



Tentative Schedule of the Conference

Day 1 December 16, 2021 (Thursday)	
8:00 AM – 9:00 AM	REGISTRATION
9:00 AM-10:40 AM	INAUGURAL CEREMONY
10:40 AM-11:00 AM	TEA BREAK
11:00 AM – 01:00 PM	PLENARY LECTURES (UMT Conference Hall)



Chair: Dr. GA Miana
Co-Chair: Dr. Tufail Hussain Sherazi

Time	Speaker /Title
11:00 AM – 12:00 PM	Nature Based Drug Discovery – Current and Future Perspective <i>Prof Dr M Iqbal Choudhary</i> Mustafa (PBUH) Prize Lureate, <i>H.I., S.I., T.I.</i> <i>Director ICCBS / Coordinator General COMSTECH</i> <i>UNESCO Chair on Med. Biorg. Nat. Prod. Chem.</i>
12:00 PM – 12:30 PM	Applications of Laser Techniques in Environmental Analysis <i>Dr Jesus Manuel Anzano Lacarte</i> University of Zaragoza, Spain
12:30 PM - 1:00 PM	Extraction and Determination of Endocrine Disrupting Chemicals in Samples of Environmental importance <i>Dr Mohammad Rasul Jan</i> Vice Chancellor, University of the Poonch Rawalakot, Azad Jammu and Kashmir, Pakistan
1:00 PM -1:40 PM	PRAYER AND LUNCH BREAK
1:40 PM - 2:30 PM	PLENARY LECTURES (UMT Conference Hall)
Chair: Co-Chair:	Dr Mohammad Rasul Jan Dr Jesus Manuel Anzano
Time	Speaker /Title
1:40 PM-2:05 PM	Dr. A.Q. Khan Memorial Lecture <i>Dr Muhammad Raza Shah</i> ICCBS, H. E. J. Research Institute of Chemistry



2:05 PM - 2:30 PM	Phytochemical Investigations on Arisaema jacquemontii Blume <i>Dr. Habib-ur-Rehman, S.I.</i> Professor Emeritus/ Former Vice Chancellor of UAJK, Muzaffarabad and MUST, Mirpur.
2:30 PM to 4:00 PM	Executive Council Meeting of Chemical Society of Pakistan-members only (Venue: CTL-2S30)
2:30 PM - 4:10 PM	Concurrent Keynote cum Invited Lectures (UMT Conference Hall)
Chair: Co-Chair:	Dr Habib Ur Rahman Dr Syed Ghulam Musharraf
Time	Speaker /Title
2:30 PM - 3:00 PM (Online)	Safety/Security of Chemicals: A Perspective from Australia <i>Dr John Webb</i> Swinburne University of Technology, Melbourne, Australia
3:00 PM - 3:30 PM(Online)	Tacticity-dependent cross-plane thermal conductivity in molecularly electrostatically engineered amorphous polymers <i>Dr Min Sang Kwon</i> Seoul National University, Korea
3:30 PM - 3:50 PM	Molecular Dynamics Simulations: A Powerful Tool to Understand Medicinal Chemistry <i>Dr Zaheer Ul-Haq Qasmi</i> ICCBS, H. E. J. Research Institute of Chemistry
3:50 PM - 4:10 PM	COMPUTATIONAL TECHNIQUES IN QUANTUM CHEMISTRY: ALTERNATIVE APPROACH TO PHYSICAL MEASUREMENTS <i>Dr Iftikhar Ahmad</i> Vice Chancellor, Gomal University, Dera Imail Khan
2:30 PM - 4:10 PM	Concurrent Session Lectures



<u>Session-A</u>		<u>Session-B</u>		<u>Session-C</u>		<u>Session-D</u>	
Room: 3S-44 Chair: Dr Iqleem Haider Co-Chair: Dr Farah Naz		Room: 3S-45 Chair: Dr Afzal Shah Co-Chair: Dr Amber Solangi		Room: 3S-46 Chair: Dr Jan Nisar Co-Chair: Dr Mujtaba Ellahi		Room: 3S-47 Chair: Dr Arif Nadeem Co-Chair: Dr Nadeem Akhtar	
Time	Speaker and Title	Speaker and Title	Speaker and Title	Speaker and Title	Speaker and Title	Speaker and Title	Speaker and Title
2:30 PM – 2:45 PM	Dr. Mujtaba Ellahi Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS). 3-Diethylaminopropylamine (DEAPA) Hardener Based PDLC Films Technology	Khalil Ahmad, Islamia University Bahawalpur MOFs for Water Purification	Adnan Ali Khan, University of Malakand, Chakdara, Pakistan. Density Functional Theory Simulations of NbS ₂ Monolayer as Efficient Cathode Material for Mg Ion Batteries	Syed Ali Raza Naqvi, Government college university Faisalabad. Infection imaging potential evaluation of Technetium-99m labeled Antimicrobial Agent			
2:45 PM – 3:00 PM	Maria Aziz, Amara Dar, Jamil Anwar, University of Management and Technology, Lahore. Zinc Oxide Nanocomposites Using Various Types of Berries: Synthesis, Characterization and Applications	Sarosh Iqbal, Government College University, Faisalabad. Synthesis of carbohydrazones as promising alpha-glucosidase inhibitors for treatment of Diabetes Mellitus	Dr. Saima Gulzar, School of Architecture and Planning UMT, Lahore Environmental Deterioration of Historic Ornamented Façade of Chauburji, Lahore-Pakistan	Muhammad Farooq, Kohat university of science and technology (KUST), Kohat. Green synthesized silver activated Copper oxide nanocomposite for photocatalytic degradation of Methylene blue			
3:00 PM – 3:15 PM	Mahrye, University of Sargodha, Sargodha. Chemical and Biological Attributes of Wild Thyme (Thymus vulgaris L.) Essential Oil	Sana Mansoor, University of Management and Technology, Lahore. Plant mediated synthesis of MnO-GO-Ag nanocomposite and its potentized anti-inflammatory and antioxidant activities	Muhammad Hafeez, University of Azad Jammu and Kashmir, Muzaffarabad. Green Synthesis of Silver Nanoparticles for Potential Antibacterial Applications	Aamer Saeed, Quaid-I-Azam University, Islamabad. Development of Glucose Conjugated NIR Fluorescent Bioprobe for In Vivo Tumor Targeting			



3:15 PM – 3:30 PM	Syed Faheem Askari Rizvi, The University of Lahore, Lahore. Hybridization of tumor homing and mitochondria-targeting peptide domains to design novel dual-imaging self-assembled peptide nanoparticles for theranostic applications	Abdul Niaz, University of Science & Technology, Bannu, Khyberpukhtunkhwa Electrochemical determination of some important anions using modified and unmodified multiwalled carbon nanotubes paste electrodes	Salah Ud Din, University of Azad Jammu and Kashmir, Muzaffarabad, Azad Kashmir, Pakistan Anion exchange removal of arsenic by calcined and uncalcined samples of Fe(OH) ₃	Aqsa Afzaal, COMSATS University Islamabad, Lahore Campus. Novel Moldable Hard Tissue Implants with High Hydroxyapatite Loading
3:30 PM – 3:45 PM	Salman Zafar, University of Peshawar, Pakistan Exploring The Therapeutic Potential Of Olea Ferruginea	Aliya Ibrar, The University of Haripur, Haripur. Functionalized Libraries of Nitrogen Containing Heteroaromatic Scaffolds for Urease Inhibition	Haleema Ali, Institute of Chemical Sciences University Of Peshawar, Peshawar. Synthesis, Characterization, Anti-Cancer and Anti Inflammatory activities of 3, 5-Disubstituted Thiadiazine-2-thiones	Fatima Nasim, Quaid-e-Azam University, Islamabad. ORR(Oxygen reduction reaction) for green energy technologies
3:45 PM – 4:00 PM	Ana Aslam, Soil Chemistry Section, ISCES, Ayub Agricultural Research Institute, Faisalabad. Long term impact of wastewater irrigation on potentially toxic elements in crops	Manzoor Hussain, Abdul Wali Khan University Mardan, Mardan, KP. Synthesis and characterization of PEG-based composites for drug loading and controlled release studies: a step towards preparation of new materials for tablets	Nasrullah Shah, Abdul Wali Khan University Mardan, Mardan, KP. Study of the effect of RAFT agents on the characteristics of butyl methacrylamide and poly(2-acrylamido-2-methyl-1-propanesulfonic acid) based core-shell particles	Saba Urooge Khan, Institute of polymer and textile engineering university of the Punjab, Lahore. Natural and Synthetic Polymeric membranes for desalination by reverse osmosis
2:30 PM - 4:10 PM	Concurrent Session Lectures E (UMT Seminar Hall)			
Chair:	Dr Shahid Hameed			
Co-Chair:	Dr Haq Nawaz Bhatti			
Time	Speaker /Title			



2:30 PM – 2:45 PM	Basic Requirements of a Kinetics Study <i>Dr Jan Nisar</i> University of Peshawar, Peshawar
2:45 PM – 3:00 PM	Asma Khurshida, Quaid-I-Azam University, Islamabad. Synthesis of amantadine derived thiourea derivatives as potent inhibitors of alkaline phosphatase with anti-inflammatory action
3:00 PM – 3:15 PM	Faiz Ali, University of Malakand, Chakdara Dir (L), KPK,f Molecularly Imprinted Polymers for the Emerging Dye Acid Black-1 and its Quantification via Liquid Chromatography
3:15 PM – 3:30 PM	Rahman Qadir, University of Sargodha, Sargodha. Variation in Nutritional and Antioxidant Attributes of Moringa oleifera L. Leaves at Different Maturity Stages
3:30 PM – 3:45 PM	Syed Muhammad Saqib Nadeem, Public Sector Organization, Pakistan. Reverse Osmosis - The Future of Fresh Water Production by Desalination
3:45 PM – 4:00 PM	Rabia Rehman, University of the Punjab, Lahore. Isothermal investigation of adsorptive Removal of Murexide Dye by Pyrus communis biowaste
4:00 PM – 4:30 PM	Tea/Coffee Break Poster Session
4:30 PM – 6:30 PM	Concurrent Keynote cum Invited Lectures (UMT Conference Hall)
Chair: Co-Chair:	Dr Muhammad Rasul Jan Dr M Raza Shah
Time	Speaker /Title
4:30 PM – 4:45 PM	Assessment of selected heavy metals contamination and its sources in urban soil and ground water of district Hyderabad, using GIS and multivariate analysis. <i>Dr Iqleem Haider</i> Department of Chemistry, Government College University Hyderabad
4:45 PM – 5:00 PM	Strategies for extraction of keratin from waste and its application for high-end products



	<i>Dr Najma Memon</i> University of Sindh
5:00 PM – 5:30 PM (Online)	Green Synthesis, Characterization, and Biological evaluation of Nanoparticles using extracts of medicinally important <i>Trillium govanianum</i> and <i>Angelica glauca</i> <i>Dr Jehan Bakht</i> VC Agriculture University Peshawar
5:30 PM – 6:00 PM (Online)	Preparing Global Citizens for a Sustainable Future: Systems Thinking in Chemistry Education <i>Dr Ellene Tratras Contis</i> Eastern Michigan University, USA
6:00 PM – 6:15 PM	Toxic elemental levels in whey milk of different cattle and human using an innovative digestion method based on a deep eutectic solvent: Risk assessment for children <6.0 month to 5 years <i>Dr Hassan Imran Afridi</i> University of Sindh, Jamshoro
6:15 PM – 6:30 PM	Use of whole cell enzymes as a green catalyst in the chemistry <i>Dr Farah Naz Talpur</i> University of Sindh, Jamshoro
4:30 PM - 6:30 PM	Concurrent Session Lectures E (UMT Seminar Hall)
Chair: Co-Chair:	Dr Iqleen Haider (Hyderabad) Dr Ehsan Sharif (PU)
4:30 PM – 4:50 PM	Structural tuning of non-fullerene acceptors and small molecule donors to get their high estimated power conversion efficiency for high performance organic solar cell. A quantum chemical analysis <i>Dr Javed Iqbal</i> University of Agriculture, Faisalabad
4:50 PM – 5:10 PM	Ionic Liquids as Designer Solvents for Green Processing of Agricultural Waste



	<i>Maliha Uroos</i> <i>School of Chemistry University of Punjab</i>
5:10 PM – 5:30 PM	Design, Synthesis and Structural Studies of some New Azoles as Important Biological Scaffolds <i>Dr Muhammad Naeem Ahmed</i> University of Azad Jammu and Kashmir Muzaffarabad
5:30 PM – 5:45 PM	Catalytic Role Of Extended π-Conjugation In The Redox Reactions Of Fe(III)/(II) Complexes <i>Rozina Khattak, Muhammad Sufaid Khan</i> Department Of Chemistry, Shaheed Benazir Bhutto Women University, Peshawar
5:45 PM – 6:00 PM	Phytocatalytic degradation and electrochemical detection of Malachite Green <i>Tooba Imtiaz, Syed Sakhawat Ali Shah, Afzal Shah</i> Department of Chemistry, Quaid-i-Azam University, Islamabad
6:00 PM – 6:15 PM	Experimental Analysis of Excited State Dynamics in Anderson POM@Porphyrin Hybrids in Relevance to Third-Order Nonlinear Optical <i>Hafiz Asif</i> BZU, Multan
6:15 PM – 6:30 PM	S-Aralkylated 5-(4-methoxyphenyl)-4-phenyl-4H-1,2,4-triazole-3-thiols: As suitable Alzheimer's disease drug candidates <i>Sabahat Zahra Siddiqui</i> GCU lahore

4:30 PM – 6:30 PM	Concurrent Session Lectures		
<u>Session-A1</u>	<u>Session-B1</u>	<u>Session-C1</u>	<u>Session-D1</u>
Room: 3S-44 Chair: Dr Iftikhar Ahmad Co-Chair: Dr Najma Memon	Room:3S-45 Chair: Dr Zaheer ul Haq Qasmi Co-Chair: Dr Sadia Atta	Room:3S-46 Chair: Dr Akhyar Farrukh Co-Chair: Dr Tajnees Pirzada	Room: 3S-47 Chair: Dr Irshad Hussain Co-Chair: Dr Aamer Saeed



Time	Speaker and Title	Speaker and Title	Speaker and Title	Speaker and Title
4:30 PM – 4:45 PM	Anham Zafar , Quaid-i-Azam University, Islamabad Synthesis, characterization, and resolution of X-ray photoelectron spectra of tetrachloroferrate based ionic liquids-6-Amine Scaffold	Aasma Hashmi, Jinnah University for Women, Nazimabad, Karachi. Green Synthesis of Silver Nanoparticles with antibacterial activity using green, brown and red seaweeds	Mir Munsif Ali Talpur, Shah Abdul Latif University, Khairpur, Sindh. Brassica campestris leaves extract mediated green synthesis of metals nanoparticles	Haq Bhatti , University of Agriculture, Faisalabad. Production and biodegradation potential of lipase isolated from Penicillium fellutanum
4:45 PM – 5:00 PM	Khalida Naseem, University of Central Punjab, Lahore Pakistan. Silver Nanoparticles Incorporated Composite Microparticles For Catalytic Degradation Of P-Nitrophenol	Jameel Ahmed Baig, University Of Sindh, Jamshoro. Comparison Of Proximate Analysis And Elemental Composition Of Pakistani And Saudi Arabian Date Varieties	Warda Hassan, The Women University Multan. Silver nanoparticles of Haloxylon recurvum Plant extract and its application for degradation of Methylene blue dye	Faisal Ali, University of Malakand, Pakistan. Density Functional Theory Analysis of Adsorption of Small Gas Molecules over Ru-anchored Black Phosphorene
5:00 PM – 5:15 PM	Umer Yaqoob, University of Agriculture, Faisalabad. Structural tuning of non fullerene acceptors and small molecule donors to get their high estimated power conversion efficiency for high performance organic solar cell. A quantum chemical analysis.	Azhar Iqbal, Department of Chemistry, Bacha Khan University, Charsadda, KP. Cycling performance degradation of Ni-rich layered NCM materials in full-cells: Effect of elevated temperature	Bushra Naseem, Lahore College for Women University, Lahore. Molecular interactions of organophosphate pesticides in colloidal solutions in terms of Thermo-acoustic and DFT studies	Uzma Hira, School of Physical Sciences (SPS), University of the Punjab, Lahore, Pakistan Lahore University of Management Sciences (LUMS) Lahore. Environment Friendly Sr _{2-x} BixCoRuO ₆ (0 ≤ x ≤ 0.8) Double Perovskite Oxide Materials for High-Temperature Thermoelectric Application



5:15 PM – 5:30 PM	Nargis Jamila, Department of Chemistry, Shaheed Benazir Bhutto Women University, Peshawar Synthesis, Characterization, and Dyes Degradation activity of Solanum pseudocapsicum Mediated Metal (Ag, Ni, Pd) Nanoparticles	Sohail Nadeem, University of Management and Technology, Lahore Biodegradable thin films for advanced applications	Rehana Bano, University of the Punjab, Lahore. Lahore Enhanced static and dynamic nonlinear optical responses of face specific superalkali based alkaline earthide complexes of Janus all-cis-1,2,3,4,5,6-hexafluorocyclohexane	Munawwer Rasheed, University of Karachi, Karachi. Constituents of liver oil obtained from a dead Rhincodon typus (whale shark)
5:30 PM – 5:45 PM	Dr. Sohaila Andleeb, National University of Technology, Islamabad. Bioactive Heteroleptic Bismuth(V) Complexes: Synthesis Structural Analysis and Antileishmanial Activity	Shabnam Sarwar, University of Punjab, Lahore. Folate Conjugated Polyethylene Glycol Probe for Tumor-Targeted Drug Delivery of 5-Fluorouracil	Rabia Nazir, University of Okara, Okara. First theoretical insight into tuning the nonlinear optical response of 1N-atom functionalized corannulene by alkali metal doping	Muhammad Jawwad Saif, Government College University Faisalabad Theoretical investigation of magnetic, electronic and optical properties of YFeO ₃
5:45 PM – 6:00 PM	Manzar Zahra, Lahore Garrison University, Lahore. Synthesis of Mechanical and Thermally robust SEBS-g-MA/OMMT Nanocomposites	Hafiz Muhammad Abdul Qayyum, Division of Science & Technology, University of Education Lahore. Screening of trace and essential elements in the serum of esophagus cancer patients with different types and stages of Pakistani Population	Malik Imran Afzal, University of management and technology Lahore. Fabrication and characterization of cadmium sulfide nanowires on Anodized Aluminum Oxide templates	Sajid Hussain, University of Management and technology Lahore. EFFECT OF FLOUROSILANE MODIFIED SILICA NANOPARTICLES ON SELF CLEANING PROPERTY OF COTTON FABRIC
6:00 PM – 6:15 PM	Maria Batool, University of Management and Technology, Sialkot Campus, Sialkot. Zinc-Magnesium Bimetallic Nanoparticles synthesis, characterization and Application as Catalyst and Fuel Additive	Bhajan Lal, Shah Abdul Latif University, Khairpur. Solar light driven C-TiO ₂ based photocatalysts for enhanced activity towards Microbes and removal of Dye	Muhammad Saeed, Government College University, Faisalabad. Synthesis and characterization of CoO-ZnO and evaluation of its photocatalytic activity for photodegradation of methyl orange	Khalid Talha, Beijing University of technology. P.R.China. Construction of Zn-based 3D-dimensional MOF via sequential insertion technique, accompanied by SC-SC transformation



6:15 PM – 6:30 PM	Misbah Irshad, University of Education, Lahore Synthesis and Molecular Docking Studies of Some Bioactive Sulfonamides Incorporating N-(2,3-dihydro-1,4-benzodioxin-6-yl)-2-bromoacetamide Moiety	Alamgir Alamgir, Beijing University of Technology, Beijing, China Design and Synthesis of Furan-Dicarboxylic Acid based Metal-Organic Frameworks and their structural diversity	Amina Asghar, Amina Mumtaz, PCSIR Laboratories Complex, Ferozpur Road, Lahore. Synthesis, characterization and antibacterial studies of Schiff Base metal complexes derived from drug	Naemullah, University of Turbat, Balochistan. Photosynthetic Microbial Fuel Cell as a Green Alternative Renewable Energy Approach for Sustainable Bioelectricity Production Chromatography 154
06:30 to 7:00 PM	General Body Meeting of Chemical Society of Pakistan (Venue: UMT Conference Hall)			
7:00 PM – 9:00 PM	Conference Dinner - Venue: UMT Greens			
	PROGRAM OF THE 1ST DAY IS FINISHED			



Tentative Schedule of the Conference



Day 2 December 17, 2021 (Friday)

Day 2 December 17, 2021 (Friday)	
9:00AM – 11:00 AM	Plenary Lectures Series 1 (UMT Saleem Asghar Ali Seminar Hall)
Chair:	Dr Jesus Anzano
Co-Chair:	Dr Farooq Anwar
Time	Speaker /Title
9:00AM – 9:30 AM(Online)	Adding value to unused electroplating wastewater for Zn₂Cr-layered double hydroxide (LDH) for pyrophosphate removal <i>Dr Tonni Agustiono Kurniawan</i> Xiamen University, China
9:30 AM – 10:00	Spatial-temporally resolved bioorthogonal decaging in living cells





AM(Online)	<i>Dr Xinyuan Fan</i> Peking University, Beijing, China
10:00 AM – 10:30 AM(Online)	Recent Studies on Catalysis and Quorum Sensing <i>Dr Chan Kyung Kim</i> Inha University, Incheon, Korea
10:30 AM – 11:00 AM(Online)	Nano-space confined strategy towards 2D Hybrid Structures for Energy Storage Applications <i>Dr Bin LUO</i> The University of Queensland, Australia
11:00 AM – 11:30 AM(Online)	Programmable late-stage C–H bond functionalization enabled by integration of enzymes with chemocatalysis <i>Dr Imtiaz Khan</i> The University of Manchester, Manchester, United Kingdom
9:00AM – 11:00 AM	Plenary/Keynote Lectures Series 2 (UMT Conference Hall)
Chair: Co-Chair:	Dr Raza Shah Dr Iftikhar Ahmad
9:00AM – 9:30 AM	Boron Oxide a Novel Sensor of NH₃ and CH₂O <i>Dr Rashid Ahmad</i> Vice Chancellor, University of Malakand, Chakdara
9:30 AM – 10:00 AM	Functional Nanomaterials – Tuning the Size and Surface Chemistry for Applications in Catalysis, Biomedical and Environmental Sciences <i>Dr. Irshad Hussain</i> LUMS, Lahore
10:00 AM – 10:30 AM	Role of Capping Agent for the Colorimetric and Fluorescent Sensing of Different Materials Using Metal Nanoparticles <i>Dr Syed Tufail Hussain Shah</i> Director, National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro
10:30 AM – 11:00 AM	Combining untargeted and targeted metabolomics approaches for the standardization of polyherbal



	formulations using advanced mass spectrometric tools <i>Dr Syed Ghulam Musharraf T.I.</i> HEJ, Karachi
11:00 AM – 11:30 AM	Tea/Coffee Break Poster Session
11:30 PM - 1:10 PM	Concurrent Keynote cum Invited Lectures Series 1 (UMT Conference Hall)
Chair: Co-Chair:	Dr Rashid Ahmad Dr Shahzad Ali Chattha
Time	Speaker /Title
11:30 AM – 11:50 AM	Lahore Engulfing in Smog Dr Jamil Anwar UMT, Lahore
11:50 AM – 12:10 PM	Metal-Organic Frameworks for Renewable Energy Applications <i>Dr Naseem Iqbal</i> NUST, Islamabad
12:10 PM – 12:30 PM	Green Extraction for Effective Recovery of Functional Components/Plant Bioactives <i>Dr. Farooq Anwar</i> Director ORIC & Director Institute of Chemistry, University of Sargodha,
12:30 PM – 12:50 PM	Metal-Organic Frameworks towards N-doped carbon nanotubes: Energy Conversion and Storage Applications <i>Dr Muhammad Arif Nadeem</i> Quaid-I-Azam University, Islamabad



11:30 PM - 1:10 PM	Concurrent Keynote cum Invited Lectures Series 2 (UMT Seminar Hall)
Chair: Co-Chair:	Dr Naseem Iqbal Dr Khurram Joya
Time	Speaker /Title
11:30 AM – 11:50 AM	Metal oxides nanostructure based ultra-sensitive, non-enzymatic electrochemical sensors for targeted environmental and pharmaceutical applications <i>Dr Amber R Solangi</i> University of Sindh, Jamshoro
11:50 AM – 12:10 PM	Methods development and potential applications of graphene and metal oxides based nanocomposites <i>Dr Muhammad Akhyar Farrukh</i> FCC Universiy
12:10 PM – 12:30 PM	Emerging Aspects of Fly Ash based Active Zeolites and Zeolite synergized photocatalysts for Wastewater Treatment <i>Dr Shahzad Ali Shahid Chatha</i> Government College University, Faisalabad



12:30 PM – 12:50 PM				
11:30 AM – 12:45 PM		Concurrent Session Lectures		
Session-A2 Room: 3S-44 Chair: Dr Mazhar Amjad Gillani Co-Chair: Dr Maliha Uroos		Session-B2 Room: 3S-45 Chair: Dr Naeem Ahmad Co-Chair: Dr Sarfraz Ahmad	Session-C2 Room: 3S-46 Chair: Dr Javed Iqbal Co-Chair: Dr Mir Munsif Ali	Session-D2 Room: 3S-47 Chair: Dr Tajnees Pirzada Co-Chair: Dr Hasan Imran Afridi
Time	Speaker and Title	Speaker and Title	Speaker and Title	Speaker and Title
11:30 AM – 11:45 AM	Ali Ahmad, University of Peshawar, Peshawar. Kinetics of the thermal decomposition of peanut shells using termite mound as catalyst	Dr. Sadia Ata, University of The Punjab, Lahore. A comparative study and photocatalytic activity of zinc encapsulated manganese ferrites under UV irradiation for methylene blue dye from aqueous solution	Rooh Ullah, University of Turbat (KECH), Pakistan, KEC. The Rational Design of Ni/ZnO-Al ₂ O ₃ Adsorbents for Reactive Adsorption Desulfurization	Muhammad Saleema, Ghazi University, Dera Ghazi Khan. Pharmacophore modelling of Urease Inhibitors by In-Vitro, Kinetics and Molecular docking Approach.



11:45 AM – 12:00 PM	Madeeha Batool, University of the Punjab, New Campus, Lahore. Forensic Discrimination Potential of inks using Analytical techniques and Chemometrics	Bilal Ahmad Khan, University of Azad Jammu and Kashmir. Synthesis and evaluation of novel S-benzyl- and S-alkylphthalimideoxadiazole-benzenesulfonamide hybrids as inhibitors of dengue virus proteasePerformance	Asma Gul, University of Peshawar, Peshawar. Synthesis, Functionalization and Biological Screening of 5-Hydroxyalkylated Thiadiazine – 2 – Thiones	Aziza Sarwara, University of Malaya, Kuala Lumpur, Malaysia. Antibacterial properties of binuclear Zn(II)-azomethine complexes derived from diaminodiphenylsulphide bridged spacer
12:00 PM – 12:15 PM	Majid Muneer, Government College University Faisalabad, Faisalabad. A mechanistic study of photodegradation of Moxifloxacin using Oxone activated by TiO ₂ in presence of UV-LED	Wahid Bux Jatoi, Shah Abdul Latif University Khairpur, Sindh. Asymmetric Synthesis of α -Trifluoromethylated Piperidines: Applications to the first asymmetric synthesis of Tfm_pipelicolic acids and piperidine-based γ -aminoacids	Faseeha Ashraf, University of Management and Technology, Lahore. Detection And Analysis Of Various Textile Products For Heavy Metal Contents	Madiha Batool, GCU Lahore. Biosynthesis Of Copper Nanoparticles By Using Aloe Barbadensis Leaf Extracts And Study Of Application In Congo Red (Acid Red 28) Dye Removal.
12:15 PM – 12:30 PM	Komal Rizwan, Department of Chemistry, University of Sahiwal, Sahiwal Synthesis of thienyl libraries via Palladium catalyzed cross-coupling reactions: A focus on computational and biological studies	Saeed Ahmed, The University of Lahore, Lahore. CTAB-assisted development of hierarchical flower-like multimorphology magnesium oxide for phosphate removal from the aqueous phase	Dr. Syeda Aaliya Shehzadi, International Islamic University, Islamabad Role of A3-coupling in heterocyclic synthesis	Shabbir Ahmad and Dr Sumera Zaib University of Central Punjab, Lahore Association of inflammatory markers among patients with diabetes mellitus and peripheral arterial disease



12:30 PM – 12:45PM	Saima Q. Memon, M. A. Kazi Institute of Chemistry, Jamshoro. Extraction Optimization of Phenolic Compounds and Flavonoids of Propolis	Hira, University of malakand Chakdara, Dir (L) Khyber. Spectrophotometric Determination of Nickel via Diathiocarbamate Comple	Syeda Shaista Gillani, Lahore Garrison University, DHA Phase-VI, Lahore. Role of Pyridine as enzyme inhibitors	Khalil Ahmad, Bahauddin Zakariya University Multan. Green Synthesis of MOFs for Resorcinol Adsorption
1:00 pm -2:30 pm		PRAYER AND LUNCH BREAK		
2:30PM – 03:00PM	Plenary Lectures (UMT Conference Hall)			
Chair:	Dr Tufail Shirazi			
Co-Chair:	Dr Aamir Waseem			
Time	Speaker /Title			
2:30 PM – 3:00 PM	Supramolecular Nanocarriers for Drug Delivery <i>Dr Muhammad Raza Shah</i> ICCBS, H. E. J. Research Institute of Chemistry			
03:00 PM - 04:30 PM	Concurrent Keynote cum Invited Lectures (UMT Conference Hall)			
Chair:	Dr Zaheer ul Haq Qasmi			
Co-Chair:	Dr Syed Ghulam Musharaf			
Time	Speaker /Title			
3:00 PM – 3:15 PM	Synthesis, characterization and application of copper oxide nanoparticles coated with humic acid obtained from thar coal <i>Dr Tajnees Pirzada</i> Shah Abdul Latif University, Khairpur			
3:15 PM – 3:30 PM	Design, Synthesis and Cytotoxic Effects of Curcuminoids on K562, MCF-7 and MDA-MB-231 Breast Cancer Cell Lines			



	<i>Dr Muhammad Nadeem Akhtar</i> Ghazi University, Dera Ghazi Khan		
3:30 PM – 3:45 PM	Innovations in Chemical Science and Nanoscale Catalysis for Water Splitting and Synthetic Fuels <i>Dr Khurram Joya</i> IUM, Madinah and King Fahd University of Petroleum and Minerals, Dhahran		
3:45 PM – 4:00 PM	A theoretical design of superalkali doped nanocages as high performance nonlinear optical materials <i>Dr Mazhar Amjad Gilani</i> COMSATS Lahore		
4:00 PM – 4:15 PM	Development of glucose conjugated NIR fluorescent bioprobe for in vivo tumor targeting <i>Dr Aamer Saeed</i> Quaid-I-Azam University, Islamabad		
4:15 PM – 4:30 PM (online)	Rational Material Design for Ultrafast Rechargeable Organic Lithium-Ion Batteries <i>Kamran Amin</i> University of Chinese Academy of Sciences, Beijing China		
03:00 PM - 04:30 PM	Industry Session: Panel Discussion on Entrepreneurial Aspects in Chemistry (UMT Seminar Hall) detailed program is at the last		
03:00 PM – 04:30 PM	Concurrent Session Lectures		
<u>Session-A3</u> Room: 3S-44 Chair: Dr Javed Iqbal Co-Chair: Dr Rabia Rehman	<u>Session-B3</u> Room: 3S-45 Chair: Dr Shaista Gillani Co-Chair: Dr Amber Solangi	<u>Session-C3</u> Room: 3S-46 Chair: Dr Aamer Nadeem Co-Chair: Dr Najma Memon	<u>Session-D3</u> Room: 3S-47 Chair: Dr Arif Nadeem Saqib Co-Chair: Dr Sadia Atta



Time	Speaker and Title	Speaker and Title	Speaker and Title	Speaker and Title
03:00 PM – 03:15 PM	Dr. Sumera Zaib University of Central Punjab, Lahore Mechanism of apoptosis in Leishmania tropica promastigotes induced by Pentavalent Antimonials	Khadijatul Kubra, University of Malakand, Chakdara, Dir (L). Synthesis, Characterization, Biological Evaluation and In Silico Studies of Trolox-Based Acylhydrazones	Samiah Shahid, University of the Punjab, Lahore. Plasma miR-146a signature as a diagnostic and prognostic marker for pediatric acute lymphoblastic leukemia	Dr Sarfaraz Ahmed Mahesar University of Sindh, Jamshoro Applications of FTIR spectroscopy in Oils and fats analysis
03:15 PM – 03:30 PM	Arslan Hameed, Quaid Azam University Islamabad. Layered Double Hydroxide Nanosheets and Their Derived Nanocomposites Toward Efficient Oxygen Evolution Reaction	Sobia Tabassum IRCBM), COMSATS Chemical Modifications To Tailor The Performance Of Hydroxyapatite	Aamal Rehman, University of Management and Technology, Lahore Synthesis of MnO ₂ Doped Cu ₂ O/Cu@C MOF as an Efficient Catalyst for CO ₂ Reduction Reaction	Syeda Sadia Batool, University of Management and Technology, Lahore Synthesis of Cu-Based Metal Organic Frameworks for CO ₂ Reduction
03:30 PM – 03:45 PM	Muhammad Sofian, Quaid Azam University, Islamabad. PGM free non precious metal based electrocatalysis for Oxygen reduction reaction in fuel cell	Muhammad Arif Lodhia, University, Mardan, Khyber Pakhtunkhwa. Anti-HCV potential of flavonoids isolated from Rhynchosia pseudo-cajan: In-vitro and in silico approach	Waheed Iqbal, Quaid Azam University Islamabad. Silver-metal based nanocomposites for electrocatalytic reduction of CO ₂ to CO	Muhammad Javed Iqbal, Bijing Institute of Technology, Beijing, China. Synthesis of Choral nanomaterials in the presence of Purine nucleotides
03:45 PM – 04:00 PM	Syeda Saba Hassan, University of Management and Technology, Lahore. Fabrication of cobalt doped zinc ferrite nanoparticles with sulfur doped graphitic carbon nitride photocatalytic material	Muhammad Adnan Iqbal, University of Agriculture Faisalabad. Synthesis of Bromide Bridged Mercury(II)-N-Heterocyclic Carbene Complexes to	Aqsa Hanif, University of Agriculture Faisalabad. Human Lung Cancer Targeted Cytotoxicity, Nuclear Condensation, and Mitochondrial Membrane Potential of Nepeta Paulsenii, A Perennial Herb	Asma Arshad and Dr. Sumera Zaib, University of Central Punjab, Lahore Effect of clomiphene citrate on ovulation induction and hormones of infertility with inflammatory effects on gingiva



04:00 PM – 04:15 PM	Ammara, University of Malakand, Chakdara, Dir (L), Khyber. Structure-Based Design and Synthesis of Trolox–1,3,4-Oxadiazole Hybrids with Potential Multi-Target Bioactivities	Bilal Ashraf, Amna Asghar University of Education, Township, Lahore. Application of Carbon Sorbent derived from Citrus X sinensis (Orange) Peels for the Removal of Insecticides and Herbicides from Aqueous Resources	Rimsha Khan, University of Management and Technology, Lahore, Pakistan. Review on Chemical Profile and Anti-Bacterial Activity of Achillea millefolium L	Urooj Fatima, University of Management and Technology, Lahore, Pakistan. Computational study of Zingiber officinale phytochemicals to evaluate the potency against protein 5rgm and 2gz9 SARS-CoV-2
04:15 PM – 04:30 PM	Aamer Saeed, Department of Chemistry, Quaid-I-Azam University, Islamabad 45320, Pakistan. Total synthesis of achlisocoumarins I-II from Achlys triphylla	Aswa Firdous HEC Pakistan Phosphatized copper oxide nanoparticles for electrochemical nitrite detection	Arjumand Iqbal Durrani Department of Chemistry, UET Lahore Effect Of Clarified Rice Syrup On Quality Of Gluten Free And Sugar-Free B	Nighat Zia ud Den Department of Biochemistry, Government College University Faisalabad, Pakistan Enhancement sunflower seed germination and antioxidant profiling through magnetic seed stimulation
04:30 PM – 05:00 PM	Concluding Ceremony Distribution of Certificates (UMT Conference Hall)			
5:00 PM – 5:30 PM	Refreshment/Tea/Coffee			
PROGRAM OF THE 2nd DAY IS FINISHED				



The banner features logos of HEC, National Academy of Sciences, UAVT, FS, and Chemical Society of Pakistan. The central text reads: "19th International and 31st National Chemistry Conference on Emerging Trends in Chemistry 2021". Below this, it says "DECEMBER 16-18, 2021". At the bottom right, it states: "Jointly Organized by Chemical Society of Pakistan and Department of Chemistry and Office of Research Innovation and Commercialization UMT Lahore – Pakistan". The background includes a molecular structure graphic.

Tentative Schedule of the Conference

Day 3 December 18, 2021 (Saturday)	
09:00AM – 03:00 PM	City Tour (for outstation participants only, Interested participants will register at desk@ Rs700/-)





Poster Presentations

Poster Number	Presenter	Affiliations	Title
P1	Ali Abbas And Syed Ali Raza Naqvi	Govt College University Faisalabad, Faisalabad, Pakistan	Antioxidant, Antibacterial And Antifungal Potential Study Of Salvia Macrosiphon Boiss. Stem Extracts
P2	Saliha Sajid	Department Of Chemistry, Faculty Of Sciences, University Of Management And Technology, Pakistan	Cisplatin Encapsulated Zno Nanoparticles For Target Drug Delivery In Cancer Patients.
P3	Sabah Haider	School Of Chemistry, University Of The Punjab, Lahore, Pakistan.	Continuous Flow Adsorption Of Crystal Violet Dye Using Ficus Religiosa Branches
P4	Adnan Khan, Sumeet Malik, Nauman Ali, Kashif Gul And Arif Nawaz	Institute Of Chemical Sciences, University Of Peshawar, Khyber Pakhtunkhwa, 25120 Pakistan	Synthesis Of Ternary Ferrite-Chitosan Microspheres For Photocatalysis Of Selected Organic Dyes
P5	Sania Azam, Erum Akbar Hussain And Shahida Shujaat	Department Of Chemistry, Lahore College For Women University, Lahore, Pakistan	Preparation Of Propolis-Polymeric Composites For Apricot Preservation
P6	Faiqa Arshad And Sammia Shahid	University of Management and Technology, Lahore	Comparison Of Antioxidant Activity Of Plant Parts Of Annona Squamosa (L.)
P7	Bareera Ejaz And Erum Akbar Hussain	Department Of Chemistry, Lahore College For Women University, Pakistan	Des Mediated Synthesis Of Furylazoles - A Green Aspect Of Organic Synthesis
P8	Pirah Siyal	National Center Of Excellence In Analytical Chemistry, University Of Sindh Jamshoro, Pakistan	Biosynthesis Of Capsicum Annum L. Capped Gold Nanoparticles And Their Application In Sensor



P9	Nafeesah Maqbool And Erum Akbar Hussain	Department Of Chemistry, Lahore College For Women University, Pakistan	Solvent Free Synthesis Of Bisindolyl Methanes- A Green Approach Towards Sustainability
P10	Sijal Dar, Rehab Iftikhar, Faryal Chaudhry And Rahila Huma	Department Of Chemistry, Kinnaird College For Women, Lahore-Pakistan	Preliminary Assessment Of Selected Heavy Metal Residues In Different Types Of Cheese Consumed In Lahore, Pakistan
P11	Moiz U Din Khan, Sana Rubab Mir, Fakhira Bashir, Faiza Sharif, Muhammad Shahid Nazir, Mazhar Amjad Gillani And Sobia Tabassum	Interdisciplinary Research Centre In Biomedical Materials (IRCBM), COMSATS University Islamabad, Lahore Campus, Pakistan	Nature Mimicked Antibacterial Zein Reinforced Thermosensitive Bone Regenerative Grafts
P12	Kainat Ali And Erum A. Hussain	Department Of Chemistry, Lahore College For Women University, Lahore	Green Synthesis Of Aryl Esters Mesogens
P13	Zunaira Zahid	Department Of Chemistry, School Of Science, University Management And Technology Lahore Pakistan	The Comparative Study Of The Novel Indole Glucoalkaloid And Secoiridoid Glucoside From Tripterospermum Chinense
P14	Salman Zafar, Nisar Ahmad, Abdur Rauf, Yan Wang, Farzana Shaheen And Muhammad Iqbal Choudhary	Institute Of Chemical Sciences, University Of Peshawar, Peshawar - 25120, Pakistan	Metabolic Profiling Of Macrophomina Phaseolina
P15	Salman Zafar, Ghias Uddin And Sheema Khan	Institute Of Chemical Sciences, University Of Peshawar, 25120, Peshawar	Composition And Biological Potential Value Of The Crude Extract Of Curcuma Zedorria
P16	Aqsa Sahar And Sammia Shahid	Department Of Chemistry, School Of Science, University Of Management And Technology, 54770, Lahore, Pakistan	Comparison Of Synthesis Methods Of Gold Nanoparticles



P17	Abdul Haseeb Mohsin, Rasool Khan, Salman Zafar And Aiman Bibi	Institute Of Chemical Sciences, University Of Peshawar, Peshawar- 25120, Pakistan	Synthesis Of B-Lactams Functionalized And Functionally Diverse Tetrahydrothiadiazine-2-Thiones In Search Of Potential Anti-Inflammatory Agents
P18	Murad Ali And Changkun Li	Shanghai Key Laboratory For Molecular Engineering Of Chiral Drugs, School Of Chemistry And Chemical Engineering, Frontiers Science Center For Transformative Molecules, Shanghai Jiao Tong University, 800 Dongchuan Road, Shanghai 200240, China	Desymmetrization Construction Of Chiral Lactones By Synergistic Cu(II) Com-Plex And Organic Base
P19	Sitara Malik, Nadia Naveed And Amara Dar	University of the Punjab, Lahore, Pakistan	Solid Phase Extraction For The Removal Of Lead And Chromium From Waste Water Using Raw And Chemically Modified Fuller's Earth
P20	Yasmeen Khan, Sammia Shahid	Department Of Chemistry, School Of Science, University Of Management And Technology, Lahore-554770, Pakistan	Comparative Study Of Anti-Ulcer Activity Of Different Extracts Of Ficus Religiosa (Moraceae)
P21	Khadija Sani And Erum Akbar Hussain	Department Of Chemistry, Lahore College For Women University, Lahore, Pakistan	Preparation Of Sago Starch Hydrogels For Efficient Delivery Of Eugenol
P22	Shakeela Rauf And Dr. Sammia Shahid	University of Management and Technology, Lahore.	Comparative Study Of Effects Of Belamcanda Chinensis And Saffron (Crocus Sativus) From Family Iridaceae, On Blood Glucose Level And Blood Insulin Level In Rats.
P23	Muhammad Ishraq Ahmad And Waqas Ahmad	Chemical society of Pakistan, Lahore.	Desulfurization And De-Ashing Of Low-Rank Coal By Catalytic Oxidation Using Sn As Catalyst Loaded In Different Forms
P24	Asma Gul And Rasool Khan	Institute Of Chemical Sciences, University Of Peshawar, Peshawar-25120, Pakistan	Synthesis, Functionalization And Biological Screening Of 5-Hydroxyalkylated Thiadiazine – 2 – Thiones



P25	Faseeha Ashraf	University of Management and Technology, Lahore.	Heavy Metal Removal From Various Wastewater Samples Using Low Cost And Efficient Adsorbents
P26	Raheela Rana, Sammia Shahid	University of Management and Technology, Lahore.	Comparative Study Of Antimalarial Activity Of Three Different Research Article From Icacinaceae Family
P27	Muhammad Javid Khan	Institute Of Chemical Sciences University Of Peshawar	Synthesis And Functional Modification Of 3-Alkyl-5-Amino Tetrahydro-2h-1, 3, 5-Thiadiazine-2-Thiones In Search Of Bioactive Agents
P28	Samia Mehboob And Erum Hussain	Department Of Chemistry, Lahore College For Women University, Lahore	Synthesis Of Biodegradable Galactomannan Hybrid For Anti-Inflammatory Drug Delivery
P29	Warda Khalid And Erum Akbar Hussain	Department Of Chemistry, Lahore College For Women University, Lahore	Synthesis Of Ternary Blends For Optoelectrical Applications
P30	Khalida Naseem, Shafiq Ur Rehman And Asad Aziz	Department Of Chemistry, University Of Central Punjab, Lahore Pakistan	Plant Extract Induced Biogenic Preparation Of Silver Nanoparticles And Their Potential For Catalytic Degradation Of Toxic Dye
P31	Azhar Iqbal	Department of Chemistry, Bacha Khan University, Charsadda, KP	Cycling Performance Degradation Of Ni-Rich Layered NCM Materials In Full-Cells: Effect Of Elevated Temperature
P32	Sana Ahmad, Sara Maryam And Bushra Parveen	Lahore College For Women University, Lahore.	Synthesis Of Starch-Clay Nanocomposite Films And Their Potential Applications In Food Preservation
P33	Shoomaila Latif And Maimoona Saeed	University of the Punjab, Lahore University of Lahore, Lahore	Synthesis, Characterization And Photocatalysis Of Ternary Metal Complexes Using Salicylic Acid As A Primary Ligand.
P34	Muhammad Idrees	Bacha Khan University Charsadda	Carbazole Interaction With Selected Phenols In A Micellar System Of Cetyltrimethylammonium Bromide (CTAB)



P35	Aasma Saeed, Dr. M. Asif Hanif, Rabia Latif And Tahira Saeed	University of Agriculture, Faisalabad Pakistan	Nano-Structured Super Catalytical Clays For Production Of Biodiesel From Peach Waste Oil
P36	Bushra Naseem And Ayesha Amin	Department Of Chemistry, Lahore College For Women University, Jail Road Lahore, Punjab, Pakistan.	Surfactant Templated Synthesis Of Nanofibers By Dilute Polymerization Method For Energy Storage Devices
P37	Sana Ahmad, Hareem Shahzadi And Mamoon Khan	Lahore College For Women University, Lahore.	Synthesis, Characterization And Release Study Of Drug-Loaded Collagen-Chitosan Hydrogel Composites
P38	Sana Ahmad, Amna Riaz And Tehreem Liaqat	Lahore College For Women University, Lahore.	Synthesis Of Chitosan-Clay Composites For Water Purification
P39	Syed Habib Ullah, Dr. Rasool Khan And Dr. Ghias Uddin	Institute Of Chemical Science Peshawar	Synthesis Of Structurally Diversified 3, 5 – Disubstituted – Tetrahydro – 2H – 1, 3, 5 – Thiadiazine – 2 – Thiones And Their Bioactivities
P40	Faisal Muhammad And Jan Nisar	National Center Of Excellence In Physical Chemistry, University Of Peshawar	Kinetics Of Pyrolysis Of Citrus Limetta Waste In Presence And Absence Of Zeolite
P41	Huda Rizwan And Sammia Shahid	Department Of Chemistry, School Of Science, University Of Management And Technology, 54770, Lahore, Pakistan	Comparison Of Synthesis Methods Of Zinc Stannate Nanoparticles
P42	Attia Bukhari And Dr Tariq Javed	Chemistry Department, University Of Sahiwal, Sahiwal,	Adsorption Of Gentian Violet By Fish Scales As A Source Of Biosorbent: Kinetic, Isotherm, And Thermodynamic Studies.
P43	Sana Ahmad, Saira Arif And Maida Amjad	Lahore College For Women University, Lahore.	Preparation Of Surface Modified Tea Waste As A Low-Cost Adsorbent



P44	Sana Ahmad, Hira Maqbool And Barira Jamil	Lahore College For Women University, Lahore.	Photocatalytic Degradation Of Congo Red Dye By Fe/Tio ₂ Nanocomposites
P45	Muhammad Naveed Iqbal, Tariq Javed And Muhammad Babar Taj	Chemistry department, University of Sahiwal, Sahiwal.	Coriandrum Sativum Seeds As A Green Low-Cost Biosorbent For Crystal Violet Dye Removal From Wastewater
P46	Tayyaba Hussain	Department Of Chemistry, Lahore College For Women University, Lahore	Multistep Synthesis Of Bioactive Phenyl Based Pyrazole Coumarin
P47	Nimra Anis	Department Of Chemistry, Lahore College For Women University, Lahore	Antioxidant Potential Of Flavanoid Isolated From Indigenous Tea Decoction
P48	Eman Javaid	Department Of Chemistry, Lahore College For Women University, Lahore	In Vitro Anti Inflammation And Hemolytic Study On Different Flower Extracts Of Mangifera Indica (Mango)
P49	Samia Kausar, Dr. Ataf Ali Altaf And Prof. Dr. Amin Badshah	University of Gujrat	Halide Perovskite Materials For Catalytic Depolymerization Of Lignin
P250	Tayyaba Naseem	University of Management and Technology	Computational analysis of nigella sativa derived phytochemicals against beak and feather disease virus
P51	Azka Shahid, Sabahat Sultana Hashmi Sultana Hashmi, Mazhar Amjad Gilani And Sobia Tabassum	Interdisciplinary Research Centre In Biomedical Materials (IRCBM), COMSATS University Islamabad, Lahore Campus, Pakistan	Antibacterial Functionally And Structurally Graded Composite Membrane For Periodontal Regeneration
P52	Tooba Shoaib, Shahida Shujaat And Erum Akbar Hussain	Department Of Chemistry, Lahore College For Women University, Lahore	Assessment Of Heavy Metal In Local Cosmetic Products By Absorption Spectrophotometer



P53	Bisma Munir Ahmad, Shahida Shujaat And Erum Akbar Hussain	Department Of Chemistry, Lahore College For Women University, Lahore	In Vitro Biological Potential Of Mustard Seed Extracts
P54	Nouman Rafique And Anham Zafar	Department Of Chemistry , Lahore College For Women University , Lahore	Photodegradation Of Azo Dyes By Using Metal Incorporated Ionic Liquids
P55	Fatima Shahbaz	Department Of Chemistry , Lahore College For Women University , Lahore	Multistep Synthesis Of Acetyl Substituted Thioxo – Pyrimidine Chromene -2-One
P56	Sana Khadam And Tariq Javed	Department Of Chemistry, University Of Sahiwal, Sahiwal, Pakistan,	Removal Of Methyl Violet Dye From Wastewater By Using Eggshells
P57	Habiba Mushtaq, Haq Nawaz Bhatti And Amina Khan	University of Agriculture Faisalabad.	Fabrication Of Bimetallic Nanoparticles For Environmental Remediation
P58	Mubeen Ashraf, Haq Nawaz Bhatti And Amina Khan	University of Agriculture Faisalabad.	Synthesis Of Iron Oxide Nanoparticles And Thier Application As Nanofertilizer To Increase The Growth Efficiency Of Zia Maize Plant
P59	Ayesha Khadim And Sammia Shahid	University of management and technology Lahore.	Comparison Of Green Synthesis Of Zno Nanoparticles
P60	Mansoor Ali Kandhro, Sarfaraz Ahmed Mahesar And Syed Tufail Hussain Sherazi	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, Pakistan	Assessment Of Quality Of Olive Oil Commercially Available In Pakistan
P61	Mehrunisa Abbasi, Farah Naz Talpur And Aamna Balouch	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, 76080, Pakistan	Bioremediation Of Pymetrozine By Plurotus Eryngii Fungal Biomass



P62	Fayyaz Salih Hussain, Najma Memon And Zeeshan Khatri	1National Center Of Excellence In Analytical Chemistry. University Of Sindh, Jamshoro	Development Of Antiviral Fabrics, Their Characterization And Application For Prevention Of Covid-19
P63	Jamil Buledi And Amber R. Solangi	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro	Hetero-Catalytic Kinetics Of CuO Nanostructures For Simultaneous Decolorization Of Eosin Y And Rhodamine B In Aqueous Environment
P64	Taniya Siyal And Najma Memon	1National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, Pakistan	Co-Relation Of Particle Size And Catalytic Efficiency Of Bio-Carbon Derived Solid Acid Catalyst
P65	Nadir Hussain Khand And Amber Rehana Solangi	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro-76080- Sindh, PAKISTAN	A New Electrochemical Method For The Detection Of Quercetin In Onion, Honey And Green Tea Using Co ₃ O ₄ Modified GCE
P66	Sobia Kunbhar, Farah Naz And Sarfaraz Ahmed	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro,76080, Pakistan	Authentication Of Halal Fat Ingredients In Selected Imported Confectionery Products Marketed In Pakistan
P67	Komal Shah, Aamna Balouch And Farah Naz	National Centre Of Excellence In Analytical Chemistry, University Of Sindh Jamshoro Pakistan 76080	Green Synthesis Of Copper Oxide Nanoparticles Via Prosopis Glandulosa For Removal Of Eriochrome Black T
P68	Amna Kalhoro	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, Pakistan	Evaluation Of Quality Of Oil Present In Biscuits Prepared Through Industrial And Artisanal Process
P69	Muhammad Nawaz, Dr Huma Shaikh And Prof Amber R Solangi	National Center Of Excellence In Analytical Chemistry University Of Sindh, Jamshoro	Synthesis Of Functionalized Graphene Based Composite Materials And Their Applications
P70	Sanoober Bhagat	National Centre Of Excellence In Analytical Chemistry, University Of	Quality Evaluation Of Commercially Available Shampoos



		Sindh, Jamshoro 76080 Pakistan	
P71	Seerat Ul Urooj Abro	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, Pakistan	Significance And Impact Of Trace And Toxic Metals In Different Age Groups Consuming Confectionery And Nut Products.
P72	Bilawal Maher, Dr.Huma Shaikh And Dr.Prof. Shahabuddin Memon	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, 76080, Pakistan	Synthesis Of Mixed Matrix Proton Exchange Membrane And Its Application For Fuel Cell
P73	Rahmat Ullah, Rashid Ahmad, Adnan Ali Khan And Iftikhar Ahmad	Center For Computational Materials Science, University Of Malakand, Pakistan	P-Doped C ₂₄ N ₂₄ Fullerene As An Efficient Candidate For Scavenging Of NO ₂ , A Contributor To COVID-19 Fatality
P74	Saeed Ahmed Memon, Dr. Huma Ishaque Shaikh And Shahabuddin Memon	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro-Pakistan-76080	Di Allylcalix[4]Arene Incorporated Polystyrene Nanofibers For Removal Of Endosulfan From Aqueous Environment
P75	Fazeela Kandhro, Tasneem Gul Kazi And Hassan Imran Afridi	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, Pakistan, Postal Code 76080	Compare The Nutritional Status Of Essential Minerals In Milk Of Different Cattle And Humans: Estimated Daily Intake For Children
P76	Saddiqa Mansoor And Sohail Nadeem	University of management and technology Lahore.	Comparative Study For The Synthesis Of Graphene Oxide
P77	Shazia Chohan, Najma Memon, Sarfraz Ahmed Mahesar, Sanam Iram Soomro, Sheeraz Ahmed And Fayaz Umrani	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, Pakistan.	Quantitative Analysis Of Macronutrients And Oil Quality Of Snacks Commonly Consumed In Rural Sindh, Pakistan



P78	Muhammad Mehboob, Aamna Balouch And Shahabuddin Memon	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro. Pakistan 76080	Green Synthesis Of Silver Based Bimetallic Nanoparticles Using Bombax Ceiba Flower Extract And Their Morphological, Optical, And Catalytic Application
P79	Amir Haleem Abbasi, Musammir Khan And Fawad Ahmad	University of Wah, Wah Cantt.	Synthesis Of Metal-Free Biomass-Derived Electrocatalyst And Its Electrochemical Applications
P80	Sahrish Khatri, Syed Tufail Hussain Sherazi, Zeeshan Khatri, Sarfaraz Ahmed Mahesar, Farooq Ahmed And Aneel Kumar	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro	Adsorption Of Methylene Blue Through Electrospun Nanofiber Polyvinylidene Fluoride-Co-Hexafluoropropylene (PVDF-HFP) Incorporated Silica Nanoparticle (Sinps)
P81	Suryyia Manzoor, Muhammad Hayat, Muhammad Sajid And Zeeshan Ali	Institute Of Chemical Sciences, Bahauddin Zakariya University, Multan.	Template Assisted Imprinted Materials For The Selective Adsorption Of Tribenuron Methyl
P82	Suryyia Manzoor, Ramsha Shuja, Muhammad Ali, Aqsa Umar And Alveena Eram	Institute Of Chemical Sciences, Bahauddin Zakariya University, Multan, 66000, Pakistan	Synthesis Of Biodegradable Plastic By Using Cellulose Extracted From Waste Clothes
P83	Qaisar Khan ¹ , Abdul Majeed ^{2,3} , Nisar Ahmad ⁴ , Iftikhar Ahmad ^{2,3} And Rashid Ahmad ^{1,3*}	Department Of Chemistry, University Of Malakand, Chakdara, Dir (L), Pakistan	Structural Features And Dielectric Behavior Of Al Substituted Cu _{0.7} Ni _{0.3} Fe ₂ O ₄ Ferrites
P84	Atif Islam ¹ , Sehrish Jabeen ¹ , Chaman Ara ² , Ariba Farooq ³ ,	Institute Of Polymer And Textile Engineering, University Of The Punjab, Lahore, Pakistan	Sodium Alginate Derived Silane Crosslinked Hydrogels To Study Angiogenic Potential And Wound Healing Efficacy In Chick And Mouse Models



	Asmatullah ² , Rafi Ullah Khan ¹		
P85	Mehroz Yaseen	UMT	Versatile Applications Of Bi Metallic Metal Organic Framework
P86	Azizuddin Shaikh* And Muhammad Iqbal	Department Of Chemistry, Federal Urdu University Of Arts, Science & Technology, Gulshan-E-Iqbal Campus, Karachi, Pakistan	Amazing Biotransformational Derivatives Of Dydrogesterone
P87	Zainab ¹ , Khalid Saeed ² , Nazish Shahab ¹ And Manzoor Ahmad ¹	Department Of Chemistry, University Of Malakand, Chakdara Dir (L), Khyber Pakhtunkhwa, Pakistan	Green Synthesis, Characterization And Cholinesterase Inhibitory Potential Of Gold Nanoparticles
P88	Ayesha Arif ¹ , Kiran Aftab ² , Razia Noreen ^{1*}	Department Of Biochemistry, Government College University, Faisalabad	Antimicrobial Activity Of Coal Derived Fulvic Acid
P89	Dr Muhammad Haroon	Department Of Chemistry, University Of Turbat, Balochistan, Pakistan	Synthesis, Characterization And Application Of Starch Phosphate-G-Polyacrylic Acids As Adsorbents For Removing Ammonia And Phenol
P90	Amber R. Solangi ^{a*} , Hadi Baksh ^a , Jamil A. Buledi ^a	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro-76080- Pakistan	Non Enzymatic Electrochemical Sensor Based On Tin Oxide Nanostructures For Simultaneous Determination Of Two Vitamins
P91	M.T. Saddique ^{*1} , G. Shahzadi ¹ , A. Naeem ² , Z.A. Raza ¹ ,	National Textile University Sheikhpura Road Faisalabad Pakistan- 37610	Effect Of Temperature, And Concentration On Potentiometric Titrations Of Chitosan And Its Based Biosorbents



P92	Arjumand Iqbal Durrani* , Aisha Munawar And Muhamamd Ghaffran	Department Of Chemistry, Faculty Of Natural Sciences, Humanities & Islamic Studies, University Of Engineering And Technology, Lahore, Pakistan	Effect Of Clarified Rice Syrup On Quality Of Gluten Free And Sugar-Free B
P93	G. Shahzadi* ,M.T. Saddique, Z.A. Raza	National Textile University Sheikhpura Road Faisalabad Pakistan- 37610	Effect Of Temperature, Ph And Concentration On Adsorption Studies Of Chitosan Mixed Cellulose Biosorbent
P94	Amber Rehana Solangi ¹	National Centre Of Excellence Analytical Chemistry, University Of Sindh, Jamshoro Department Of Chemistry, Government College University Hyderabad	Assessment Of Selected Heavy Metals Contamination And Its Sources In Urban Soil And Ground Water Of District Hyderabad, Using GIS And Multivariate Analysis
P95	Iqra, Rozina Khattak, Hamsa Noreen, Bushra Begum, Razia	Department Of Chemistry, Shaheed Benazir Bhutto Women University, Peshawar 25000, Pakistan	Synthesis, Characterization And Optical Properties Of Novel Ppy/Mno ₂ Composite
P96	Razia Bibi, Bushra Begum, Rozina Khattak, Nabila Ihsan, Maria Zeb	Department Of Chemistry, Shaheed Benazir Bhutto Women University, Peshawar 25000, Pakistan	Synthesis And Optical Investigation Of Sodium Dodecylsulfate And Perchloric Acid Doped Polyindole Salt Via Benzoyl Peroxide As Oxidant
P252	Bushra Mughal and Muhammad Arif Nadeem	Quaid-i-azam university Islamabad	Metal organic framework as an adsorbent for Boron uptake
P98	Sundas Noreen, Hamsa Noreen, Rozina Khattak, Gul Rukh, Iqra	Department Of Chemistry, Shaheed Benazir Bhutto Women University, Peshawar 25000, Pakistan	Mineral Elements Composition And Dpph Free Radical Scavenging Activities Of Acetonic Extract Of Fenugreek



P99	Aftab Alam, Momin Khanm, Khalid Mohammad Khan And Manzoor Ahmad	Department Of Chemistry, Abdul Wali Khan University, Mardan-23200, Pakistan	Synthesis Of Flurbiprofen Derivatives And Their Biological Activities
P100	Anjum Lashari* , Hassan Imran Afridi , Tasneem Gul Kazi , Farah Naz Talpur	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, Pakistan	Evaluate The Impact Of Oil Well Drilling Activities On Vanadium Contents In Soil, Ground Water, Vegetables, Fruits And Feed Crops: Impact On Human
P101	Khalil Akhtar1 , Jameel Ahmed Baig1* , Tasneem Gul Kazi1 , Sirajuddin2 , Hassan Imran Afridi1 , Farah Naz Talpur1 , Imam Bakhsh Solangi3 , Suraya Samaijo1	Center Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro 76080	Fluoride Selective Voltammetric Sensor By Modified Gold Electrode
P102	Shakoor Ahmed Solangi1 , Jameel Ahmed Baig1 , Hassan Imran Afridi1	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro Jammu And Kashmir, Pakistan	Impact Of Heavy Metals On Rice Varieties By Different Fertilizers
P103	Jawad Ali* , Jan Nisar	National Center Of Excellence In Physical Chemistry, University Of Peshawar	Kinetics Of The Thermal Decomposition Of Catalyzed And Un-Catalyzed Polylactic Acid
P104	Mehrunnisa _a , Huma Shaikh A,* , Dr. Amber R. Solangi _a	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, 76080, Pakistan	Synthesis Of Functionalized Carbon Material For The Catalytic Degradation Of Selected Organic Contaminants



P105	Niaz Ali Malghani ¹ , Sarfaraz Ahmed Mahesar ¹ And Jameel Ahmed Baig ¹ , Farah Naz Talpur ¹	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro	Nutritional Profiling Of Vegetables Grown In Larkana Division
P106	Noshad Razzaque*, Farah Naz Talpur, Hassan Imran Afridi	National Center Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, 76080, Pakistani	Leaching Of Phthalates From Plastic Packaging Into Juices
P107	Salman Waris*, Jan Nisar	National Centre Of Excellence In Physical Chemistry, University Of Peshawar	Pyrolysis Behaviour Of Karanja (Pongamia Pinnata L.) Seed Press Cake: Evaluation Of Abandoned Anthill As Catalyst
P108	Shahbaz Ali Mallaha , Huma Shaikha,* , Dr. Najma Memon	National Centre Of Excellence In Analytical Chemistry, University Of Sindh, Jamshoro, 76080, Pakistan	Synthesis Of Functionalized Graphene Based Composites And Their Application In Water Purification
P109	Muhammad Saleema ¹ *, Jabir Hussain ² , Atia-Tul-Wahab ³ , Muhammad Ali ⁴ , Shahiram Niaz ⁴ , And M. Iqbal Choudhary ³	¹ Department Of Chemistry, Ghazi University, Dera Ghazi Khan	Pharmacophore Modelling Of Urease Inhibitors By In-Vitro, Kinetics And Molecular Docking Approach
P110	Muhammad Ibrahim* And Faiz Ali	Department Of Chemistry, University Of Malakand, Chakdara Dir (L), KPK, Pakistan	Porous Silica Monolith Activated Carbon Composite For The Adsorption Of Cadmium And Mercury
P111	Musa Khan* And Faiz Ali	Department Of Chemistry, University Of Malakand, Chakdara Dir (L), KPK, Pakistan	Adsorptive Removal Of Imidachlopiride And Carbofuran Pesticides Using The Silica Monolith Anchored Graphene Oxide.
P112	Sheema Bibi *, Najib Ur Rahmana	Department Of Chemistry, University Of Malakand, Chakdara, Dir (L), Pakistan	Low Cost Adsorbent For The Removal Of Dye From Waste Water.
P113	Fatima Sani, Mumtaz Ali	Department Of Chemistry, University	Synthesis Of Selected Acetylcholinesterase Inhibitors Based



	And Abdul Latif	Of Malakand, Chakdara Dir L, KP, Pakistan	On Benzimidazole-2-Thiol Nucleus
P114	Abdul Ghaffar Chandio ¹ , Ayaz Ali Memon ¹ , Nasrullah Mahar ² , , Noor Ahmed Nahiyon ¹ , , Khalid Hussain Thebo ³ , Dahar Janwery ¹	National Centre Of Excellence In Analytical Chemistry, University Of Sindh Jamshoro	Fabrication Of High Efficiency Visible Light Z-Scheme Heterostructure Gc ₃ n ₄ Fe ₀ /Tip And Degradation Of Rhodamine
P115	Zahid Hussain ^{1*} , Aizaz Khan ¹ , Mohammad Yasin Naz ² , Khalid Mohammed Khan ³ And Shahnaz Perveen ³	1Department Of Chemistry, Abdul Wali Khan University Mardan, Pakistan.	Utilization Of Photovoltaic Energy For The Spark Assisted Pyrolysis And Copyrolysis Of Dara Adam Khail Coal And Waste Polyethylene Into Oil And Gas
P116	Fahim Ullah Khan ^{*1} , Sammia Shahid	Department Of Chemistry, School Of Science, University Of Management And Technology, C-LI Johar Town, Lahore 54770, Pakistan.	Comparison Of Synthesis Methods Of Titania (TiO ₂) Nanorods Voltametric Determination Of BPA In Exposed Bottle Water
P117	Zahid Hussain, Faryal Fare, Mohammad Yasin Naz, Khalid Mohammed Khan And Shahnaz Perveen	Department Of Chemistry, Abdul Wali Khan University Mardan, Pakistan.	Utilization Of Wild Plants Juices For The Preparation Of Bio Rechargeable Batteries
P118	Maria Aziz*, Jan Nisar	National Center Of Excellence In Physical Chemistry, University Of Peshawar	Kinetic Study Of Thermal Degradation Of Polypropylene Using Florisil As Catalyst
P119	Rahmat Ullah ^{1,2} , Adnan Ali Khan ^{1,2} , Rashid Ahmad ^{*1,2} , Iftikhar Ahmad ^{1,3}	1Center For Computational Materials Science, University Of Malakand, Pakistan	P-Doped C ₂₄ N ₂₄ Fullerene As An Efficient Candidate For Scavenging Of NO ₂ , A Contributor To COVID-19 Fatality



P120	Dahar Janwery ^{1*} , Ayaz Ali Memon ¹ , Khalid Hussain Thebo ^{1,2} , Farooque Ahmed Janjhi ¹ , Abdul Ghaffar Chandio ¹ , Inamullah Mahar ¹ , Imamdin Chandio ¹ , And Naseem Hakro ¹	1 National Centre Of Excellence In Analytical Chemistry, University Of Sindh Jamshoro	Green Fabrication Of Graphene Oxide-Based Membranes For Ultrafast Water Purification And Heavy Metals Separation
P221	Shahzad Ameen, Anham Zafar, Dr Amir Waseem	Department Of Chemistry Quaid-I-Azam University, Islamabad, Pakistan	Silver Sulfide And Zirconia Composite Based Visible Light Photocatalyst For The Degradation Of Organic Pollutants
P222	Safia ¹ , Fatima Javed* ¹ , Sundas Noreen ¹ , Faheem Ullah ²	1Department Of Chemistry, Shaheed Benazir Bhutto Women University Peshawar, Pakistan	Synthesis Of Multiresponsive Composite Hydrogel For Removal Of Selective Antibiotics From Drinking Water
P223	Azmat Mehmood Asim And Maliha Uroos	Centre For Research In Ionic Liquids, School Of Chemistry, University Of The Punjab, 54590 Lahore, Pakistan	Processing Of Agricultural Waste Via Biocompatible Ionic Liquid To Produce Food-Grade Glucose
P224	Hassan Maqsood, Maida Akhlaq, Maliha Uroos	Centre For Research In Ionic Liquids, School Of Chemistry, University Of The Punjab, 54590 Lahore, Pakistan	Utilization Of Agricultural Waste For Efficient Mass Production Of Carboxymethyl Cellulose
P225	Uzma Shahazidy	Department Of Chemistry, Government College University Faisalabad, 3800 Pakistan	Volumetric Studies On Understanding The Salvation Behavior And Sweetness Response Of Erythritol In Aqueous Kcl Solution At Different Temperatures
P226	Haseena Khaliq	Department Of Chemistry University Of Malakand Chakdara, Dir Lower, KP, Pakistan	Michael Reaction As A Tool For Construction Of C-C Bond
P227	Nimra Nisar	Quaid Azam University Islamabad	Cocu-MOF Derived Nanomaterials For Efficient Oxygen Evolution Reaction



P228	Ahmad Faraz	Quaid Azam University Islamabad	Agcu-Alloy Supported On Porous Carbon For Selective Electrochemical Reduction Of CO ₂
P238	Faiza Imtiaz, Abdul Shahab	University of Lahore	Biogenic Synthesis, Characterization And Application Of Feo And Ag Nanoparticles In Degradation Of Toxic Dyes
P258	Dr. Ikram Ahmad	<i>Department of Chemistry, University of Sahiwal</i>	Fabrication of Mo ⁶⁺ a Photocorrosion resistant and hexagonal ZnO modified Photocatalyst for the decontamination of chloroacetic acids in sunlight
P259	Muhammad Tayyab Younas, Sumera Zaib	<i>University of Central Punjab, Lahore,</i>	Hybrid Quinoline-Thiosemicarbazone Therapeutics as a New Treatment Opportunity for Alzheimer's Disease – Synthesis, In Vitro Cholinesterase Inhibitory Potential and Computational Modeling Analysis
P261	Ume Aiman	Gomal University D.I.Khan	Synthesis, Structure Elucidation & Biological Evaluation of Arylated Pyridines & Quinolines by TM Catalyzed Suzuki Miyaura Cross Coupling & Buchwald-Hartwig Amination.
P262	Hafiza Taha Maryam, Sumera Zaib	University of Central Punjab, Lahore	Evaluation of indole-picolinamide hybrid molecules as carbonic anhydrase inhibitors: Biological and computational studies
P263	Aisha Nawaz, Sumera Zaib	University of Central Punjab, Lahore	In-vitro evaluation of antiproliferative potential of various fractions of Silybum marianum using HeLa and HepG2 cell lines
P265	Mubeshar Riaz	University of The Punjab	Ionic Liquids for extraction of hydrogels from mucilaginous seeds and it's application
P268	Faryal Sakina, Nida Arshad and Shaista Ali	Department of Chemistry, GC University Lahore	Green and Chemical Synthesis of Fe ₂ O ₃ and their applications in antibacterial and photocatalytic activity
P269	Tubba Jawad	UMT Lahore	Production of biodiesel from waste vegetable oil Using waste egg shell based heterogeneous catalyst



Industry session in 19th International and 31st National Chemistry Conference on Emerging Trends in Chemistry 2021

Session Title:

Panel Discussion on Entrepreneurial Aspects in Chemistry

Date: 17th December 2021 (Friday)

Time: 03:30 PM to 4:30 PM

Venue: Seminar Hall, Central Block, Main Building, UMT.

Program Schedule:

Sr. No.	Name	Time
1	Recitation of Holy Quran	3:30 PM – 3:35 PM
2	Welcome by Session Moderators: Dr. Sohail Nadeem (Associate Professor, Department of Chemistry, School of Science, UMT) Dr. Hammad Majeed (Assistant Professor, Department of Chemistry, UMT-Sialkot Campus)	3:35 PM – 3:45 PM
3	Talk by Mohammad Idress (CEO, NovaMed Pharmaceuticals, Pvt. Ltd)	3:45 PM – 3:45 PM
4	Talk by Mr. Ibn-e-Fazil (CEO & Founder at Patriot Engineering, CEO at FAAZ KIMYA, and Chief Editor Aagahi.PK)	3:45 PM – 3:55 PM
5	Talk by Mr. Ahmad Gill (Technical Manager, Chem Tech Pakistan)	3:55 PM – 4:05 PM
6	Talk by Mr. Muhammad Naveed Ashraf (R&D Manager, Shafi Reso-Chem, Pvt. Ltd)	4:05 PM – 4:15 PM
13	Question/Answer Session	4:15 PM – 4:25 PM
13	Closing Remarks	4:25 PM – 4:30 PM