



Conference Program, 6th Dec-2024, Day-III



Timeline	
Jinnah Auditorium, GCWUF 09:00-09:15 am PST	
09:00-09:15 am	Recitation from the Holy Quran Ms Maham Ijaz Naat-e-Rasool e Maqbool by Ms Sana Rehmat
Plenary Lecture Jinnah Auditorium, GCWUF 09:15-10:35 am PST	
09:15-09:55 am	Plenary Lecture: Halil İbrahim ULUSOY, Department of Analytical Chemistry, Faculty of Pharmacy, Sivas Cumhuriyet University, Türkiye. Collaboration of Material Science and Conventional Instrumental Analysis for Sensitive Analysis of Drug Molecules
09:55-10:35 am	Plenary Lecture: Prof Dr Shazia Anjum, Vice Chancellor, The Islamia University of Bahawalpur, Economics of Panoramic Drug Discovery of Natural Products
Session VII: Frontiers in Nutrition: Food Chemistry Committee Room, GCWUF 10:35-12:15 am PST	
Chair: Prof Dr Abdullah Ijaz, GC University Faisalabad Co-Chair: Prof Dr Shahzad Ali Shahid Chatha, GC University Faisalabad Session Convener: Dr Rehana Naseer, Dr Nazia Yaqoob,	
10:35-10:55 am	Invited Talk: Prof Dr Abdullah Ijaz, GC University Faisalabad. Polyphenols as Promising Biologically Active Compounds with Therapeutic Applications
10:55-11:15 am	Invited Talk: Prof Dr Ameer Kashif. University of Sargodha Green Extraction Techniques for Clean Label Recovery of Polyphenols from Plant Sources
11:15-11:35 am	Invited Talk: Prof Dr Farooq Anwar, Emerging Trends in the Extraction of Bioactive Ingredients from Selected Fruits, Oil Seed and Agro-wastes
11:35-11:45 am	Syed Ali Hassan Shah, Department of Chemistry, University of Agriculture, Faisalabad. Antidiabetic activity based fortification of olive and Mustard oils using Mangifera Indica (Neem) and Fagonia Indica Plant Extracts

11:45-11:55 am	Neelam Iftikhar, Department of Chemistry, GC University Faisalabad. Effects of Polyphenol-Rice Hisbiscus and Zingber Teas on Obesity and Oxidative Stress in Rats Fed a High-Fat-Sugar Diet
11:55-12:05 pm	Iqra Kanwal, Department of Chemistry, University of Agriculture, Faisalabad. Exploration of Antidiabetic and Antioxidant Potentials of <i>Morus</i> Leaves
12:05-12:15 pm	Maheen Almas, Department of Chemistry, GC University Faisalabad. Valorizing the Food-Waste Material for the Sustainable Development of Bioactive Food Packaging Films

Session VIII :Smart & Sustainable Development in Materials Manufacturing and Energy
Jinnah Auditorium, GCWUF
10:35 am-12:55 pm PST

Chair: Prof Dr Kaleem Khosa, Department of Chemistry, GC University Faisalabad

Co-Chair: Prof Dr Muhammad Abid Rashid, University of Education Lahore, Faisalabad Campus

Session Convener: Dr Sadia Nazir, Dr Faiza Amin, Dr Nadia Noor

10:35-10:55 am	Invited Talk: Prof Dr Mudassir Iqbal, Department of Chemistry, School of Natural Sciences (SNS), National University of Science and Technology, Islamabad. MEXENES as Versatile Materials for Energy Applications
10:55-11:15 am	Invited Talk: Dr Rehana Kousar, Department of Chemistry, Lahore College for Women University. A smart and sustainable approach towards structural and electrochemical properties of ZnO-TiO ₂ /rGO for Energy Storage Devices
11:15-11:35 am	Invited Talk: Dr Kiran Aftab, Associate Professor, Department of Chemistry, GC University, Faisalabad. Upcycling of PET Waste into Interfacial Solar System Generators: Advances and Challenges
11:45 am-12:05 pm	Invited Talk: Dr Arifa Jamil, Department of Physics, GC Women University Faisalabad. Effect of Titanium Doping on Conductivity, Density of States and Conduction Mechanism in ZnO thin film
12:05-12:25 pm	Invited Talk: Dr Ayesha Younas, Department of Physics, GC Women University, Faisalabad. Comparative Optimization of 3C SiC and CdS Electron Transfer layers for Enhanced Performance in Sb ₂ S ₃ -based Solar Cells-A SCAPS-ID Simulation Approach
12:25-12:35 pm	Dr Shamsa Bibi, Department of Chemistry, University of Agriculture, Faisalabad. Innovative Computational Approaches for Designing Advanced Optoelectronics Materials towards Energy Applications
12:35-12:45 pm	Sameen Maqsood, Department of Physics, University of Agriculture, Faisalabad. Optimization of 3C-SiC and CdS Electron Transport Layers for Enhanced Performance in Sb ₂ S ₃ -based Solar Cells: A SCAPS-ID Simulation Approach
12:45-12:55 pm	Shaista Rafique, Department of Physics, Government College Women University, Faisalabad. Facile fabrication of Novel Silver-Polypyrrole-Multiwall Carbon Nanotubes nanocomposite for Replacement of Platinum in Dye-Sensitized Solar Cells

Closing
Jinnah Auditorium, GCWUF
01:00-01:30 pm PST

Distribution of Souvenirs

Vote of Thanks by Dr Abida Kausar, Chairperson, Department of Chemistry, GCWUF

Vote of Thanks by Prof Dr Zill I Huma Nazli, Patron, Pro-Vice Chancellor, GCWUF

Remarks by the Chief Guest

Remarks by the Guest of Honour

Remarks by Prof Dr Kanwal Ameen (T.I.), Patron-in-Chief, Vice Chancellor, GCWUF

Group Photo

Lunch

Apron Lawn of Jinnah Auditorium, GCWUF

01:30-02:15 pm PST