides guidelines regarding the out sourced employees working under the State Government or its entities and explains the guidelines on process for employees to appeal on employee rights and/or pay as per laws in Pakistan.
  - ✚ **Expenditure per employee:** The expenditure per employee is 1. 47 Million. The University Expenditure is 1763.110 Million. Department of Economics, Mass Communication, Home Economics, Gender and Development studies, international relations and social work offered internships to their students during 2021.

## **SDG: 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE**

Inclusive and sustainable industrialization, together with innovation and infrastructure, can unleash dynamic and competitive economic forces that generate employment and income. They play a key role in introducing and promoting new technologies, facilitating international trade and enabling the efficient use of resources. However, the world still has a long way to go to fully tap this potential. Least developed countries, in particular, need to accelerate the development of their manufacturing sector if they are to meet the 2030 target, and scale up investment in scientific research and innovation. Innovation and technological progress are key to finding lasting solutions to both economic and environmental challenges, such as increased resource and energy-efficiency.

### **Activities in the Year 2021:**

#### **Entrepreneurship and Startup culture at LCWU:**

Khadija-tul- Kubra Business Incubation Center (BIC) of LCWU (BIC-LCWU) with the help of Center for Entrepreneurship and Social Development (CESD) of LCWU aims at fostering the spirit of social and technological entrepreneurship and nurturing the culture of start-ups, scale-ups and spin-offs by providing entrepreneurial development eco-system to the LCWU in particular and to youth in general. To promote innovation ecosystem, this center facilitates interested potential entrepreneurs through integrating related activities of academic departments with that of BIC and to become national center of innovation and to take leading role in developing national innovation ecosystem through engaging national and regional players.

## **Below are flagship projects regarding startups in LCWU:**

### **1. Preparation of startups & Entrepreneurship Policy Draft:**

The draft for BI policy for startup has been prepared and in process of approval from relevant bodies

### **2. Entrepreneurship culture at LCWU/E-Rozgar Lab at LCWU:**

ORIC-LCWU is in close collaboration with Youth Engagement Services (YES) Network, of Pakistan along with British Council and Pro skills UK Group. This programme is being successfully run in LCWU since 2016.

### **3. Running of NAVTACC Kamyab Jawan Program:**

ORIC-LCWU won NAVTTC short courses programme at LCWU under the PM Hunermand program in November, 2021. ORIC-LCWU regularly organizes sessions on Entrepreneurship and business startups in collaboration with the Punjab Information Technology Board (PITB). Many faculty members are engaged in various capacities in different organizations and universities as speakers/ panelists/ judges for various innovations summits/startup camps.

### **4. Entrepreneurial workshop for students:**

The significance of women in the economic growth and development is unquestionable. The Sustainable Development Goals (SDGs) also recognize the importance of empowering women and achieving gender equality. Today, women entrepreneurs are on the rise everywhere in Pakistan, but still more efforts are required at national and international levels to reduce gender gap in entrepreneurship and to realize their true potential in economic development. ORIC-LCWU has always been instrumental in facilitating, and promoting women-led businesses through various initiatives such as training programmes, workshops, local and exhibitions to enable women entrepreneurs to contribute in enhancing trade revenues and overall growth of the country. ORIC in collaboration with Computer Science, and Electrical Engineering organized a session on entrepreneurship and job prospects in the banking sector for students and

faculty members on 17th June 2022. Sara Beg, Head Talent, Diversity & HR Relationship Management addressed the audience followed by awareness on HBL's customized service for women "HBL Nisa".

### **Strengthening of Khadija-tul- Kubra Business Incubation Centre:**

LCWU encourages its students to run their own startups so the students become job creator instead of job seekers and they can improve Pakistan's economy. ORIC-LCWU conducted meetings with various universities such as Virtual University and Fatima Jinnah Medical University in regards to strengthening of Khadija-tul- Kubra Business Incubation Centre and also improving its current training program being offered to the incubates in Nov, 2021.



### Leadership Skills to Sustain Entrepreneurial Venture:

Dr. Engr. Aqsa Shabbir, Director ORIC, was invited as a moderator for a panel discussion on Leadership Skills to Sustain Entrepreneurial Venture at Superior University on 17<sup>th</sup> Nov, 2021.



### Unity Pathway into the Gaming Industry:

Dr. Saima Farhan COD Computer Science, in collaboration with ORIC-LCWU, organized a seminar on "Unity Employment Pathway into the Gaming Industry" on 3rd Sept, 2021. This industry interaction with experts from Game Train provided an overview of Game Development and career opportunities in this field.



## **SDG: 10 REDUCE INEQUALITIES**

SDG 10 (Reducing Inequalities) aims towards reducing income inequality within and among countries. In this regard Lahore College for Women University remained focused throughout the year in steering through its responsibility of reducing inequalities in specific and for equal or universal access for all to resources, services and opportunities in general.

Income inequality is on the rise the richest 10 percent have up to 40 percent of global income whereas the poorest 10 percent earn only between 2 to 7 percent. If we take into account population growth inequality in developing countries, inequality has increased by 11 percent. Facilitating the safe migration and mobility of people is also key to bridging the widening divide.

### **Activities in the Year 2021:**

The ordinance of the University states that the university shall be open to all persons irrespective of their religion, race, creed, class or color and no person shall be denied the privileges' of the university on any such grounds. Currently 20 staff/faculty members with disability are working in LCWU Lahore. LCWU offers quota in seats, in addition to open merit seats for disabled employees. University has fixed a quota for employment of disabled persons in addition to open merit. Moreover, LCWU only hired women faculty members on the position of lecturers till date. For non-teaching vacancies, female candidates are preferred.

Harassment complaint cell for faculty and students to report and address the issues related to inequalities. The LCWU, Lahore has two centers for counseling and mentoring of underrepresented groups. 1. Career Guidance and Counselling Center. 2. Center for Career Counselling and Job placement (CCJP). In addition, The E-rozgar scheme at LCWU provides mentoring and support to underrepresented groups for career counseling workshops and for job placement of underrepresented groups. No fees is charged for all the programs under E-rozgar scheme. This scheme is for women only

## Events in 2021:

- ✚ The Department of Mass Communication, LCWU, organized a seminar on February 2, 2021, as an indication of solidarity with the people of Indian occupied Kashmir in their legitimate struggle for the right to self-determination. The list of honorable guests included Ms. Mushaal Hussain Malik, Chairperson of Peace & Culture Organization and wife of detained Kashmiri leader Mr. Muhammad Yasin Malik; Prof. Zafar Iqbal Sindhu, Writer and activist; and Rai Muhammad Nawaz Khan Kharl, Chairman Kashmir Commission of Pakistan.
- ✚ The Department of Geography organized 'Baloch Culture Day' to express their unity and affiliation with the province of Baluchistan dated on March 2, 2021. This event was organized to create awareness among the youth about the culture of Baluchistan and to create harmony with them.
- ✚ The Directorate Student Affairs and the Anti-Harassment Society, LCWU, in collaboration with Pakistan Martial Arts Association organized a 'Self-Defense Training' on March 8, 2021. The event was conducted in Iqra Auditorium, along with a play 'Safaid Dagh'. The play depicted the social taboos related to harassment.
- ✚ On March 20 and 25, 2021, on the theme 'Future Cities and Urban Spaces' a selected talk was given by Angel Hsu titled 'Cities are driving climate change: Here's how they can fix it'. The session was attended by an overwhelming number of participants from within and outside LCWU. The participants discussed the environmentally hazardous practices of the inhabitants that make it one of the most polluted cities in the world. The also talked about the various initiatives taken in their vicinity to control the environmental crisis, and deliberated over ways to transition to cleaner renewable energy sources.
- ✚ A webinar addressing 'Food Insecurities according to Marketplace Model' was held on April 3, 2021 in LCWU.
- ✚ The Directorate of Faculty Development and Internationalization (DFDI) organized a webinar on 'Ethics in Professional Communication' on April 13, 2021.



- ✚ On May 12, 2021, LCWU's Department of Statistics the ISI (International Statistical Institute) and SIS (Società Italiana di Statistica) organized an event, entitled: 'Women: Statistically Significant' in celebration of the International Year of Women in Statistics and Data Science (IYWSDS) and commemoration of the 200th anniversary of Florence Nightingales' birthday. Dr. Asifa Kamal, Chairperson Statistics department, LCWU, was among the speakers. She highlighted the role of women statisticians in Pakistan and in developing countries.
- ✚ LCWU's students conceptualized and launched a social media campaign to show solidarity and support towards Palestine on May 17, 2021. They prepared charts and slogans to raise their voice against the injustices on the innocent Palestinians by Israel. The Main Slogan for the campaign was 'I stand with Palestine'. Similarly, on May 21, 2021, Geography Department showed solidarity with Palestine, through posting posters on the official social media page.
- ✚ LCWU's students participated in a peaceful protest to raise their voices for the nation and people of Palestine on May 18, 2021.
- ✚ On May 27, 2021 an event was held with the theme 'How to make STEM Education relevant and accessible for learners of different profiles and socio-economic backgrounds'.
- ✚ The Department of Management Sciences, LCWU, successfully organized an Entrepreneurial Gala (EG-21) on June 10, 2021. EG-21 provided a platform for female business students to exhibit their final year entrepreneurial projects. 28 groups presented their business plans related to different products (Nutri Kitchenette, Notices, Organo clean, Miswak toothbrush, Organic jiggery, Lactose-free yogurt, etc.); a range of services (Oribells, Stay safe, Vintage company, Affordable enhanced wheel-chair, etc.); and IT-related projects (Instant reserve app, Books for you).The event was graced by the Chairman Punjab Higher Education Commission, Dr. Fazal Ahmad Khalid.
- ✚ A Webinar on 'Child Labor' was conducted on June 22, 2021, by the Department of Social Work, LCWU, in collaboration with 'Search for Justice', a Non-Governmental Organization working with a mission of empowering child rights and protection work in Pakistan.



- ✚ A Webinar on 'Environment Protection' was organized by the Social Work Department, LCWU, in collaboration with the College of Earth & Environmental Sciences, University of the Punjab, and Environment Protection Department, Govt. of Punjab, on June 23, 2021. Speakers stress upon the importance of upcoming climate crisis awareness among the general public.
- ✚ Department of Management Sciences and Public Administration hosted and organized a Recruitment Drive by Khaleef Technologies on August 3, 2021.
- ✚ The Department of Home Economics, LCWU, hosted a workshop led 'Empowering Young Women for a better Future in Pakistan', on August 24, 2021. Ms. Shaista Khawar, a renowned floral, landscape, and monument designer, along with honorable Vice-Chancellor, Prof. Dr. Bushra Mirza, LCWU, and Prof. Dr. Muhammad Afzal graced the occasion.
- ✚ On August 4, 2021, the Department of Visual Arts hosted an inter-departmental Poster & Painting Exhibition's and competition at Iqra Auditorium. Honorable Vice-Chancellor, Prof. Dr. Bushra Mirza served as the Exhibition's Chief Guest, and Prof. Dr. Mohammad Afzal (Dean Faculty of Arts and Social Science) accompanied her as the Exhibition's Guest of Honor. The honored guests praised the students' visual responses, and three winners received certificates of recognition. The winners were Ammara Gul, Fiza Karim, and Anam Imran.
- ✚ Women's Peace Council, Director Student Affairs LCWU along with the Executive Council of LCWU, attended a meeting on 8th September at Governor House to promote public safety for women. During the discussion with Governor Punjab and Patron in Chief Mrs. Parveen Sarwar, a resolution was passed by Women's Peace Council.



- ✚ The Department of Political Science hosted a panel discussion was hosted in LCWU, on September 21, 2021, regarding the Sanity and respect of women in society. The event was attended by honorable Vice-Chancellor Prof. Dr. Bushra Mirza, LCWU and Directors of Students Affairs.
- ✚ Female students from four universities participated in the discussion to highlight the salient features of Lahore Police's campaign against harassment of women. Ghulam Mahmood Dogar, Capital City Police Office (CCPO), addressed the participants and said that it is the need of the hour to sensitize people to this issue. The CCPO advised students to adopt precautionary measures and download Punjab Police's 'Women Safety App' on their android phones to get immediate police help in case of any harassment or violence against them. Vice-Chancellor Prof. Dr. Bushra Mirza, LCWU, said that such panel discussions will construct a bridge between the mass and police. She emphasized that it was necessary for the victims to raise their voice against any harassment or violence and get legal help to bring the perpetrators to justice, not only teaching the culprit a lesson but also acting as a deterrent against them. The CCPO said Lahore police is establishing 'Women An-Harassment and Violence Cells' at Defense Area police station and Liberty Police Khidmat Markaz to ensure prompt support and redress of the grievances of affected women by registration of cases.



- ✚ Christmas Cake Cutting Ceremony was held at Lahore College for Women University. Vice Chancellor Prof. Dr. Bushra Mirza cut the Christmas cake with special participation.



Services Provided by Independent Living Center Lahore College for Women university includes, Provision of medical facilities as and when required 2. Provision of scholarships (100% Fee waiver as per policy of the Govt. of Punjab) 3. Career counseling and job placement under specified Quota 4. Provision of pick and drop service to special students 5. Provision of audio visual aid for partially blind students 6. Provision of electric wheelchair for physically challenged students under HEC Scheme 7. Provision of manual wheelchairs for assistance in medical center 8. Provision of lady attendants for care and mobility in the campus 9. Provision of brail language assistance 10. Provision of Perkin Machines 11. Provision of Translators 12. Computer Lab 13. Scanner and Printer 14. brail books for intermediate students 15. Recorded books 16. Provision of writers for assistance in examinations.

## SDG: 11 DECENT WORK AND ECONOMIC GROWTH

The world's population is constantly increasing. To accommodate everyone, we need to build modern, sustainable cities. For all of us to survive and prosper, we need new, intelligent urban planning that creates safe, affordable and resilient cities with green and culturally inspiring living conditions. In order to plan resilient cities, actions to achieve the indicators and sub-indicators of SDG 11 need to be ensured.

### Activities in the Year 2021:

#### LCWU infrastructure offering public access

Buildings and landscapes

Hockey Ground

#### Event conducted at Lahore College for Women University, Lahore Main Ground

#### Library

LCWU offers free access to its online library services

- + *Digital library*
- + *Mrs. Iffat Bokhari Library*
- + *LCWU online course directory*

## Museums and exhibition spaces

- ✚ *Zoology museum*
- ✚ *History Museum LCWU*

## Exhibition events

- ✚ Home Economics Project exhibition.

## LCWU contribution to arts and heritage

### 1 Arts and heritage Events

- Anti-corruption day/ NAB Anti-corruption competition by Visual Arts Department

### 2 Preserving cultural heritage

- *Fareeha Basit Khan Literary Society*

Fareeha Basit Khan Literary Society (FBK) is one of the most extensively dynamic and vibrant societies in the realm of University's extra-curricular activities. Seeking to enhance the students' taste in anything that gyrates around the perception of 'literary' and to provide them with a milieu which promotes interaction between like-minded people in the campus to cultivate a course of action of combined creative exchange and development.

### 3 Events

- *International Webinar "The Vision for Social Reforms and the Poetry of Firdowsi and Iqbal"*
- *Punjabi Conference*
- *Quaid-e Azam day competition*
- *Portrait competition Iqbal day*

## Sustainable practices on campus

### Sustainable commuting

University buses offer sustainable commuting for both the students and faculty, to the campus, from various parts of the city.



### Affordable housing for faculty

University offers affordable housing to faculty through its state of the art Faculty Hostel.

Staff quarters inside the university premises provide affordable housing to the non-teaching university staff.

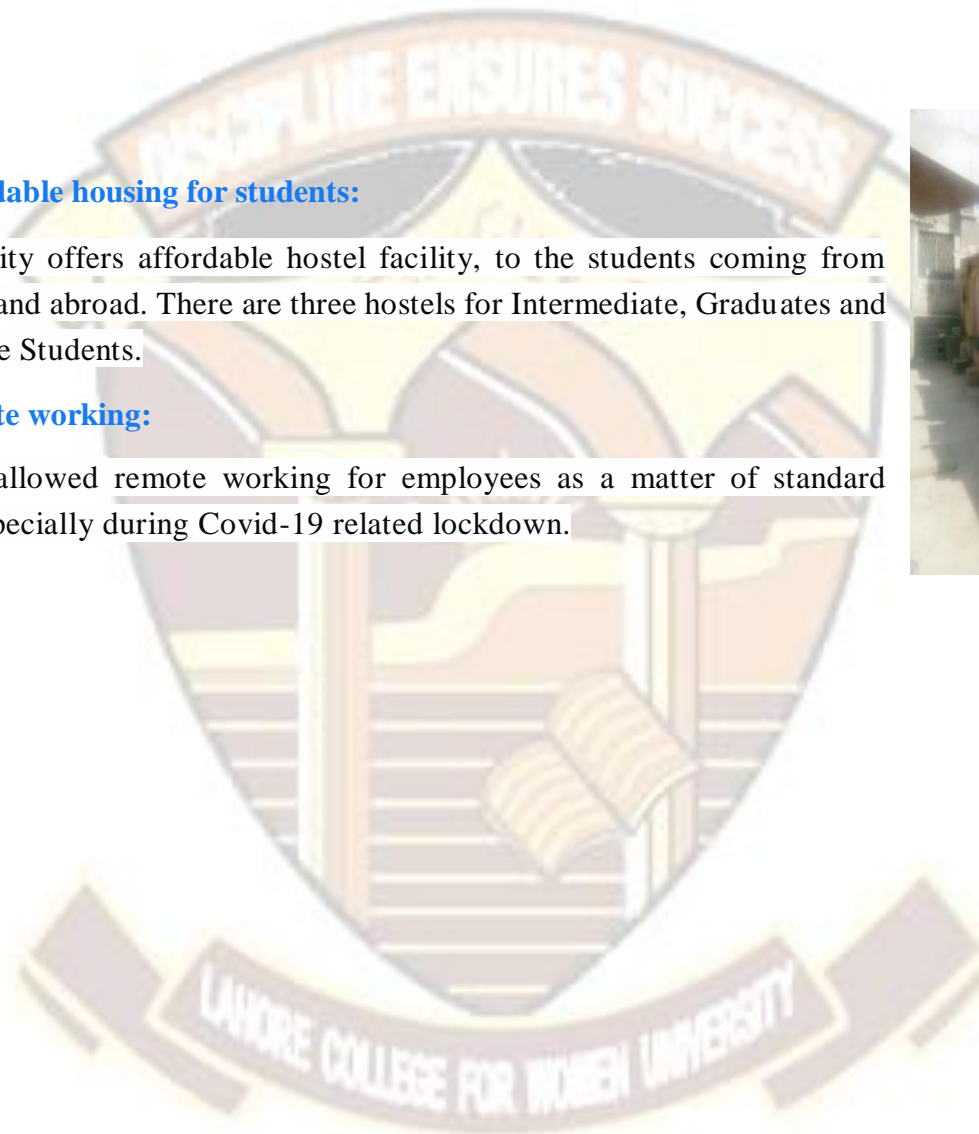


### **1 Affordable housing for students:**

The university offers affordable hostel facility, to the students coming from other cities and abroad. There are three hostels for Intermediate, Graduates and Postgraduate Students.

### **2 Remote working:**

University allowed remote working for employees as a matter of standard practice, especially during Covid-19 related lockdown.





## **SDG: 12 RESPONSIBLE CONSUMPTION AND PRODUCTION**

*Ethical sourcing policy, Policy on waste disposal - hazardous materials,  
Policy for minimization of plastic use, Policy for minimization of disposable items*

To meet the needs of Sustainable development goal **12 (SDG12)** a transformational shift is essential towards our current patterns of production and consumption thus emphasizing the deep systematic changes in current systems around the world. The main culprit deriving the environmental problems and climate change include the irresponsible consumption and production patterns. Over-exploitation of natural resources produce increase wastages hence leading us into a vicious circle of environmental degradation and pollution.

### **Ethical Sourcing Policy**

To ensure the ethical pricing of supplies in the University the Purchase Department strictly follows the rules and regulations under Austerity/Economic measures by the Finance Department, Government of the Punjab. For resource minimization for building and construction the guidelines provided by the Government document PPRA (Public Procurement Regulatory Authority) are followed by Project Director (PD) Department in the University. Moreover, there is Canteen Committee in the University for regular monitoring and price check of items sold in canteen.

### **Waste Disposal Policy**

All waste generated from the University including waste from the laboratories, canteens, offices and gardens is collectively disposed of at some landsite in Lahore on daily basis with permission from the Government. On average 1-1.5 ton/day solid waste is produced from the University.

### **Recycling of Paper waste**

The paper waste is collected from all departments by the Examination Branch of the University and Auction Committee handover all the recyclable material to the successful bidder.

### **Looking Ahead**

- ✚ *Say no to Plastics.*
- ✚ *Promote E-learning to reduce paper waste.*
- ✚ *Using Sustainable energy resources: Solar Energy*

## **SDG: 13 CLIMATE CHANGE**

Climate change is now affecting every country on every continent. It is disrupting national economies and affecting lives, costing people, communities. Urgent actions are needed to combat climate change and its impact.

Climate change is a global challenge that does not respect national borders. Emissions anywhere affect people everywhere. Therefore every individual and every organization must play its role. Organization and institutions all over the world are turning to renewable energy and a range of other measures like nature based solutions that will reduce greenhouse gas emissions and increase adaptation efforts.

Pakistan despite of fulfilling much of its responsibility towards this sustainable development goal is ranked fifth among the countries most vulnerable to climate change. So we at LCWU are fully aware of this fact and putting continuous efforts to play our role in combating climate change. LCWU comply fully with environmental legislation and officially approved codes of practices, and is making continues efforts to reduce its environmental impact through the implementation of its climate action plan which is aimed at carbon management.

During the year 2021 the activities of LCWU clearly depict its commitment towards SDG13. Different departments of University have put their efforts in mitigating climate change by organizing different events and activities.

### **Activities in the Year 2021:**

Following are the achievements and activities accomplished during this year.

### **Awareness and Education**

For the awareness and education of general public, staff and students different activities were conducted throughout the year by different departments of the university.

### **Webinar Related to Climate change**

On 3rd June, 2021 Environmental Science Department, Lahore College for Women University, Lahore organized a webinar in connection with World Environment Day celebrated on 5th June every year.

Speakers emphasized that organizations and individuals should counteract climate change, and rebuild our collapsing ecosystems. VC LCWU Prof. Dr. Bushra Mirza was the chief guest and shared her words on the importance of the ecological restoration activities for sustainable future. The webinar provided the student's opportunity to know about the environmental issues related to ecological destruction and their responsibilities to solve these issues.

### **Painting and Poster competition**

A painting and poster competition was held on 21<sup>st</sup> October, 2021 by Society of Environmental Action, Environmental Science Department, LCWU for highlighting the issues related to climate change students made 29 different posters. The posters highlighted the impacts of climate change on our planet and measures to tackle it.

### **Strengthening collaboration on the issue**

LCWU is strengthening its collaboration with other educational institutions, government and international organizations to achieve this goal.

In this connection a seminar on ‘Financing arrangements for ecosystem restoration in Pakistan’ was organized in collaboration with GC University Lahore, the United Nations Environment Programme and the Government of Pakistan. It was held at the GC University Lahore under the auspices of Sustainable Development Policy Institute (SDPI) in connection with the World Environment Day 2021.

Public service messages about climate change made by the students of different universities were also broadcasted at the seminar.



### TED x LCWU

TED x LCWU played a significant role in increasing climate activists. Different circles and a conference were arranged.

TED x LCWU hosted a circle in the month of March. The session took place on 25th March and the theme was 'Future cities and Urban Spaces'. This month's talk was by Angel Hsu on 'Cities are driving climate change: Here's how they can fix it'.

TED x LCWU arranged April Ted Circle on 24th April 2021 based on the theme “Future Cities and Urban Spaces”. Participants actively participated throughout the session, sharing their views on how urban cities can be designed and redesigned to make them more adaptable to human needs and the usage of technology to save our planet from these sudden and catastrophic climate changes.

On 23rd May 2021 the theme was ‘The Power of Nature’. This month’s talk was by Monica Araya on ‘How cities are detoxing transportation’

TED x LCWU hosted TED Circles meeting for June on 5th June 2021, the theme for this month was ‘The Power of Nature’. The talk by Ernestine Leikeki Sevidzem titled “A forest generation living in harmony with nature” was selected for viewing and discussion. The participants, mostly hailing from the metropolitan city of Lahore, talked about the lack of green spaces in their vicinities and its harsh impact on their climate. They also discussed the plausible means of tackling the increasing deforestation with afforestation in urban landscapes. The participants also pledged to adopt a more sustainable lifestyle.

TED July circle hosted a talk on 31 July 2021, Saturday on the theme ‘How to effectively talk about CLIMATE CHANGE’. This month’s talk was based on the video by John Marshall titled “3 strategies for effectively talking about climate change”. The talk was centered on why we need to rethink how we talk about climate change and offer small but effective language adjustments to get people to more intuitively understand and care about this immediate threat.

TEDxLCWU hosted the August TED CIRCLE on the theme "How to effectively talk about climate change", on 21st August 2021. The participants enthusiastically shared their take on the term "climate activist" and what it means to them. They were all on the same page about initiating more environment friendly initiatives; encouraging people to turn to farming, educating them to plant high yield seed, drip framing to save water, help farmers to experiment with new varieties and encouraging research practices.

On 25<sup>th</sup> Sep, 2021 the team of TEDxLCWU celebrated the completion of 2 years of TED by that 20 sessions have been organized and hosted, focusing specifically on climate change and global warming. We hope to continue this practice and engage more students and faculty so they also become climate activist

TEDxLCWU hosted its October TED Circle under the supervision of the registered TED Circle host Ms. Shagufta Moghal on October 30, 2021. The selected Ted talk by Kristie Ebi titled, 'How climate change could make our food less nutritious'. The participants had a very meaningful exchange in which they identified the problems that resulted from extreme change in weather patterns and how they pose threats to not only plants but directly to humans. Takeaway statements by the attendees stated that they can think of health holistically by monitoring what they eat, by maintaining a balanced diet and by reducing their carbon foot print.

On Dec 2, 2021 TEDxLCWU hosted an International Conference on the theme of 'Countdown', an initiative of TED to combat climate change. Countdown is a worldwide drive to promote and enable solutions to the climate crisis; it is an attempt to turn this blue planet into a safer place to live. Climate change is an immediate reality and a global concern for survival of billions of living organisms. TED Countdown focuses on seeking solutions to climate issues in five fundamental, interconnected areas: energy, transport, materials, food, and nature. .

During the conference a display of climate friendly building structures and models was presented by the students of Architecture Department, LCWU.



A Painting competition on climate Issues was also organized during the conference



TEDx LCWU hosted its virtual December TED Circle online, on 18th December, 2021.



The session was a highly interactive learning experience in which students from not only various LCWU departments but other universities joined and discussed the theme of 'Reimagining the Global Economy.' The chosen TED talk by Johan Rocstrom, titled: 'let the environment guide our development' the participants were encouraged to talk about the actions could be taken on individual level to reduce carbon footprint how they in their personal capacity could create conditions for change at home university and community. Many suggestions were highlighted in which they unanimously agreed on re-calibrating their fundamental values with food, their daily commute and the choices they make in order to de-carbonize their lifestyles.

### Plantation campaigns

Tree plantation is regularly done by LCWU to reduce its carbon foot prints. And different campaigns have been organized to achieve this purpose Following were the few of plantation campaigns.

LCWU is manifesting its ongoing commitment to Mother Earth under the patronage of Vice Chancellor Prof. Dr. Bushra Mirza by conducting Tree plantation drive in Lahore. Students of Environmental Science Department planted over 500 plants making their sincere efforts to Ecosystem Restoration and Green earth.

Two Days Tree Plantation campaign at LCWU was started on 4th August, 2021 under the flagship of Botany Department and Forest Dept., Govt of Punjab, in collaboration with Urban Farming Promotion Committee and Estate Office, LCWU.

### Engaging Students through Active Citizens program

DFDI, in collaboration with the British Council is running the Active Citizens Program at LCWU with the aim of encouraging student groups to get engaged in social services by developing and delivering sustainable projects on urgent themes among which climate action is one of the main these. During this year students came up with following Social Action projects (SAPs) on this theme.

- *Eco freaks*
- *Nature Guardians*

- *Innovation in the Discarded Paper*
- *Metal Reuse Awareness*
- *Smog Busters*
- *Consumption and Production, Climate Action*
- *Awareness on Water Conservation and Reduction in Greenhouse Gases*
- *Installation of Carbon Sinks*
- *Caretakers- Pollution and its impact on birds*
- *eco-warriors- Smog Awareness*
- *Implications of Deforestation on Climate*
- *Reduce Plastic consumption*
- *Effect of Climate change on Mental Health*
- *planting by recycling to save the environment*
- *save the environment, save a life*
- *Plastic Recycling*
- *trees for life*
- *More trees safer and cleaner environment*
- *save the planet*
- *abatement of plastic pollution: reduce reuse recycle*
- *deforestation*
- *recycle for the lifecycle*
- *zero waste*



- *Role of 3Rs in Climate Change*
- *Urban Farming*
- *Impact of Waste on Climate Change*
- *Plantation of Trees*
- *Wildlife Protection Regarding Endangered Species under the theme of Climate Change*
- *Air Pollution*

British Council held ‘Youth Climate Action Summit 2021’ on 29th November, 2021 in Islamabad where LCWU’s two Social Action Projects (SAPs) on Climate Action supporting the SDG from previous phase were selected for presentation at the summit. Two focal persons from the groups Tehmeena Asghar (BS Zoology) and Laaibah Suleman (BS Interior Design) were accompanied with Dr. Bisma Ejaz, Head ACP, DFDI.



## SDG: 14 LIFE BELOW WATER

### END POLLUTING WATER, END POLLUTING LIFE

The ocean drives global systems that make the Earth habitable for humankind. Our rainwater, drinking water, weather, climate, coastlines, much of our food, and even the oxygen in the air we breathe, are all ultimately provided and regulated by the sea. Careful management of this essential global resource is a key feature of a sustainable future. However, at the current time, there is a continuous deterioration of coastal waters owing to pollution, and ocean acidification is having an adversarial effect on the functioning of ecosystems and biodiversity. This is also negatively impacting small scale fisheries. Saving our ocean must remain a priority. Marine biodiversity is critical to the health of people and our planet. Marine protected areas need to be effectively managed and well-resourced and regulations need to be put in place to reduce overfishing, marine pollution and ocean acidification.

#### Activities in the Year 2021:

#### RESEARCH

Water is life: The protection of water as well as life in water is essential. Different research groups are active in research about life in water. Fisheries and Aquaculture lab, LCWU, was established to study the fish physiology.

Toxicology and immunology research group, LCWU, works on various aspects of reproductive biology of carps, effect of environmental changes on their physiology, maturation control, aquatic toxicology, gene toxicity, immunological and microbial diseases.

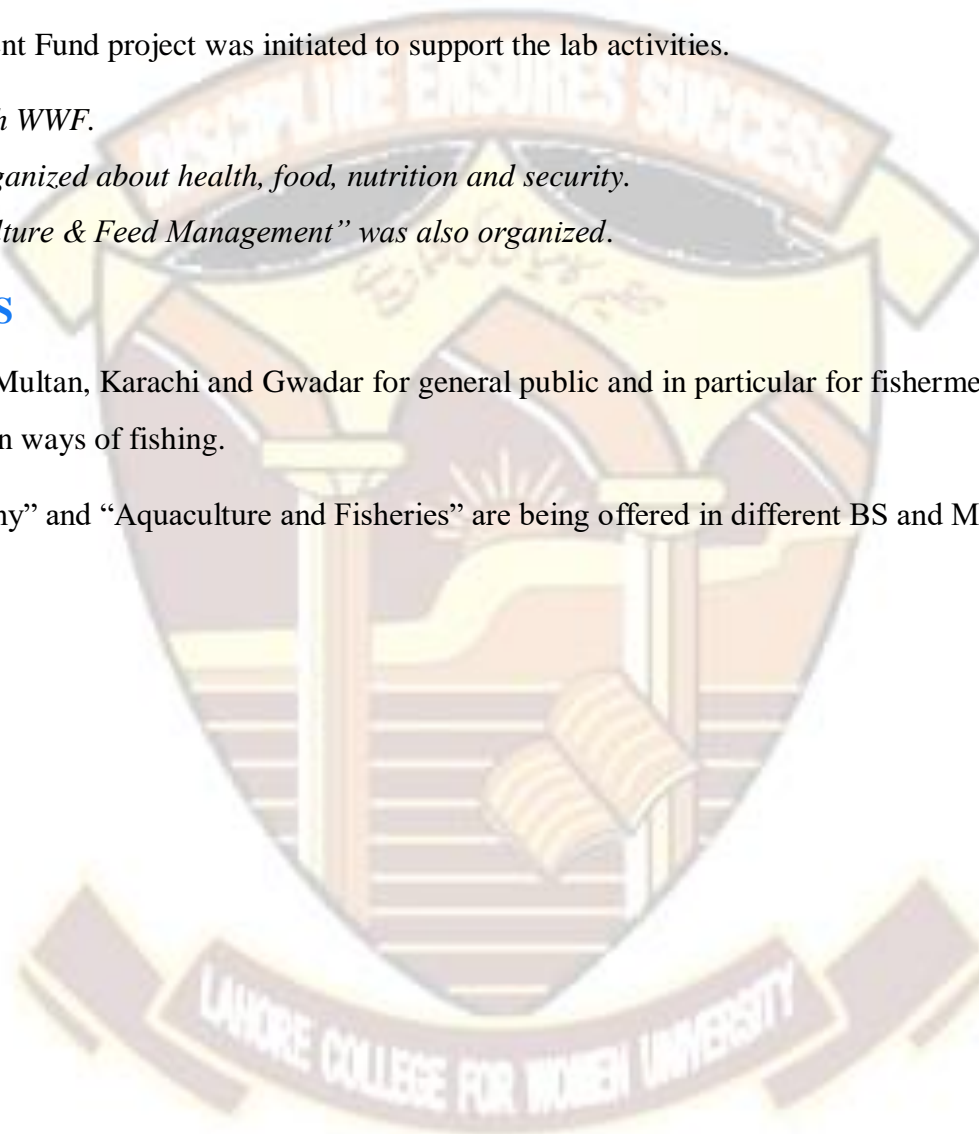
First Technology Development Fund project was initiated to support the lab activities.

- ✦ *MOU was signed with WWF.*
- ✦ *Conferences were organized about health, food, nutrition and security.*
- ✦ *Seminar on “Aquaculture & Feed Management” was also organized.*

## **PUBLIC AWARENESS**

Seminars were organized in Multan, Karachi and Gwadar for general public and in particular for fishermen in Gwadar to create awareness about most modern ways of fishing.

The courses of “Oceanography” and “Aquaculture and Fisheries” are being offered in different BS and MS programmes.



## SDG: 15 LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

SDG 15 relates to other SDGs since biodiversity and the ecosystem can also be the basis for climate change adaptation and disaster risk reduction strategies (SDG13). Life on the land and life below water (SDG14) are interlinked, and life throughout the ecosystem provides routes out of hunger (SDG2) and poverty (SDG1). Clean water (SDG6) and clean energy (SDG7) are also vital to maintaining life on land.

### Targets:

- By 2030, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements
- By 2030, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally
- By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world
- By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development
- Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2030, protect and prevent the extinction of threatened species

- Promote fair and equitable sharing of the benefits arising from the utilization of genetic resources and promote appropriate access to such resources, as internationally agreed
- Take urgent action to end poaching and trafficking of protected species of flora and fauna and address both demand and supply of illegal wildlife products
- By 2030, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the priority species
- By 2030, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts
- Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems
- Mobilize significant resources from all sources and at all levels to finance sustainable forest management and provide adequate incentives to developing countries to advance such management, including for conservation and reforestation
- Enhance global support for efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities

#### **Activities in the Year 2021:**

- ✚ *Collaborate with the local community to maintain shared land ecosystems through ACP Projects.*
- ✚ *Vegetable farming on campus (LCWU & KSK) by estate office.*
- ✚ *Tree Planation Campaign at LCWU in 2021.*

- ✦ *Ban on use of cold drinks and plastic bags in canteens and offices.*
- ✦ *Lab Safety Standards in different labs for discarding hazardous waste.*
- ✦ *Supporting land ecosystems through education.*
- ✦ *Research on land ecosystems.*

### **Following Educational programmes are being offered at LCWU:**

#### **Postgraduates**

- ❖ *Zoo-EC-505: “Restoration Ecology and Sustainable Development”*
- ❖ *Zoo- Epide -503: “Environmental and occupational health”*

#### **Undergraduates**

- ❖ *Maj/Zoo-308: “Animal Diversity and Wild Life”*
- ❖ *Min/Bot-201: “Plant Physiology and Ecology”*
- ❖ *EC/Zoo-407: “Restoration Ecology and Sustainable Development”*
- ❖ *SP/Zoo-Env-437: “Environmental Issues of Pakistan”*





## **SDG: 16 PEACE, JUSTICE AND STRONG INSTITUTION**

Sustainable development is not possible without peace, stability, human rights and effective governance, based on the rule of law. Although the world is increasingly divided, some regions enjoy peace, security and prosperity, while others fall into seemingly endless cycles of conflict and violence. This is not inevitable and must be addressed. Armed violence and insecurity have a destructive impact on a country's development, affecting economic growth, and often resulting in grievances that last for generations. Sexual violence, crime, exploitation and torture are also prevalent where there is conflict, or no rule of law, and countries must take measures to protect those who are most at risk. The SDGs aim to significantly reduce all forms of violence, and work with governments and communities to end conflict and insecurity. Promoting the rule of law and human rights are key to this process, as is reducing the flow of illicit arms and strengthening the participation of developing countries in the institutions of global governance.

### **Achievement of the Year 2021:**

- 1.** LCWU has a Student Council which is a student-administrated body. The primary aim of the Directorate of Students Affairs is to facilitate students in every possible way under one umbrella and to help students develop balanced personalities; to instill moral values, integrity, civic sense and tolerance leading to a broader vision of life. The Student Council has always played a pivotal role in the management of student affairs and in organizing co-curricular events and activities. It facilitates students in addressing their problems related to academics, co-curricular activities, sports, libraries, examinations, transport, health, fee, career planning and discipline etc.
- 2.** For the identification of Stakeholder's engagement, LCWU has Directorate of Faculty Development and Internationalization (DFDI). The vision & mission of Directorate of Faculty Development and Internationalization is to enhance Innovation through

pedagogical and organizational development, international knowledge transfer, support to research and development, and positive stakeholder engagement.

3. LCWU has started an Active Citizen Program in collaboration with the British Council. Active Citizens is a not for profit programme run by the British Council in partnership with civil society organizations and educational institutions to encourage groups of youth to engage in social responsibility by developing and delivering sustainable projects on urgent themes such as poverty, literacy, democracy and climate change.
4. The LCWU, Lahore is a public sector University. The PEEDA Act 2006 (The Punjab Employees Efficiency, Discipline and Accountability Act 2006) of the Government of Punjab is applied on the University employees and different cases are dealt with under this act.
5. The chapter 5 of the statutes of the LCWU Lahore mentions all the commitments against organized crime, corruption & bribery.
6. The LCWU has approved Research policy which can be downloaded from the given link. The Academic freedom related matters are mentioned at page 164 under heading "Tenure Track Appointments".
7. The University publishes its Annual Report for an academic year. The given evidences of financial data are part of University Annual Reports.
8. LCWU through its Department of City and Regional Planning was involved in providing expert advice to Government regarding Lahore Master Plan 2050.

## SDG: 17 PARTNERSHIP FOR THE GOALS

*"Strengthen the means of implementation and revitalize the global partnership for sustainable development"*

Sustainable development is the responsibility of every part of society, across the world. SDG 17 refers to the need for cross sector and cross country collaboration in pursuit of all the goals and emphasis on the need that countries should align their policies. To achieve sustainable development not only linkages, across the goals are important, but also between institutions, governments, companies, NGOs, and people. Universities support the SDGs through collaboration with other countries, the promotion of best practices and the publication of data and evidence on their performance against each of the 17 SDGs. To achieve success, all partners should work together towards the SDGs.

SDG 17 explicitly relates to all other SDGs. governments, civil society, scientists, academia and the private sector needs to come together for achieving the sustainable development goals. This refers to a collaborative effort in which parties from different societal sectors pool resources to provide solutions to SDG-related issues.

## Activities in the Year 2021:

LCWU DIRECTLY GOT INVOLVED IN POLICY DEVELOPMENT OF DIFFERENT SDGs AT VARIOUS LEVELS. FOR EXAMPLE:

- ❖ Higher Education Commission of Pakistan every year launches a local challenge fund (LCF) project addresses topics associated with the Sustainable Development Goals. The LCWU participate every year in the project. The outcome of the projects is then utilized in policy making regarding SDGs.
- ❖ MOU Signed between Women Development Centre between LCWU & Women Development Department in August 2021 to strengthen their relation by establishment of Women Development Centre (WDC), to provide/facilitate about awareness for carrier development, entrepreneurship, online educational facilities and capacity building for further plans, in the premises of LCWU, Lahore on co-finance basis.



LCWU DID PARTICIPATE IN VARIOUS EVENTS OF CROSS-SECTORAL DIALOGUES. SOME OF THEM ARE AS FOLLOWS:

- ❖ Panel discussion on 16 Days of Activism was held at Lahore College for Women University on **December 7, 2021** in collaboration with Punjab Commission on the Status of Women and All Pakistan Women Association . The first discussion was entitled "**End Violence Against Women** " as per one of the SDGs' main goals, gender equality.



- ❖ A penal discussion held at Lahore College for Women University (LCWU) in coordination with Lahore Capital city police office (CCPO) on 22 September 2021. Female students from four universities participated the discussion to highlight the salient features of Lahore Police's campaign against harassment of women. The event was attended by vice chancellor LCWU and Directors Students Affairs from different Universities. The focus of penal discussion is to express solidarity with women, assuring them our full support against any sort of harassment and violence.



### International Collaboration on Data gathering for SDGs and collaboration for SDG best practices:

- ❖ LCWU organized LOI signing ceremony on 17th November 2021 between Physics Department LCWU and Durham University UK. This co-operation program aims to foster advancement in teaching, research, cultural understanding of both institutions through Collaboration in research projects, Joint conference, seminars, workshop on SDGs, Access to research laboratories, Sharing of academic data, publications and Other areas of mutual interest.
- ❖ A Letter of Intent (LOI) was signed between Department of Elementary and Teacher Education, as Representatives of Lahore College for Women University, and as Alif Laila Book Bus Society (ALBSS) as Representatives of Creativity, Culture and Education Newcastle, (UK) in a ceremony held in the Syndicate Hall on November 18, 2021.
- ❖ LCWU provides data to Bureau of Statistics, Government of Pakistan which is further used in collaboration with many international agencies.



- ❖ On 7th April, 2021 Lahore College for Women University (LCWU) inked two MoUs separately with **EGB4 Technologies (US) and Imam Khumani International University Qazvin, Iran**. This international memorandum calls for collaboration in research, instruction, and faculty exchange between the LCWU and IKU. By this MOU the two universities desire to develop academic cooperation in various fields, and agreed to initiate collaborative activities in academic areas of mutual interest such as exchange of faculty and researchers for purpose of teaching, conducting lectures and research, exchange of expertise, exchange of students, conducting collaborative research projects, jointly organizing symposia, seminars, and conferences as well as sharing of academic information and materials focusing on SDGs.
- ❖ LCWU has signed MOUs and conducted various international conferences and webinars where different approaches were reviewed and best practices were developed.



**LCWU collaborated with various NGOs in Year 2021 for tackling SDGs. Some of them are:**

- ❖ LCWU has collaborated with Pakistan Alliance of Early Childhood.
- ❖ LCWU has collaborated with Diyal Singh Research and Culture Forum.
- ❖ LCWU also collaborated with innovators Garage.

### Programs offered by LCWU focusing SDGs:

- ❖ LCWU is offering BS, MS, and PhD in various SDG relevant programs e.g, Pharmacy, Psychology, Zoology, Botany, Environmental Science, Gender Studies, Social Work, and Economics focusing on SDG 4, 5, 6, 12& 13 etc.
- ❖ LCWU has dedicated full degree programs for many SDGS, including but not limited to quality education (SDG-4). These programs are offered by Department of Secondary Education, Department of Elementary and Teacher Education, and STEM Education Department.
- ❖ LCWU through its e-Rozgar program offers free of cost educational courses to women including alumni, and local residents.
- ❖ Our university has adopted Active Citizenship program (ACP) of British Council. The ACP conducted a list of programs in local schools and community.
- ❖ LCWU in collaboration with Higher Education Commission (HEC) Pakistan under Digital Learning & Skills Enrichment Initiative (DLSEI) is offering Students and Faculty a great opportunity for skill development and certifications from world's top universities through Coursera platform to equip women with skills and empower them and also to end poverty and unemployment.
- ❖ LCWU won NAVTTC short courses programme at LCWU under the PM Hunermand program in November, 2021. ORIC-LCWU regularly organizes sessions on Entrepreneurship and business startups in collaboration with the Punjab Information Technology Board (PITB). Many faculty members are engaged in various capacities in different organizations and universities as speakers/panelists/judges for various innovations summits/startup camps.