



**1st International
Conference of
Sustainable
Development Goals**
29th -31st March
Lahore, Pakistan

Lahore College for Women University, Lahore

Detailed Program

All Three Days

Scientific Session – SDG 1: No Poverty

Scientific Chair SDG 1: Prof. Dr. Masooma Abbas, Research Center Art and Design, LCWU

Art Exhibition

Venue: Naseem Hafiz Qazi (NHQ) Art Gallery, Institute of Design and Visual Arts, LCWU

Curator: Dr. Sadia Murtaza and Ms. Nida Ijaz

Organizer: Ayesha Saddiqa

Inauguration: 11:45 am

Scientific Session – SDG 12: Responsible Consumption and Production

Scientific Chair SDG 12 (Social Sciences Stream): Dr. Asma Seemi Malik

Exhibit on Reducing, Reusing and Recycling

Venue: Bushra Khan Gallery, Iqra Auditorium

Inauguration: 11:45 am

Scientific Session – SDG 3: Good Health and Well Being

Scientific Chair SDG 3 (Social Sciences Stream): Prof. Dr Amina Muazzam

Exhibit on Health and Well Being

Venue: Zamurad Safdar Gallery, Iqra Auditorium

Inauguration: 11:45 am

Selected Posters from all Scientific Sessions

Venue: Foyers of Iqra Auditorium

Inauguration: 11:45 am



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Day 1: Tuesday, 29th March 2022

Plenary Session (Session 1)

Session Chair: Prof. Dr. Bushra Mirza (T.I), Vice Chancellor, LCWU

9:00 AM – 1:00 PM

Iqra Auditorium

8:00-9:30	Registrations and Guests to be seated
9:30-9:45	Recitation, Welcome and Overview of the Conference
9:45-10:00	Address by the Session Chair: Worthy Vice Chancellor, LCWU
10:00-10:20	Keynote speaker 1 (Honorable Mr. Qasim Ali Shah)
10:20-10:40	Keynote speaker 2 (Prof. Dr. Zabta Khan Shinwari (SI, TI))
10:40-11:00	Keynote speaker 3 (Honorable Mr. Mudassar Riaz Malik)
11:00-11:15	Address by the Chief Guest: Mr. Zaigham Mehmood Rizvi, Chairman Naya Pakistan Housing Task Force
11:15-11:45	Refreshments
11:45- 12:00	Inauguration of Art Exhibit at NHQ Art Gallery, By Hon. Mr. Mudassar Malik Inauguration of Exhibit on Reducing, Reusing and Recycling & Exhibit of Mental Health and Well Being by Hon. Mr. Qasim Ali Shah Inauguration of Poster Foyers by the Hon. Chief Guest, Prof. Dr. Zabta Khan Shinwari (S.I) (T.I) and Prof. Dr. Qammer Abbasi
12:00-12:30	Plenary Talk by Prof. Dr. Qammer Abbasi
12:30 – 1:00	Plenary Talk by Dr. Samar Mubarik Mand (NI, HI, SI)

1:00 PM – 2:00 PM

Lunch

Vegan Lunch with An Emphasis on Zero Food Wastage

(SDG 13: Climate Change, SDG 2: Zero Hunger, SDG 12: Responsible Consumption & Production)

2:00 PM – 4:30 PM (Concurrent Sessions)

Day 1, Session 2	Day 1, Session 3	Day 1. Session 4
Iqra Auditorium	Student Service Center	Seminar Hall, Chemistry Department
SDG 13: Climate Action, SDG 14: Life under Water, SDG 15: Life on Land	SDG 5: Gender Equality	SDG 2: Zero Hunger

4:30 PM – 6:30 PM

Musical Evening by GCU Music Society in Iqra Auditorium



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Day 1, Session 2 (Iqra Auditorium)

SDG 13,14 and 15 (Climate Action, Life under Water and Life on Land)

Scientific Chair SDG 13: Prof. Dr. Arifa Tahir

Scientific Chair SDG 14: Prof. Dr. Farzana Rashid

Scientific Chair SDG 15: Prof. Dr. Zubaida Yousaf

Session Chair(s): Prof. Dr. Zabta Khan Shinwari (S.I) and Prof. Dr. Hassan Sher

Moderator: Dr. Samina Sarwar

Facilitators: Dr. Mobina Ulfat

2:00 – 2:05	Address by Scientific Chairs
2:05-2:30	Keynote: Prof. Dr. Kausar Abdullah Malik
2:30-2:45	Invited Speaker 1: Prof. Dr. M. Ashraf
2:45 -3:00	Invited Speaker 2: Dr. Ali Hussain Kazim, University of Engineering & Technology, Lahore

Time	Speaker	Title
3:00 – 3:10	Dr. Sibgha Noreen	Impact of foliar fertigation of ascorbic acid and tocopherol with zinc on antioxidant activity of barley (<i>Hordeum vulgare</i> L.) under
3:10 – 3:20	Asma Afzal	Stress alleviation and intestinal mucosal health improvement in response to dietary rosemary oil and <i>Nigella sativa</i> in quails.
3:20 – 3:30	Dr. Kafeel Ahmed	Copper accumulation in some waste water irrigated plant and their transfer in blood of human.
3:30 – 3:40	Dr. M. Hafeez ur Rehman	Development of fish cake sensory and proximate analysis by utilizing low cost fish species
3:40 – 3:50	Dr. Sadaf Gull	Distribution of phytoplankton diversity and abundance in North Arabian Sea, shelf of Pakistan
3:50 – 3:55	Muhammad Inayat	Optimization of rice spacing density and fish species to improve production and eco sustainability through rice fish co-culture
3:55 – 4:05	Shariq Waheed	Impact of gender on perception and adaptation strategies against climate change in Lahore Pakistan. A cross sectional study.
4:05 – 4:15	Arshad Ali Sheday	Spatiotemporal assessment and valuation of key regulating ecosystem services and linkages with the SDGs in the terrestrial ecosystem of Pakistan

4:15-4:30pm Closing by Session Chair + Certificates and Shield Distribution



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Day 1, Session 3 (Student Service Center) SDG5: Gender Equality

Scientific Chair SDG 5: Prof. Dr. Amina Muazzam
Moderator: Ms. Sana Belal and Dr. Maryam Gul
Facilitators: Ayesha Ashfaq and Sana Shahid
Session Chair (s): Prof. Dr. Sara Shahid and Prof. Dr. Shahida Batool

1:55-2:00	Guests to be Seated
2:00-2:10	Address by Scientific Chair
2:10-2:20	Keynote Speaker: Dr. Sara Rizvi Jaffree, “Breaking Cultural Barriers facing Pakistani Girls’ Schooling through Social Interventions”
2:20-2:30	Invited Speaker 1: Dr. Azra Batool
2:30-2:40	Invited Speaker 2: Ms Rabia Riasat Director Program CPWB
2:40-2:50	Invited Speaker 3: SDPO Anum Tajammul

SCIENTIFIC SESSION

Time	Authors	Title of Presentation
2:50 – 3:00	Hassan Ibrahim Tela, and Sadia Khan, Department of Psychology, Lahore Leads University, Pakistan	Female Entrepreneurship as a Sustainable Development Goal 2030; A Stakeholder’s Perspective in Pakistani Context
3:00-3:10	Marwa Ijaz, Rabia Khurshid, and Suhaib Aamir, Air University School of Management (AUSOM), Air University, Islamabad, Pakistan	Gender Equality in the Tourism Industry of Pakistan: An Assessment of Difficulties and Challenges Faced by Transgender Tourists
3:10-3:20	Nabeela Nazly, Dr. Saqib Rehman, and Dr. Adeel Nasir, Department of Management Sciences, LCWU	Spring In Women Empowerment For Sustainable Society
3:20-3:30	Rehmana Khalil, Farhat Jamil, and Ruhi Khalid, Department of Psychology, Beaconhouse National University, Pakistan.	Reasons of Crime, Personality and Guilt in Women Prisoners
3:30-3:40	Sadia Jabeen and Dr. Sonia Omer, Department of Sociology, Virtual University of Pakistan, Pakistan and Department of Social Work, University of the Punjab, Lahore, Pakistan.	Gender Sensitive Public Policy Initiatives: An Analytical Study of Women Empowerment Package (2012-2016) Punjab
3:40-3:50	Sunnia Malik, Department of English, Bahauddin Zakariya University, Multan, Pakistan	Comparative Study of Archetype Heer And Contemporary Woman In Patriarchal Society

4:00-4:10 Closing by Session Chair
4:10-4:30 Certificates and Shield Distribution + Refreshments



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Day 1, Session 4 (Seminar Hall, Chemistry Department)

SDG 2: Zero Hunger

Scientific Chair SDG 2: Prof. Dr. Erum Akbar Hussain

Session Chair: Prof. Dr. Ahmad Adnan

Moderator: Dr. Sana Ahmad

Facilitator: Ms. Bareera Ejaz

2:05pm	Address by Scientific Chair
2:15-2:40pm	Plenary Talk: Dr. Rahat Naseer, University of Veterinary and Animal Sciences "Zero Hunger & Research Potential of Pure Sciences"
2:40-3:00pm	Keynote Speaker 1: Dr. Maliha Uroos, University of The Punjab "Attaining SDG 2 by Utilization of Agricultural Waste to Produce Food Grade Glucose"
3:00-3:20pm	Keynote Speaker 2: Dr. Arjumand Iqbal, University of Engineering & Technology, Lahore "The Role of Food Chemists in Fighting against Hunger and Stunting in Pakistan"

Time	Speakers	Title
3:20- 3:30	Faisal Mehdi	Effect of heat stress on activities of sucrose metabolizing enzymes in relation to sucrose accumulation.
3:30 – 3:40	Amna Ashfaq	Nutraceutical frameworks - Combating healthy food scarcity.
3:40 – 3:50	Waqas Shair	Effects of social safety net programme on household food insecurity in Pakistan
3:50- 4:00	Nazish Saleem	The hidden hunger: vitamin d deficiency intensifies the insulin resistance in obese women in Pakistan

4:00-4:30pm Closing by Session Chair + Certificates and Shield Distribution + Refreshments



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Day 2: Wednesday 30th 2022

Morning Concurrent Sessions

Day 2, Session 1	Day 2, Session 2	Day 2. Session 3	Day 2, Session 4	Day 2, Session 5	Day 2, Session 6
9:00 – 11:00	9:00 – 11:30	9:00 – 11:00	9:30 – 12:50	10:50 – 12:40	10:30 – 12:40
Iqra Auditorium	Student Service Center	IT Seminar Hall	Management Science Dept	(Online) Persian Dept	Firdowsi Room, Persian Dept
SDG 4: Quality Education	SDG 15: Life on Land	SDG 7: Affordable and Clean Energy	SDG 8: Decent Work and Economic Growth	SDG 16: Peace	SDG 16: Peace

Early Afternoon Concurrent Sessions

Day 2, Session 7	Day 2, Session 8	Day 2. Session 9	Day 2, Session 10
11:30 AM -1:20 PM	11:30 AM -1:30 PM	11:30 AM -1:30 PM	11:30 AM -1:30 PM
Iqra Auditorium	Student Service Center	IT Seminar Hall	Seminar Room, Botany Dept
SDG 4: Quality Education	SDG 15: Life on Land	SDG 9: Industry, Innovation & Infrastructure SDG 17: Partnership for Goals	SDG 15: Life on Land

Afternoon Concurrent Sessions

Day 2, Session 11	Day 2, Session 12	Day 2. Session 13	Day 2, Session 14	Day 2, Session 15
2:30PM-4:20PM	2:30PM-4:50PM	2:30PM-4:30PM	2:30PM-4:30PM	2:30PM-4:30PM
Iqra Auditorium	Student Service Center	IT Seminar Hall	G-35 Social Science Building	Seminar Room Biotechnology Dept
SDG 4: Quality Education	SDG 15: Life on Land	SDG 9: Industry, Innovation & Infrastructure SDG 17: Partnership for Goals	SDG 4: Quality Education	SDG 4: Quality Education



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Day 2, Session 1 (Iqra Auditorium)

SDG 4: Quality Education

Scientific Chair: Dr. Ghazala Noureen and Dr. Fakhra Aziz

Session Chair: Prof. Dr. Mumtaz Akhter

Moderator: Dr. Tayyaba Batool, **Facilitators:** Maria Nasir, Zainab and Yusaira

9:00-9:30	Guests to be seated
09:30-09:40	Address by Scientific Chairs
09:40-10:00	Keynote: Dr. Muhammad Saeed, Head Department of Education, University of Lahore
10:00-10:15	Invited Speaker 1 (Virtual): Dr. Bilal Anwar Senior Lecturer EFL/ESOL at East Sussex, UK.
10:15 – 10:25	Invited Speaker 2: Mr. Najam Mazari (Chiltan Pure)
10:25 – 10:35	Invited Speaker 3: Mr. Kashif Junaid, CEO Denim By Mood
10:35-10:45	Guest of Honor: Prof. Dr. Mumtaz Akhter, Dean Social Sciences, UMT

10:45-11:00 Comments by Session Chair + Certificates and Shield Distribution

11:00 – 11:30 Refreshments

Day 2, Session 2 (Student Service Center)

SDG 15 (Life on Land)

Scientific Chair SDG 15: Prof. Dr. Zubaida Yousaf

Session Chair 1: Prof. Dr. Hassan Sher, **Session Chair 2:** Dr. Arshad Javaid

Moderator: Dr. Sumera Iqbal, **Facilitator:** Dr. Amna Tariq

09:00- 09:10	Registration and Guests to be Seated
09:10-09:20	Welcome Address by Scientific Chair
09:20 - 09:40	Keynote: Prof. Dr. Ashraf
09:40 – 10:00	Invited Speaker: Prof. Dr. Zafar Khan Baloch

Time	Speaker	Title
10:00-10:10	Naveera Akhtar	Role of used tea leaves (<i>Thea sinensis</i>) against salt stress (naf) in canola (<i>Brassica napus</i>)
10:10-10:20	Dr. Hussan Bano	Potential changes in photosynthesis and chlorophyll a fluorescence of mash cultivars under drought stress
10:20-10:30	Shehzad Akhtar	Toxicological potential of zinc in soil-vegetables grown with diverse regimes of irrigation and their public health implications
10:30-10:40	Dr. Abdul Ghani	Response of maize to exogenously applied chromium: elucidation of possible tolerance mechanism
10:40-10:50	Dr. Sibgha Noreen	Impact of foliar fertigation of ascorbic acid and tocopherol with zinc on antioxidant activity of Barley (<i>Hordeum vulgare</i> L.) under



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10:50-11:00	Dr. Zill e Huma Aftab	Nano-biochar induced defense response against bacterial leaf spot (<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i>) of chilies
11:00- 11:10	Dr. Mobina Ulfat	Insights into salt tolerance mechanism through RNA-seq analysis of canola (<i>Brassica napus</i> L.) grown under nacl stress
11:10-11:20	Dr. Aisha Nazir	Achieving pollution abatement of tannery solid waste through biochar at open dumps – a huge threat to related SDGs
11:20– 11:30	Dr. Sadia Nawaz	Genetic Variations are Susceptible factor to Aggressive Behavior Among Convicted Criminal Prisoners in Punjab Pakistan
11:20– 11:30	Dr. Aisha Nazir	Achieving pollution abatement of tannery solid waste through biochar at open dumps – a huge threat to related SDGs

Day 2, Session 3 (IT Seminar Hall)

SDG 7: Affordable and Clean Energy

Scientific Chair: Dr. Sadia Murawaat

Session Chair: Dr. Jawad Sarwar, UET Lahore

Moderator: Ms. Ahlam Jameel

9:00-9:10	Address by Scientific Chair
09:15-09:30	Keynote: Dr. Muhamaad Nawaz (Virtual) National University of Singapore
09:30-9:45	Invited Speaker 1: Dr. Rabia Nazir, UET Lahore, “Clean energy access and off-grid system: An opportunity to empower a Billion lives”
10:30-10:45	Invited Speaker 2: Dr. Abdul Sattar Nizami, Sustainability Study Center, GCU, “Biorefinery; Emerging Trends in Circular Bioeconomy for Sustainable Development”
10:45 – 11:00	Invited Speaker 3: Dr. Muhammad Farooq, UET Lahore, “Waste to energy: Challenges and opportunities for sustainable clean energy solutions in Pakistan”

Time	Authors	Title
9:45-9:55	Sadia Murawwat, Anisa Batool	Model Predictive Control And Active Disturbance Rejection Control Algorithms Ensuring Clean Energy For All By Reducing Fuel Consumption And Emissions
9:55-10:05	Rehana Kausar, Tayyaba Raza	Production And Storage Of Energy Using Graphene Based Nano-Composites
10:05-10:15	Zohra Nazir Kiyani, Alveena Shahid	Synthesis and Characterization of Cobalt Oxide nanostructured thin film for affordable and clean energy storage device
10:15-10:20	Rubab Nazar, Abdul Sattar Nizami	Development of a Sustainable biomass supply chain in Pakistan
10:20-10:30	Asma Naeem, Rimsha Musharraf, Ayesha Tariq	Power generation by footsteps

11:00-11:15 Closing by Session Chair + Certificates and Shield Distribution + Refreshments

Poster Session (10:00 – 12:00)

Asma Naeem, Rimsha Musharraf, Ayesha Tariq, Electrical Engineering Dept, LCWU	Plant Irrigation System
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Gohar Latif, Kashaf Nasir, Aeman, Ayesha Tariq, Electrical Engineering Dept, LCWU	Lead Acid Battery Charger
Zainab Bashir, Zohra Nazir Kayani, Physics Dept, LCWU	Boron-doped zinc oxide films; Probe of Antibacterial and Optical Properties
Maryam Anwar, Zohra Nazir Kayani, Physics Dept, LCWU	Use of Gd-doped ZnO thin films in Optoelectronic devices
Aima Maqbool, Maab Akbar, Ayesha Tariq, , Electrical Engineering Dept, LCWU	Water Wheel Based Energy Generation
Samavia Nawaz, Mehak Fatima, Maryam Ahmad, Nukhba Shehzad, , Electrical Engineering Dept, LCWU	MPPT Solar Charge Controller
Maroosh Hameed, Mehak Sohail, Ayesha Tariq, Rimsha Musharraf , Anum Shaheen, Maryam Naveed and Sajjad Rabbani, , Electrical Engineering Dept, LCWU	Air Pollution Detection and Control System

Day 2, Session 4 (Management Science Department)

SDG 8: Decent Work & Economic Growth

Scientific Chair: Dr. Samia Nasreen

Session Chair: Dr. Shazia Kousar

Moderator: Dr. Hafsa Batool, **Facilitators:** Faryal Ishtiaq, Saira Arsh and Khadija Tul Kubra

9:30	Guests to be Seated	
9:30-9:40	Address by Scientific Chair	
9:40-10:00	Keynote address: Dr. Muhammad Salahuddin Ayyubi; FCCU Lahore “The myth and reality of decent work and economic growth”	
Time	Authors	Title
10:00-10:10	Atifa Arif, Asma Asghar	Impact of Terrorism on Economic Growth of Pakistan
10:10 -10:20	Dr Ahmad Bilal	Tasalsul; The Role of Film in Pakistan to Create Awareness About Environmental Issue
10:20-10:30	Prof Dr. Abdul Majid Khan, Prof Dr. Muhammad Yasir, Sadoon Hanif	Sensitization of women domestic workers to decent living: A case study of district Abbottabad
10:30-10:40	Rabbia Arshad	Impact of Ethical Climate and Extra-Role Performance Behavior: Mediating Role of Employee Engagement
10:40-10:50	Ms. Rabia Aslam, Dr. Saqib Rehman, Dr. Adeel Nasir	Achieving decent work environment through sustainable business performance
10:50 – 11:00	Amber Pervaiz	Green Economic Growth: A Road Towards Sustainable Development (Evidence from South Asian Economies)
11:00-11:30	Refreshments	



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11:30-11:40	Sidra Azam, Ramsha Saleem	External Resources, and Economic Growth: Moderating role of Institutional Quality; An Evidence from Selected Developing Countries
11:40-11:50	Mehwish Gulzar	Does Public Debt Effect Economic Growth? (Analytical Study of Pakistan)
11:50-12:00	Asma Abdul Rehman, Dr Shazia Kousar, Dr. Samia Nasreen	Role of Technology and Social factors on women empowerment in higher educational institutions of Punjab, Pakistan
12:00-12:10	Rubab Aslam Malik, Dr. Hafsa Batool	Socio-Economic Antecedents of Women Entrepreneurship Mindset in Achieving Sustainable Economic Development: A Case Study of Punjab, Pakistan
12:10-12:20	Faryal Ishtiaq, Dr Samia Nasreen	The Role of ICT and Financial Development in Economic Growth of Asian Economies
12:20-12:30	Bushra Mushtaq, Prof. Dr. Muhammad Afzal, Dr. Muhammad Afzal	Linkages Among Technological Spillover, Absorptive Capacity and Economic Growth: A Nonlinear Autoregressive Distributed Lag Approach

12:30pm-12:50pm: Closing by Session Chair + Certificates and Shield Distribution

Day 2, Session 5 (Online) (Persian Department)

SDG 16: Peace

Scientific Chair: Prof. Dr. S. Faleeha Zahra Kazmi

Moderator: Dr. Hira Gilani, **Facilitators:** Dr. Maria Umer

10:50	Address by the Scientific Chair
11:00	Prof. Dr. Sheikhzadeh, Vice Chancellor University of Bojnurd –Iran
11:10	Prof. Dr Saleem Mazhar, Pro-Vice Chancellor University of Punjab
11:20	Dr.Aygun Alizadeh, The Institute of Oriental Studies- Azerbaijan
11:30	Dr. Galiya Kabarbekova, Oriental studies faculty Middle East and South Asia Department Al-Farabi Kazakh National University-Kazakhstan
11:40	Prof. Dr. Nimat Yaldirim, Chairperson Persian Department, University of Attaturk- Turkey
11:50	Prof. Dr. Amna Mahmood, Department of Politics & International Relations, International Islamic University, Islamabad
12:00	Ms. Aisha Saddiqa, Chairperson Department of Graphic Design, IDVA, LCWU
12:10	Mizanur Rehman, PhD Rsearch Fellow, University of Rajshahi – Bangladesh
12:20	Ms. Pernekulova Meruyert, Senior Lecturer, Oriental Studies Faculty Middle East and South Asia Department, Al-Farabi Kazakh National University-Kazakhstan
12:30	Vote of Thanks by Conference Chair



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Day 2, Session 6 (Firdowsi Room Persian Department)

SDG 16: Peace

Scientific Chair: Prof. Dr. S. Faleeha Zahra Kazmi

Moderator: Dr. Faiza Kiran, **Facilitators:** Dr. Maria Umer

Time	Presenter	Title of Presentation
10:30	Tuba Rufa	Glimpses of Peace and Harmony in malbonaw Behr-ul-Irfan
10:35	Hira Siddiq	Message of Peace by Hazrat Nizam ud din view of Fawaid ul Fawaid
10:40	Fazila Munawar	Peace & Harmony in Rumis's Poetry
10:45	Habiba Khurshed	Peace & Harmony in Thousand Sufi Tales
10:50	Maham Imran	Message of Peace & in the spiritual aspect of Saadi & Hafiz
10:55	Sonia Yaseen	Rol of Mysticism in oneness of Religions
11:00	TasmiaTariq	Teaching of Islamic Mysticism Friendship, Brotherhood & oneness
11:05	Nimra Farooq	Study of Role of Mysticism in Creating Peaceful coexistence
11:10	Masooma Wadood	Mysticism in the Peace of Naseer ud din Golravi
11:15	Shaheen Hanif	Razi Artimassi a Mystic and peace poet
11:20	Zainab Khalid	War and Peace in Mystical Teachings
11:25	Maham Khan	A Criticism on the idealogy of "Sulah-e-Kul" in Mysticism
11:30	Maleeha Zahid	Educational & Mystical researches & comperative study of Gulistan & Baharistan-e-Jami
11:35	Sadia Raheem	"Faith" in the light of Sultan Bahu's Mystical Ideology
11:40	Zahra Murtaza	نقش فکر حضرت سلطان باهو در فلاح نوع بشر
11:45	Hirra Gillani	سبیرغ از دیدگاه شاعران فارسی
11:50	Sana Gillani	مثنوی ولی رام، تلالو عرفان و سلوک مولانا در سر زمین شبه قاره
11:55	Nighat Prveen	صلح و آشتی در دوره رنجیت سنگھ
12:00	Bisma Ikram	بررسی بن مایه های عرفانی در غزل فاضل نظری با تکیه بر سه گانه غزلیات
12:05	Maria Ali	امنیت و صلح در زمان سوشون از سیمین دانشور
12:10	Rohama un nisa	عرفان و تجلی آن در غزلیات حویزی
12:15	Alina Dilshad	جهان بینی عرفانی زبان فارسی پژوهشی در نسبت میان افول فارسی و رواج خشونت در پاکستان
12:20	Kiran Nadeem	صلح و آشتی در کلام عزیز الدین
12:25	Rabia Asif	Guru Nanak as Sufi Saint
12:30	Rimsha Ali	درس صلح و آشتی در راحت العاشقین از خواجه محمد سلیمان تونسوی (با تکیه بر نسخه دست نویس از میاں محمد درزی)
12:35	Sadaf Naz	تطبیقی کشف المحجوب و طبقات الصوفیه

Day 2, Session 7 (Iqra Auditorium)

SDG 4: Quality Education

Scientific Chair: Dr. Ghazala Noureen and Dr. Fakhra Aziz

Session Chair: Prof. Dr. Mumtaz Akhter

Moderator: Dr. Tayyaba Batool, **Facilitators:** Maria Nasir, Zainab and Yusaira

11:30-11:35	Welcome Address by Scientific Chair
11:35-11:50	Invited Speaker 1: Prof. Dr. Ayaz Muhammad khan, Director, Division of Education, University of Education
11: 50-12: 05	Invited Speaker 2: Prof. Dr. Faisal Bari, Director, School of Humanities and Social Sciences LUMS
12:05 -12:20	Invited Speaker 3: (Recorded) Dr Farha Sattar Charles Darwin University Australia



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12:20-12:35	Invited Speaker 4: Malik Khalid Yaqoob, Seasons Group
12:35-12:50	Invited Speaker 5: (virtual/recorded) Dr. Nabil G Alawadeh (Jordan)
12:50- 01:05	Invited Speaker 6: Ali Hashim University of Sussex, UK. English Language as A Communication Barrier for Quality Education in Pakistan.

01:05-01:20 Comments by Session Chair + Certificates and Shields Distribution

Day 2, Session 8 (Student Service Center) SDG 15 (Life on Land)

Scientific Chair SDG 15: Prof. Dr. Zubaida Yousaf

Session Chair 1: Prof. Dr. Rehmatullah Qureshi, **Session Chair 2:** Prof. Dr. Farrukh Nawaz

Moderator: Dr. Shabnum Shaheen, **Facilitators:** Dr. Riffat Siddique

11:30 – 11:50	Keynote Speaker: Prof. Dr. Hassan Sher
11:50 – 12:10	Invited Speaker: Dr. Arshad Javaid

Time	Speaker	Abstract title
12:10-12:20	Asma Ahmed	Effect of different concentrations of zinc oxide nanoparticles and zinc sulphate on wheat (<i>Triticum aestivum</i> L.) plant growth.
12:20-12:30	M, Shafiq	Role of composting-based decentralized municipal solid waste management in achieving prioritized sdgs in Pakistan.
12:30-12:40	Farzana Abbas	Effect of different stocking density of Tilapia on growth and biochemical composition of both rice and fish in integrated rice cum fish farming system.
12:40-12:50	Dr. Kiran Shehzadi	Evaluation of the effect of zinc oxide nanoparticles on seed germination and vegetative parameters of <i>Capsicum annum</i> .
12:50-1:00	Shabana Kausar	Antihemolytic and radical scavenging potential of <i>Calotropis procera</i> (aiton).
1:00-1:10	Faiza Anum	Phytochemical analysis and fungistatic potential of <i>Achyranthus aspera</i> L. against <i>Colletotrichum gloeosporioides</i> penz
1:10 – 1:20	Dr. Arusa Aftab	Morphological variability assessment of worldwide germplasm of pharmaceutically important plant <i>Nigella sativa</i> L.
1:20 – 1:30	Dr. Riffat Siddique	Comparison of phytoconstituents and antioxidant potential of Begomoviruses infected and healthy <i>Hibiscus rosa-sinensis</i> L.

Day 2, Session 9 (IT Seminar Hall) SDG 9 (Industry, Innovation and Infrastructure) & SDG 17 (Partnership for Goals)

Scientific Chair SDG 9: Dr. Engr. Aqsa Shabbir

Scientific Chair SDG 17: Dr. Saima Farhan

Session Chair: Prof. Dr. Muhammad Aslam

Moderator: Dr. Maria Anjum, **Facilitators:** Ms. Ramsha Mukhtar & Ms. Aqsa Munir



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11:20	Guests to be Seated
11:25 – 11:30	Welcome address by Scientific Chair
11:30 – 11:45	Invited Speaker 1: Dr. Kamran Ali, (Virtual) Middlesex University London
11:45 – 12:00	Invited Speaker 2: Dr. Ali Hammad Akber, Associate Professor, Department of Computer Engineering, UET Lahore, “Understanding SDGs in the context of Pakistan”

Time	Authors	Title of Presentation
12:00	Waqas Shair, Dr. Muhammad Nawaz, Dr. Mumtaz Anwar, Abdul Waheed School of Economics & Finance, Minhaj University Lahore, Pakistan & School of Economics, University of the Punjab Lahore, Pakistan	Differential ICT Usage Opportunity among the Individuals of Pakistan
12:10	S. Nasir, M. Toseef, Gul Baddin, M. Rameez Baig, Physics department, university of Kotli, AJ&K, Pakistan	Efficiency Enhancement Through Light Harvesting in Organic Inorganic Hybrid Solar Cells
12:20	Sidra Rafique, Sabahat Ahmad, Fatima Anjum, Maria Saleemi, Wajeeha Malik, Rabia Javed	Collaborative Platform for Physiological Wellbeing through Emotion Recognition to Achieve Healthy and Sustainable Society
12:30	Wajeeha Malik, Fahima Tahir, Rabia Javed, Sidra Rafique	Smart Solution to Address Natural Disasters Through Early Warnings for Cross Border Sustainable Environment and Society
12:40	Rabia Javed, Attia Anis, Wajeeha Malik	A Cross-Platform Skin Cancer Treatment Technique Through Collaboration and Partnership of Healthcare Practitioners
12:50	Fatima Anjum, Komal Bashir, Faria Kanwal, Ayesha Iqbal, Ayesha Afzaal	Agriculture Transformation Through Cross Borders Transferable Advanced Technologies for Sustainable Crop Production
1:00	Maria Saleemi, Maria Anjum, Sidra Rafique, Rabia Asghar	An Efficient, Effective and Transferable Ubiquitous Platform for Women and Child Safety to Enable Secure and Sustainable Society

Poster Session: 11:00 – 1:00	
Ifrah Tahir, Isma Tariq, Mubarra Nazir, Amina Ahmad, Ayesha Tariq and Rimsha Musharraf, Electrical Engineering Dept, LCWU	Line Follower Robot
Ayesha AD, Ayesha Javed and Ayesha Tariq, Electrical Engineering Dept, LCWU	Biometric Attendance System Using ATmega32
Aqsa Iqbal, Sarah Rehman, Fatima Karamat, and Ayesha Tariq, Electrical Engineering Dept, LCWU	Color Sensing Arduino
Afifa Azam, Arooj Asad, Huda Naeem, Rabia Saleem, Electrical Engineering Dept, LCWU	Self-Driving Car
Dr. Aqsa Shabbir, Javeria Zafeer, Javeria Aamir Ali, Areeba Ali and Sahiqa Noor, Electrical Engineering, LCWU	Low-cost portable mechanical ventilator
Saira Arsh, Dr. Samia Nasreen, Economics Dept., LCWU	The impact of ICT on tourism development in Asia: Evidence from panel data analysis
S. Nasir, M. Toseef, Gul Baddin, M. Rameez Baig, Physics department, University of Kotli, AJ&K, Pakistan	Efficiency enhancement through light harvesting in organic inorganic hybrid solar cells
Waqas Shair, School of Economics & Finance, Minhaj University Lahore, Pakistan & Department of Economics, University of the Punjab Lahore, Pakistan	Differential ICT usage opportunity among the individuals of Pakistan



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Asma Shahid, Bushra Amjad, Samina Naz and Iram, Electrical Engineering, LCWU	Robo server for food management services
Khadija Basharat, Sidra Hanif, Filza Fatima and Amna Ameen, Electrical Engineering, LCWU	Optimized solar generation monitoring & control through iiot 4.0 scada over cloud
Farooq Alam , Umair Rana ² , Tahreem Akram, Areej Murtaza, Muskan Zehra, Rutaba, M. Usman Nadeem and Syed Sajjad Zaidi, NUST and Dept. of Avionics Engg, Karachi Institute of Economics and Technology.	Robust droop controller design for The microgrid energy storage systems

1:10-1:30pm Comments by Session Chair +Certificates and Shield Distribution

Day 2, Session 10 (Seminar Room, Botany Department)

SDG 15 (Life on Land)

Scientific Chair SDG 15: Prof. Dr. Zubaida Yousaf

Session Chair 1: Prof. Dr. Zafar Baloch, **Session Chair 2:** Dr. M. Wasim

Moderator: Dr. Khajista Jabeen, **Facilitators:** Dr. Hannan Mukhtar

11:25 – 11:30	Address by the Scientific Chair
11:30 – 11:50	Keynote Speaker: Prof. Dr. Tehmina Anjum
11:50 – 12:10	Invited Speaker: Prof. Dr. Zeb Siddique

Time	Speaker	Title
12:10-12:20	Dr. Shabnum Shaheen	Taxonomic and phytochemical analysis of geminivirus infected and healthy <i>Duranta erecta</i> (L.)
12:20-12:30	Dr. Samina Sarwar	Diversity of toxin producing micromycetes on different cereal seeds collected from local markets in Pakistan
12:30-12:40	Iqra Haider Khan	<i>Aspergillus</i> species as new biocontrol agents against <i>Macrophomina phaseolina</i>
12:40-12:50	Nadia Riaz Qamar	Development of Carrot Nutraceutical Products as An Alternative Supplement for The Prevention of Nutritional Diseases
12:50-1:0	Misbah Amir	Physiological survival strategies in maize under drought stress
1:00-1:10	Dr. Asif Shabbir	Lab-scale biogas production from agriculture and kitchen wastes using different anaerobic gas generating systems
1:10- 1:20	Dr. Sobia Ilyas	A report on micromycetes from rice fields of district narowal
1:20- 1:30	Dr. Kafeel Ahmed	Copper acculaulation in some wastewater irrigated plant and their transfer in blood of human

1:30-1:40pm Comments by Session Chair

1:40-1:50pm Certificates and Shield Distribution

Day 2, Session 12 (Iqra Auditorium)

SDG 4: Quality Education

Scientific Chair: Dr. Ghazala Noureen and Dr. Fakhra Aziz

Session Chair: Dr. Ijaz Ahmad Tatlah

Moderator: Dr. Afifa Khanam



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02:20 – 02:25	Address by the Scientific Chair
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Time	Author	Title
2:40-2:55	Iqra Toor, Dr. Gazala Noureen	Role of Homework in Improving the Quality of Education at Secondary Level
2:55-3:05	Muhammad Bilal, Hira Farhan and Ayesha Jabeen	Self-Concealment, Apprehension and Interpersonal Difficulties in University Students
3:05-3:15	Ms. Naila Latif, Ms. Iqra Asim	Role of School Monitoring in School Quality Enhancement
3:15-3:25	Saadia Intezar	Rate Of Returns to Investment In Education and Human Capital in Pakistan
3:25-3:35	Sana Javed, Dr Aishah Siddiquah	Factors Affecting Quality Management at Higher Education Institutions; from The Eyes of Institutional Leaders
3:35-3:45	Fatima Hanif, Dr. Sadaf Jabeen	Relationship between Teacher-Student Rapport, Learners' Autonomy and Academic Achievement at University Level
3:45-3:50	Dr. Qurratulain Rehan, Duranayab Farooq and Iffrah Hayat	Exploring Sustainable Development Goals and Moral Values in the Oxford Social Studies Textbooks for Primary Classes
3:50-4:00	Dr. Mubashara Akhtar Dr. Fasiha Altaf	Impact of Science Teachers' Attitude on Academic Achievement of Students at Secondary Level in Lahore

4:00-4:30pm Comments by Session Chair + Certificates and Shield Distribution

Day 2, Session 13 (Student Service Center)

SDG 15 (Life on Land)

Scientific Chair SDG 15: Prof. Dr. Zubaida Yousaf

Session Chair 1: Prof. Dr. Tehmina Anjum, **Session Chair 2:** Dr. Kafeel

Moderator: Dr. Kiran Shehzadi, **Facilitators:** Dr. Arusa Aftab

2:30-2:50	Keynote: (Virtual) Prof. Lindsey C Stringer
2:50-3:10	Invited Speaker: Prof. Dr. Wasim

Time	Speaker	Abstract title
3:10 – 3:20	Nazia Rehman	Genome wide identification of NLR gene family in tomato (<i>Solanum lycopersicum</i>) and their relatedness to fungal diseases resistance
3:20 – 3:30	Dr. Faiza Saleem	Potential of <i>Bacillus subtilis</i> for heterologous expression of human interleukin-2 (hil-2) gene
3:30 – 3:40	Dr. M. Wasim	Exploring the genetic potential of Pakistani Soybean cultivars through rna-seq based transcriptome analysis
3:40 – 3:50	Faisal Mehdi	Effect of heat stress on activities of sucrose metabolizing enzymes in relation to sucrose accumulation
3:50 – 4:00	Afifa Younas	Physiological and biochemical changes induced by Qiangdi nano-863 biological assistant growth apparatus during rice seed priming under temperature stress
4:00 – 4:10	Dr. Hannan Mukhtar	Comparative biocheical analysis of fruit extract of the commercially available varieties of <i>Punica granatum</i> l.
4:10 – 4:20	Dr. Nosheen Yousaf	Taxonomy and phylogeny of phallales from pakistan



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4:20 – 4:30	Farah Naz	Anti-biogram of multidrug resistant staphylococcus aureus isolated from community acquired infection in pakistan: a phenotypic and genotypic approach
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4:30-4:40pm Comments by Session Chair

4:40-4:50pm Certificates and Shield Distribution

Day 2, Session 9 (IT Seminar Hall) SDG 9 (Industry, Innovation and Infrastructure) & SDG 17 (Partnership for Goals)

Scientific Chair SDG 9: Dr. Engr. Aqsa Shabbir

Scientific Chair SDG 17: Dr. Saima Farhan

Session Chair: Prof. Dr. Kashif Javed

Moderator: Dr. Maria Saleemi, **Facilitators:** Ms. Ramsha Mukhtar

2:30-2:35	Address by Scientific Chair
2:35-2:50	Dr. Sadaf Hina, Department of Computer Science, UET, Lahore
2:50-3:05	Dr. Yasmin Ansari (Virtual), Scuola Superiore Sant'Anna, Pisa

Time	Author	Abstract title
3:05	Attia Anis*, Rabia Javed	Determining Seed Viability Through Advanced Technologies to Address Low Crop Production in Agricultural Countries
3:15	Ayesha Iqbal*, Ayesha Afzaal, Fatima Anjum, Faria Kanwal and Komal Bashir	Smart Traffic Control Solution for Green Sustainable Cities Through Advanced Transferable Technologies
03:25	Ayesha Afzaal*, Ayesha Iqbal, Faria Kanwal, Fatima Anjum and Komal Bashir	Transferable and Cost-effective end-user Energy consumption techniques for smart grids to achieve sustainable economic growth and improved environment
03:35	Faria Kanwal*, Fatima Anjum, Komal Bashir, Ayesha Iqbal, Ayesha Afzaal	A Collaborative Sustainable Quality Assessment and Evaluation Solution for Online Learning Platforms to Achieve Cross Border Educational Transformation
03:45	Komal Bashir*, Faria Kanwal, Fatima Anjum, Ayesha Iqbal, Ayesha Afzaal	Agriculture Knowledge Management Through Collaboration and Partnership for Sustainable Crop Production and Food Security
03:55	Huma Tauseef*, Komal Bashir, Arzoo Taj, Humaira Shabbir, Maheen Akhtar, Sabahat Faria	Transferable Predictive Technologies for Epileptic Seizure Detection to Improve Healthcare Services
04:05	Maria Anjum*, Humaira Kosar, Maria Saleemi	Sustainable Transformation of Agriculture Practices Through Collaboration and Technology Mashup

4:15-4:30pm Comments by Session Chair + Certificates and Shield Distribution



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Day 2, Session 15 (G-35 Social Science

Building)

SDG 4: Quality Education

Scientific Chair SDG 4: Dr. Ghazala Noureen and Dr. Fakhra Aziz

Session Chair 1: Dr. Ghazal Khalid

Moderator: Dr. Sadaf Jabeen

Participants to be seated 2:30-2:40pm		
Time	Author	Title
2:40-2:50	Dr Saira Taj Asfa Zaigham	The Effect Of Teacher Efficacy And Emotional Intelligence On The Teaching Competence Of Prospective Teachers Studying In Public Universities Of Lahore.
2:50-3:00	Dr. Syeda Tehzeeb Alvi	Impact Of Leadership Style In The Assurance Of Quality Performance
3:00-3:10	Laiba Fatima, Dr. Affifa Khanam	Factors Affecting The Development Of Moral Behavior At Secondary Level
3:10-3:20	Dr. Mahvish Fatima Kashif, Dr. Faiza Shaheen,	Relationship Between Motivation And Job Performance Of University Teachers
3:20-3:30	Assist. Prof. Dr. Mehmet Veysi Babayiğit, Batman University,	Investigating The Role Of Communicative And Cultural Topics On The Conversational Skills Of Efl (English As A Foreign Language) Learners: A Case Of High School Students
3:30-3:40	Muhammad Yasir Nadeem Agha Abdul Majid Abdul Basit Durani	Determinants Of Decent Work And Its Outcomes; The Role Of Social Support And Vocational Support For Domestic Women Workers
3:40-3:50	Namirah Aslam, Gulnaz Fatima , Hina Akbar	To Promote Gender-Equality Through Quality Education In Rural Areas Of Lahore
3:50-4:00	Sadia Murawwat Ahlam Jameel Ismat Hira	Role of Outcome Based Education in Achievement of SDGs

4:00-4:30 Comments by Session Chair + Certificates and Shield Distribution

Day 2, Session 16 (Seminar Room Biotechnology Department)

SDG 4: Quality Education

Scientific Chair: Dr. Ghazala Noureen and Dr. Fakhra Aziz

Session Chair: Dr. Huma Lodhi

Moderator: Dr. Rabia

Participants to be seated 2:30-2:40pm		
Time	Speaker	Title
2:40-2:50	Sehrish Hamid Butt	Service Involvement and Civic Attitudes of NUST University's Alumni Assistant Manager Community Service.
2:50-3:00	Dr Anam Noshaba, Misham Israr and Sania Rehan	Effect Of Servant Leadership On Employees'engagement At Public Colleges Of Lahore



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3:00-3:10	Maheen Mumtaz	Improving Quality Education Through Acts Of Volunteerism- A Pathway Of Achieving Sustainable Development Goals
3:10-3:20	Syed Ali Asad Naqvi	Geospatially Modelling Education Status Inequalities and Determinants in Pakistan: A Geographic Information System-Based Study in Context of Sustainable Development Goal-4
3:20-3:30	Shabnam Khan	Ensuring Equitable Quality Education (Sdg4) Of Disable Students Through Resource Distribution Justice For Promotion Of Lifelong Learning
3:30-3:40	Dr. Tayyaba Batool, Iqra Nasir	Role Of Medium of Instruction On Students' Achievement At Elementary Level
3:40-3:50	Dr Ijaz Ahmad Tatlah Dr Tahira Kalsoom	Investigating Teaching Quality and Teachers' Performance from Students' perspective at University Level Abdul Haseeb Mujahid
3:50-4:00	Iqra Akram and Dr Tahira Kalsoom	Evaluation of B.Ed. (Elementary) 4-years Program Offered by Distance and Universities through CIPP Model.
4:00-4:10	Sehar Arif	Relationship between Academic Stress and Academic Achievement at Secondary Level

4:10-4:20 Comments by Session Chair + Certificates and Shield Distribution



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Day 3: Thursday, 31st March 2022

Morning Concurrent Sessions

Day 3, Session 1	Day 3, Session 2	Day 3, Session 3	Day 3, Session 4	Day 3, Session 5	Day 3, Session 6	Day 3, Session 7	Day 3 Session 8	Day 3 Session 9	Day 3, Session 10
9:00-11:30	9:00- 11:10	9:30-1:15	10:40-11:45	9:00-11:00	9:00- 11:15	9:00 - 11:00	9:00- 11:45	9:30-01:15	9:30-12:00
Iqra Auditorium	Student Service Center	IT Seminar Hall	Persian Department	Committee Room	Pharmacy Department	Seminar Room Biotechnology Department	CRP Department	Chemistry Department	G35, Social Sciences
SDG 3: Good Health & Well-being (Pharmacy)	SDG 6: Clean water and sanitation	SDG 16: Justice and Strong Institutions	SDG 16: Peace	SDG 3: Good Health & Well-being	SDG 3: Good Health & Well-being	SDG 3: Good Health & Well-being	SDG 11: Sustainable cities & communities	SDG 12: Responsible consumption and production	SDG 9 & 17: Industry & Partnership for Goals (ORIC Roundtable)

Early Afternoon Concurrent Session

Day 3, Session 11	Day 3, Session 12	Day 3, Session 14	Day 3, Session 15
11:30- 1:30	11:30 -1:30	12:00 -1:45	11:30-12:30
Iqra Auditorium	Student Service Center	CRP Department	Pharmacy Dept
SDG 3: Good Health & Well-being	SDG 6: Clean water and sanitation	SDG10: Reduced inequalities	SDG 3: Good Health & Well-being (Pharmacy)

Late Afternoon



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2:30 – 3:30 Panel Discussion	Theme: Mental health & wellbeing in the context of gender inequality Panelists: Prof .Dr. Ruhi Khalid, Prof .Dr.Asir Ajmal, Prof. Dr. Uroosa Faheem, Prof.Dr. Imran Ijaz Haider, Prof.Dr. Usman Hotiyana Moderator: Prof. Dr. Amina Muazzam Facilitators: Dr.Saima Ahmad, Dr. Maryam Hassan Iqra Asif and Zara Haroon
3: 30 – 4:30	Closing Ceremony

Day 3, Session 1 (Iqra Auditorium)

SDG 3: Good Health & Well Being (Pharmacy)

Scientific Chair SDG 3 (Science Stream): Prof. Dr. Humaira Majeed Khan

Scientific Chair 1: Prof. Dr. Khawaja Tahir Mehmood, **Scientific Chair 2:** Prof. Dr. Syed Atif Raza

Moderator: Dr. Hafsa Afzal, **Facilitator:** Dr. Mobeena Manzoor, Dr. Misbah Hameed, Dr. Fatima Amin

9:05	Welcome Address by the Scientific Chair
9:15-9:35	Keynote: Prof. Dr. Nasir Abbas

Time	Presenters	Title
9:35-9:45	Prof. Dr. Humaira Majeed Khan	Therapeutic spectrum of herbal oil-loaded orabase formulation for localized delivery against oral candidiasis: in-vitro and in-vivo study
9:45 - 9:55	Dr. Ali Sharif	Acute and sub-chronic toxicity study of pirarubicin loaded poly-lactic-co-glycolic acid nano-particles
9:55- 10:05	Dr. Saira Hafeez Kamran	Protective effect of glycyrrhiza glabra l. In bleomycin induced pulmonary fibrosis
10:05-10:15	Dr. Sumera Latif	Design and evaluation of orodispersible film containing diltiazem hydrochloride with taste masked effects
10:15-10:25	Dr. Hafsa Afzal	Diclofenac saccharin cocrystals: development, preliminary pharmacotechnical and pharmacokinetic characterization
10:25-10:35	Dr. Fatima Amin	Impact of arteriovenous7. Fistula on daily life activities and pharmacotherapy outcomes among hemodialysis patients in a tertiary care hospital of lahore
10:35-10:45	Dr. Misbah Hameed	Formulation and evaluation of a clove oil-encapsulated nanofiber formulation for effective wound-healing
10:45-10:55	Sara Sattar	Evaluation of anti-arthritic activity of <i>eichhornia crassipes</i> in diminution of rheumatoid arthritis using sprague-dawley rat model
10:55-11:05	Kiran Mashal	Treatment of Rheumatoid Arthritis by <i>Fragaria nubicola</i> in Rat Model
11:05-11:30	Address by Session Chair + Certificates & Shields Distribution	



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Day 3, Session 2 (Student Service Center)

SDG 6: Clean Water and Sanitation

Scientific Chair SDG 6: Prof. Dr. Zohra Nazir Kayani

Session Chair: Prof. Dr. Safia Anjum

Moderator: Dr. Salma Waseem, **Facilitator:** Maryam Anwar

09:00-09:05	Guests to be Seated
09:10-09:15	Welcome address by Scientific Chair
09:15-09:30	Plenary lecture: Prof. Dr. Zohra Nazir Kayani: LCWU, Lahore, Pakistan. “Synthesis and application of Titania photo catalyst for the water treatment and sanitation”
09:30-09:50	Invited Speaker 1: Dr. Khalid Nadeem Riaz: University of Okara, Okara, Pakistan. “Photocatalysis: Energy and Environmental Applications”
09:50-10:10	Invited Speaker 2: Dr. Muhammad Najam Khan: BUIITEMS, Quetta, Pakistan. “Urbanization And Associated Domestic Water Consumption Problems in Faisalabad City”
10:10-10:30	Invited Speaker 3: Dr. Muhammad Yasin Naz: University of Agriculture, Faisalabad, Pakistan. “Production and Testing of La/ZnO/CNT Photocatalysts for Production of Hydrogen Fuel”
10:30-10:50	Invited Speaker 4: Dr. Foazia Tanvir: University of Okara, Okara, Pakistan. “Colorimetric detection of mercury using prismatic silver nanoparticles capped with PVP”
10:50-11:10	Speaker: Dr. Aneeqa Sabah, LCWU, Lahore, Pakistan. “Synthesis and Modification of Metal doped Silica Particles and Membranes for Water Purification”

Day 3, Session 3 (IT Seminar Hall)

SDG 16: Justices and Strong Institutions

Scientific Chair SDG 16: Dr. Shabnam Gul

Moderator: Dr. Maryam Azam, **Facilitators:** Ali Taqi

9:30-9:40	Welcome address by Scientific Chair
9:55-10:10	Plenary Talk: Prof. Dr. Rana Ejaz Ahmed Department of Political Science, University Punjab, Lahore. “Ensure Responsive, Inclusive and Representative decision-making in Pakistan”
10:10-10:25	Keynote: Dr. Iram Khalid: Chairperson of Department of Political Science, University of Punjab, Lahore
10:25-11:00	Invited Speaker 1: Dr. Abeeda Qureshi, Department of Political Science, Forman Christian College, Lahore. Invited Speaker 2: Dr. Humaira Shafi, Centre for International Peace and Stability, NUST, Islamabad. Invited Speaker 3: Prof. Dr. Muhammad Afzal, Dean Faculty of Arts and Social Sciences, Lahore College for Women University, Lahore.



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11:00 – 11:30	Tea Break
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Time	Authors	Title of Presentation
11:30-11:40	Dr. Fauzia Ghani, Department of Political Science, Government College University, Lahore	Accountability for Human Development and Challenges of Good Governance Telescoping Pakistan
11:40-11:50	Ms. Atifa Arif & Ms. Asma Asghar, Department of Economics, LCWU	Impact of Terrorism on Economic Growth of Pakistan
11:50-12:00	Dr. Sadia Mehmood Falki, Department of Political Science, LCWU	Type of Regime: Institutional Imbalance and Prospects of Democratic Federalism in Pakistan
12:00-12:10	Dr. Adeel Irfan, School of Peace and Counterterrorism Studies, Minhaj University, Lahore & Dr. Shabnam Gul, Chairperson, Department of International Relations, LCWU	Ethnic Conflict and Humanitarian Crisis: A Case Study of Afghanistan after US withdrawal
12:10-12:20	Dr. Maryam Azam, Department of International Relations, LCWU	Reasons of Crime, Personality and Guilt in Women Prisoners
12:20-12:30	Mrs. Nadia Zaheer Ali, Department of International Relations, LCWU	Challenges of Human Security in India: A Case Study of India-Held Kashmir
12:30-12:35	Dr. Kinza Tasleem Chaudhr, Department of International Relations, LCWU	Climate Change and Water Security: Focus on Pakistan
12:35-12:45	Ms. Bushra Ghani	Gender Inequality and Human Development in Pakistan: An Analysis

Poster Session

Facilitators: Ms. Rabia Irfan, Mrs. Ambreen Akhtar

Time: 11:30 – 12:30	
Name	Title
Kaneez Fatima, Hooria Mohsin and Saba Imtiaz, International Relations, LCWU	Role of Women in Parliamentary Democracy: A Case Study of Pakistan and Bangladesh
Fatima Rasheed and Zainab Sohail, International Relations, LCWU	Judicial Reforms: The Issue of Increasing Crime Rate and Violence in Pakistan
Zainab Shahbaz, Maria Zaib and Zulekha Sufiyan, International Relations, LCWU	Role National institutions in the Counter- Terrorism Efforts of Pakistan
Khizra Ahsan, Tayyaba Habib, Hafiza Noor-ul-Huda and Mahrukh Fazail, International Relations, LCWU	Promoting Peace through Tourism Industry in Pakistan
Sawaira Amjad, Emaan Azeem, Fatima Aziz and Hafsa Khalid, International Relations, LCWU	Rights of Transgender in Pakistan
Rafaq Aftab, Fatima Zulfiqar and Amna Farhan, International Relations, LCWU	Child Labor laws in Pakistan: A Critical Assessment



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Syeda Nimra Bukhari, Rahma Hussain, Rameen Nabeel, Warda Dilshad, Nishat Aslam, International Relations, LCWU	The issue of Drug addiction in the Youth of Pakistan: Counter Strategies and Challenges
Uneeza Mujeeb, Vaneza, Maryam Imtiaz, Zahra Batool and Arooj Fatima, International Relations, LCWU	The Effects of Corruption on the Institutional Empowerment: A Case Study of Pakistan
Sawera, Manahil, Hafiza Asma, Summaya Bint e Azhar, Muneeza Rehmat and Zoha Zulfiqar, International Relations, LCWU	Curtailling Corruption and Bribery: Issues and Challenges in Pakistan
Rida Saleem, Sijjal Sarfaraz, Sara Khokar and Nimra Rai, International Relations, LCWU	The issue of Women Violence in the South Asian Region
Fareha Hussain, Khadija Asif, Riana and Baigand Moeedah Hussain, International Relations, LCWU	A Proposed Mechanism Child Abuse and Exploitation in Pakistan

12:45-01:00 Comments by Session Chair + Certificates and Shield Distribution

Day 3, Session 4 (Persian Department)

SDG 16: Peace

Scientific Chair: Prof. Dr. S. Faleeha Zahra Kazmi

Moderator: Dr. Shahida Alam, **Facilitators:** Dr. Faiza Kiran, Dr. Maria Umer

Time	Program
10:40	Introduction of the Conference Session by: Prof. Dr. Faleeha Kazmi, Chairperson Persian Department)
10:50	Invited Speaker 1: Mulana Khabeer Azad, Khateeb Badshahi Mosque Lahore
11:00	Invited Speaker 2: Mr. Ramesh Singh Arora, MPA Punjab Assembly
11:10	Invited Speaker 3: Mr. Ihsan H. Nadeem, Director Dyal Singh Research & Cultural Forum, Lahore
11:20	Invited Speaker 4: Dr. Father James Channon, Director Pace Center, Lahore
11:30	Invited Speaker 5: Dr. Manor Chand, Director Balmick Temple, Lahore
11:40	Vote of Thanks by Conference Chair
11:45	Certificates and Shields Distribution

Day 3, Session 5 (Committee Room)

Scientific Session – SDG 3: Good Health and Well being

Scientific Chair SDG 3 (Social Sciences Stream): Prof. Dr. Amina Muazzam

Session Chair 1: Dr. Farhat Nadeem **Session Chair 2:** Dr. Ambreen Anjum

Moderator: Dr. Amna Khawar, **Facilitators:** Zara Haroon and Maryam Munnawar

9:00 – 9:10 Welcome Address by Scientific Chair

9:10 – 9:30 **Keynote:** Prof. Dr. Imtiaz Dogar, “Pandemic of Addiction”

Time	Authors	Title
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9:30-9:40	Kiran Javaid & ZehraMohsin Department of Applied Psychology, Govt. Fatima Jinnah College, Chunna Mandi, Lahore	Self-Efficacy for Managing Chronic Disease and Medication Adherence in Patients with Rheumatoid Arthritis
9:40-9:50	Maham Imtiaz & Syeda Shahida Batool Department of Psychology, Government College Lahore	Translation, Adaptation and Validation of Stigma Conscious Questionnaire for Women Undergoing Assisted Reproductive Technology Treatment
9:50-10:00	Mahnour Shehbaz Butt, Farhat Jamil & Ruhi Khalid Institute of Psychology, Beaconhouse National University	Predictors of Psychological Well-being in Women with Polycystic Ovarian Syndrome
10:00-10:10	Memoona Ahmad & Nudra Malik Department of Applied Psychology, LCWU	Body Image Dissatisfaction, Depression and Quality of Life in Women with Polycystic Ovary Syndrome
10:10-10:20	Najwa Bashir & Nasreen Akhtar Department of Psychology, Government College University, Lahore	Development and Validation of Body Shame Scale for Obese People
10:20-10:30	Aneela Aziz & Irum Naqvi Institute of Psychology, QAU, Islamabad	Exploring the Phenomenon of Psychosexual Maturity among Women with Child Marriages: A Grounded Theory Perspective
10:30-10:40	Mahwish Abbas and Dr. Shameem Fatima Department of Humanities, COMSATS University Islamabad, Lahore Campus	Positive Personal Resources and Mental Wellbeing during COVID-19: The Explanatory Role of Cognitive Regulation

10:40-11:00 Comments by Session Chair + Certificates and Shield Distribution

11:00-11:30 Refreshments

Day 3, Session 6 (Pharmacy Department)

Scientific Session – SDG 3: Good Health and Well being

Scientific Chair SDG 3 (Social Sciences Stream): Prof. Dr. Amina Muazzam

Session Chair 1: Prof. Dr. Salma Hassan, **Session Chair 2:** Dr. Shumaila Asad

Moderator: Dr. Umme Rubab Kazmi, **Facilitators:** Nuzhat-ul-Ain and Umaiza Bashir

9:00-9:05	Welcome address by Scientific Chair	
9:05-9:25	Keynote: Dr Shahida Batool, “Psychosocial Journey of Infertile Women in Pakistan and the Way Forward”	
09:25-09:40	Invited Speaker: Dr. Indhushree Rajan, “Gender Inequality and the Perpetuation of Complex Trauma in Women and Girls”	
Time	Authors	Title of Presentation
09:40-09:45	Ayesha Tahir & Rafia Rafique Institute of Applied psychology, University of the Punjab	Perceptions Regarding Side Effects of Corona Virus Vaccination Among University Students
9:45-09:50	Humna Abid & Rafia Rafique Institute of Applied Psychology, University of the Punjab	Lived Experiences of Female Health Professionals During Covid-19 Pandemic
9:50-09:55	Mahnour Butt & Masha Asad Khan, Applied Psychology department, Kinnaird College for Women University, Lahore	Perception of Home Demands, Depression, Stress and Anxiety in Working and Non- Working Women During Covid-19
9:55-10:00	Nuzhat-ul-Ain, Saima Dawood, Aminah Abdul Khaliq, Kanwal Safeer & Nayab Komal	Prevalence of Academic Stress in undergraduate students during Covid 19



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	Centre for clinical psychology, University of the Punjab	
10:05-10:10	Tehreem Zahra, Iffah Khan & Nudra Malik, Department of Applied Psychology, LCWU	Behavior, Perceptions, Negative Affect and Psychological Distress among University Students during Covid-19
10:10-10:15	Hadiqa Rehman & Zara Haroon, University of Management and Technology Lahore & Kinnaird College for Women, Lahore.	Emotional Regulation, Professional Quality Of Life and Empathy Among Mental Health Counselors During Covid-19
10:15-10:20	Wajiha Kiran & Nuzhat-ul-Ain, Centre for Clinical Psychology, University of the Punjab, Lahore, Pakistan	Role of Secondary Trauma Self-efficacy in predicting Secondary Trauma and Job Burnout among Doctors dealing with COVID-19 patients

10:20-11:00 Comments by Session Chairs + Certificates and Shield Distribution

Day 3, Session 7 (Seminar Room Biotechnology Department)

Scientific Session – SDG 3: Good Health and Well being

Scientific Chair SDG 3(Social Sciences Stream): Prof. Dr. Amina Muazzam

Session Chair 1: Dr. Fatima Kamran, **Session Chair 2:** Dr. Shamim Fatima

Moderator: Dr. Amina Obaid Khawaja, **Facilitators:** Maryam Amjad and Kiran Akbar Khan

9:00-9:05	Guests to be Seated and Address by Scientific Chair	
9:05-9:25	Keynote: Dr. Usman Rasheed, “Social Reforms Model a way forward for better role of Government and Governance in Developing Countries”	
Time	Authors	Title of Presentation
9:25-9:35	Mamoona Laiba & Kiran Akbar Khan, Government College University, Lahore	Self-Objectification, Colorism and Social Appearance Anxiety in Youth
9:35-9:40	Arooj Zahra Rizvi & Syeda Shahida Batool, Department of Psychology, Government College University, Lahore	Risk and Protective Factors of Marital Quality among Parents of Children with Autism Spectrum Disorder
9:40-9:50	Syeda Shahida Batool, Nimra Munawar & Seemab Shafiq Department of Psychology, GCU	Do Grit and Internal Locus of Control Matter in the Psychological Well-Being of Differently Abled Individual?
9:50-10:00	Muhammad Yasir, Nadeem Asghar, Abdul Majid & Abdul Basit Durani	Determinants of Decent Work and its outcomes; The role of Social Support and Vocational Support for Domestic Women Workers
10:00-10:10	Muneeba Shakil, Shameem Fatima and Amina Muazzam Department of humanities CUI Lahore Campus and LCWU	Assessment of Risk Perception and adoption of safety measures during Covid-19 Pandemic in Pakistan: A Survey Study
10:10-10:20	Mahnoor Arshad and Dr. Shameem Fatima Department of Humanities, COMSATS University Islamabad, Lahore Campus	Religious Coping and Mental Well-being of Young Adults during COVID-19: The Boosting role of Physical Health Status



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10:20-10:30	Amina Shamas, Raumish Masood Khan & Noor-e-Saher Department of Applied Psychology, Kinnaird College for Women, Lahore	Effects of Cartoons on Mental and Behavioral Responses of Children during COVID-19 Pandemic
10:30-10:40	Sabahat Sana, University of the Punjab, Lahore	Sustainable Interior Design Feature Toward Reduced Workplace Stress
10:40-10:45	Syeda Azra Batool, Muhammad Ehsan School of Economics, BZU Multan	Is Human Capital a Pathway to attain sustainable development goal of poverty alleviation

10:45-10:50am Comments by Session Chair

10:50am-11:00am Certificates and Shield Distribution

Day 3, Session 8 (CRP Department)

SDG11: Sustainable Cities & Communities

Scientific Chairs SDG 11: Prof. Dr. Atiq ur Rahman and Dr. Aysha Hanif

Moderator: Saba Islam and Rehana Ghulam Ali **Facilitators:** Ayesha Shahbaz and Aleena Ashraf

9:00-9:15	Welcome address by Scientific Chairs	
9:15-9:30	Plenary Talk: Dr Anna Visizi, Professor of Economics and Political affairs, University of Warsaw Poland, "Rethinking the SDGs in the smart cities"	
9:30-9:40	Keynote 1: Dr Shaker Mahmood Mayo Chairman CRP Department, UET Lahore	
9:40-9:50	Keynote 2: Dr Martin Dallimer, School of Earth and Environment University of Leeds, UK "A global horizon scan of the future impacts of robotics and autonomous systems on urban ecosystems and the sustainability of cities"	
Time	Authors	Title of Presentation
09:50-10:00	Ayesha Bilal	Sustainable Communities: Role of Digital Technologies in Preservation of Communal Heritage
10:00-10:20	Hafiza Saba Islam & Amna Shoaib, Department of CRP, UET Lahore & Department of City & Regional Planning, LCWU,	Comparing Urban Heat Island with Spatio-Temporal Urbanization Patterns in Gujranwala City
10:20-10:30	Nikhat Zahra, Dr. Sahar Zia & Dr. Aysha Hanif Department of Geography, LCWU	Correlative Assessment of Urban Green Space Ratio and Urban Flooding: A Case Study of Lahore Pakistan
10:30-10:40	Nazish Kanwal, Department of Zoology, GC Women University Sialkot	Impact of Selected Natural and Synthetic Insecticides on Eco-Biology of Syrphids
10:40-10:50	Maryam Khalid	Spatial Modeling of Normalized Difference Vegetation Index (NDVI) And Land Surface Temperature (LST) Of Lahore Using Remote Sensing And GIS
10:50-11:00	Humaira Munir	Environmental and Social Impact Assessment of Industries in Residential Area
11:00-11:10	Dr Noreen Khalid, Department of Botany, Govt. College Women University, Sialkot, Pakistan	Sustainable management of traffic borne elemental enriched roadside soils by using Nerium oleander L.



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11:10-11:20	Arwa Tariq & Attiya Haseeb CRP, LCWU	Spatial Analysis of Urban Resilience in Relation to Urban Form in Selected Areas of Lahore
11:20-11:30	Siddiqa Amin, CRP LCWU	Implications Of Public Transportation In Post-Covid-19 Case Study Of Lahore

Poster Session

Author	Title
Sadia Tariq	Integrated Solid Waste Management System in University of Karachi: A Pilot Study
Saba Tariq	Mitigating The UHI By Green Spaces in Allama Iqbal Town Lahore
Saba Islam	Urban Groundwater Investigation and Mapping Using GIS & Remote Sensing Techniques
Maira Ali	Assessing the potential of integrating sponge infrastructure to cope with urban flooding in Lahor
Kashmala Tariq	Identification Of Social, Psychological, Technical and Financial Barriers Towards Adaptation of Solar Power System In Higher Educational Institutions Of Lahore
Fariyal Khalid	Analysis Of Walkability Environment in The Vicinity of Orange Line Metro Train Stations in Lahore
Arwa Tariq	A Geospatial Assessment of Off-Site Parking in Central Business District, Lahore
Siddiqa Amin	Assessing Service Quality and Riders' Satisfaction (Case Study Of Metro Train Lahore)
Maryam Bashir	Comparative Analysis Of Seasonal Variation W.R.T Temperature And Rainfall Since 2000 (Case Study Of Lahore And Karachi)

11:30-11:45am Comments by Session Chair + Certificates and Shield Distribution

Day 3, Session 9 (Chemistry Department)

SDG 12: Responsible Consumption and Production

Scientific Chair SDG 12 (Science Stream): Prof. Dr. Bushra Naseem

Session Chair 1: Prof. Dr. Athar Yaseen Khan, **Session Chair 2:** Prof Dr. Farah Kanwal

Moderator: Prof. Dr. Saadia Rashid Tariq, **Facilitators:** Dr. Fozia Iram

09:30-9:40	Welcome address by Scientific Chair
09:45-10:15	Plenary talk: Prof. Dr. Saeed Iqbal, Forman Christian College, A Chartered University, Lahore
10:15-10:45	Keynote Speaker 1: Dr. Lyaba Arshad: Forman Christian College, A Chartered University, Lahore, "3, 5-Bis[4-(diethonmethyl) benzylidenc] -1 methyl-pipenidine 4-one, a novel curcumin analogue, inhibits cellular and immoral immense responses in male balb/cmhc"
10:45-11:15	Keynote Speaker 2: Dr. Ghayoor Chotana: Lahore University of Management Sciences, Lahore "Green Chemistry for responsible consumption and production"
11:15 – 11: 30	Refreshments

Time	Speaker	Title
11:45-12:00	Dr. Sobia Dilpazir	Metal Organic Frameworks Derived Heterogeneous Catalysts for Sustainable Energy Production
12:00-12:10	Somia Younas	Green Economy is a Nucleus of Sustainable Development Goals
12:10-12:25	Dr. Mohsin Javed	Designing of Co-SnO ₂ /S-g-C ₃ N ₄ Heterojunction for Boosting Photodegradation of MB and Inactivation of Pathogens
12:25-12:35	Nazneen Zahra	Care, Gender and Change in the Study of Sustainable Consumption
12:35-12:45	Sadia Tariq	Renewable Energy Penetration in Pakistan for Energy System for Sustainable Development



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12:45-12:50pm Comments by Session Chair

12:50-1:15pm Certificates and Shield Distribution

Day 3, Session 10 (G-35 Social Science Building)

SDG 9 (Industry, Innovation & Infrastructure) & SDG 17 (Partnership for Goals)

All ORIC offices across Pakistan have been invited for an ORIC's Roundtable (Jointly Hosted by ORIC LCWU and ORIC UVAS).

Time: 9:30 – 12:00

Chief Guest: Honourable Mr. Qasim Ali Shah

Guest of Honour: Mr. Kashif Rasheed, Gulf Petrochemical and Chemicals Association

Agenda:

- Commercialization of Research
- Industry-Academia Linkages

Day 3, Session 11 (Iqra Auditorium)

Scientific Session – SDG 3: Good Health and Well being

Scientific Chair SDG 3 (Science Stream): Prof. Dr. Amina Muazzam

Session Chair 1: Prof. Dr. Ruhi Khalid, **Session Chair 2:** Prof. Dr. Asir Ajmal

Moderator: Dr. Bisma Ejaz, **Facilitators:** Yasmin Niazi

11:30-11:40	Welcome address by Scientific Chair: Prof. Dr. Amina Muazzam
11:40- 11:55	Plenary Talk: Prof. Dr. Nusrat Hussain, Mental Health and SDGs: Focus on Suicide Prevention
11:55- 12.10	Keynote Address I: Prof. Dr. Rafia Rafiq, “Mental Health and Wellbeing in times of COVID-19: Challenges and Future Directions”
12:10- 12.25	Keynote address II: Prof. Dr. Josephine Tan, “The Role of Psychology in Meeting the UN Sustainable Development Goals”

Time	Authors	Title of Presentation
12:25-12.35	Saleha Javed & Ahmad Qammar Punjab University & COMSAT University, Lahore	Quality of Patients Care in Pakistan: Mediating Role of Job Burnout and Life Satisfaction between Emotional Intelligence, Spiritual Intelligence, Psychological Ownership and Caring Behavior of Nurses.
12:35-12.45	Dr. Abdul Majid. Muhammad Yasir & Muhammad Ali University of Haripur & Hazara University	Understanding the Healthcare Seeking Behavior of Transgender Patients in Khyber Pakhtunkhwa Region of Pakistan



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12:40-12:50	Syeda Ramish Batool, Fatima Rabia Sajjad, Noman Sabir & Amina Tarar, Department of Psychology, Government College, University	Unveiling the Psychological Correlates of Déjà vu Phenomenon in the Context of Pakistan
12:50-01:00	Namood-e- Sahar & Shakir Hussain Quaid-i-Azam University, Islambad & Karakurun International University, Gilgit	Mental Health Risk Among Adolescents and Young Adults: A Conceptual Understanding
1:00-1.10	Ramzan Kausar & Kiran Akbar Khan, Clinical Psychology Unit, Government College University, Lahore	Lived Experiences of Families of Homicide Victims and Coping Strategies
1:10-1.20	Swaira Shahbaz, Irum Naqvi National Institute of Psychology, QAU Islamabad, Pakistan	Levels of self-criticism, motivation, and self-generated stress among competitive exam aspirants
1:20-1:30	Rahul Agerwal	Coronavirus Disease 19(COVID-19) and its Impact on Sustainable Development Goal 3.

1.30-1:45 Comments by Session Chairs + Certificates and Shield Distribution

Day 3, Session 12 (Student Service Center)

SDG-6 Clean Water and Sanitation

Scientific Chair SDG 6: Prof. Dr. Zohra Nazir Kayani

Session Chair: Dr. Mujeeb U Chaudary

Moderator: Dr. Hina Nazli, **Facilitator:** Maida Sehar

Time	Authors	Title of Presentation
11:30-11:50	Gousia Muzammal	Agricultural waste derived activated carbon against combinational contaminant in drinking water
11:50-12:10	Liaqat Ali Waseem	The Challenges and solutions in achieving clean water and sanitation for all in the developing and underdeveloped countries
12:10-12:30	Rahat Naseer	Exploring The Potential of Leaves Extracts of Azadirchte Indica Against Mycotoxins Producing Funjai in Animal Feed
12:30-2:40	Amna Hassan	Synthesis And Characterization of Gd Doped Titania Nanostructures for Water Treatment And Clean Energy
12:40-12:50	Madia Sehar	Performance enhancement of Photocatalytic Activity with Co-doped Bi2O4

1:00-1:20 = POSTER SESSION

Session Chair: Prof. Dr. Zohra Nazir Kayani

Judges: Dr. Aneeqa Sabah and Dr. Zeba Israr

Moderators: Dr. Shafaq Arif and Dr. Madeeha Riaz, **Facilitators (Student/ushers):** Amna Hassan

Authors	Title of Presentation
Ifra Sheri	Studies of enhanced photocatalytic activity of Ba doped TiO ₂ thin films prepared by Sol-gel Dip/Spin-coated method
Ammara Iqbal Baig	Preparation of K doped TiO ₂ thin films by sol gel dip coating metho and their sunlight-driven Photo catalytic activity
Mammona Ashfaq	Enhanced photocatalytic Activity of Cu doped TiO ₂ thin films Deposited by Sol-Gel Dip coating method.
Hafiza Aqsa Abid	Photo-catalytic Performance of TiO ₂ Thin films Improved by Mg dopant.



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Zaib un Nisa	Green synthesis of zinc oxide nanoparticles using leaves extract for photodegradation of methylene blue dye
Fatima Khitab	Metal impregnated ZnO Nanoparticles Photocatalyst for the Sonophotocatalytic Degradation of organic pollutants in Aqueous Solution under Visible Light

1:20-1:30 Comments by Session Chair +Certificates and Shield Distribution

Day 3, Session 14 (CRP Department)

SDG10: Reduced inequalities

Scientific Chair SDG 10: Dr. Nausheen Mazhar

Session Chair: Dr. Nausheen Mazhar

Moderator: Ms. Amna Afzal

Facilitators: Tehreem Tahir, Sabahat Khurram and Nimra Arshad

11:45-11:55	Welcome address by Scientific Chair
11:55-12:25	Plenary Talk: Prof. Dr. Munawwar Sabir, Director, Centre for Integrated Mountain Research, PU, "Why South Asia continues to be one of the least developed regions of the world?"

Time	Authors	Title
12:25-12:35	Ayesha Awan, Mahwish Zafar	Socio Economic Factors Affecting Poverty: A Fresh Insight from South Asia Region
12:35-12:45	Faiza Sarwar, Maria Kamal, Sidrat-ul-Ain & Sumaira Kausar	Urban Slums and Associated Health Risk Among Children In Lahore, Pakistan: A GIS Perspective
12:45-12:50	Aisha Shahzad	Reducing Inequalities by New Chinese Global Order Prospects for Pakistan
12:50-01:00	Nimra Razzaq, Mahwish Zafar	Child Mortality: Socio-Economic Factor a Fresh Insight Achieving the Global Goal For 2030 (SDG's) For Developing Countries
01:00 -01:10	Urooj Riaz, Saima Nasreen	Effect Of Financial Inclusion on Green Economic Growth in Developing Countries
01:10-01:20	Iqra Shahzadi, Nausheen Mazhar, Sohail Abbass, Asif Sajjad	An Empirical Investigation of Climate Change Impacts on Cotton Productivity in Punjab, Pakistan

1:20-1:30 Comments by Session Chair

1:30-1:45 Certificates and Shield Distribution

Day 3, Session 15 (Pharmacy Department)

SDG 3: Good Health & Well Being (Pharmacy)

Scientific Chair SDG 3 (Sciences Stream): Prof. Dr. Humaira Majeed Khan

Scientific Chair 1: Prof. Dr. Khawaja Tahir Mehmood, **Scientific Chair 2:** Prof. Dr. Syed Atif Raza

Moderator: Dr. Hafsa Afzal, **Facilitator:** Dr. Mobeena Manzoor, Dr. Misbah Hameed, Dr. Fatima Amin

Poster Session: 11:30 – 12:30



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Amna Arshad	Evaluation of samarium doped hydroxyapatite to achieve sustainable development in biomedical field
Moneeza Abbas	Exposure to particulate pollution (pm2.5) from indoor biomass cooking and its effects on respiratory health among females of kasur district
Sadia Murawat	Improving convergence in fetal electrocardiogram extraction using adaptive lms algorithm: parametric analysis with optimal step size and weight coefficient
Sehrish Ramzan	Molecular Authentication of <i>Gymnema sylvestre</i> , an important medicinal plant
Dr. Shahnaz	Synthesis and characterization of triazine benzohydrate and its derivatives
Shama Sadaf	Antimicrobial polyester textiles based on organic compounds
Tooba Amir	Exploring the detoxifying potential of deferoxamine loaded poly lactic-co-glycolic acid nanoparticles in iron induced toxicity using rat model
Khadeeja Ahsan, Neelam Batool, Mohammad Tahir Waheed, QAU	Designing a prophylactic multiepitope vaccine candidate using human papillomavirus type 18 11 antigen against cervical cancer: an in silico approach
Kainat Qadeer, Neelam Batool, Mohammad Tahir Waheed, QAU	In silico analysis of 11 gene of human papillomavirus type 16 for novel multiepitope vaccine design and its immunogenicity studies