

INAUGURATION CEREMONY					
09:00 - 09:10 am	Recitation of the Holy Quran				
09:10 - 09:20 am	Welcome Video Message				
09:20 - 09:30 am	Conference briefing by Dr. Nuzhat Arshad (Chairperson, Department of Chemistry)				
09:30 - 09:40 am	Welcome Address by Dr. Noman Ahmed (Dean ISH)				
09:40 - 09:50 am	Welcome Address by Dr. Muhammad Tufail (Pro-Vice Chancellor)				
09:50 - 10:00 am	Vice Chancellor Address by Dr. Sarosh Hashmat Lodi				
10:00 - 10:15 am	Chief Guest Address				
10:15 - 10:30 am	Vote of Thanks and Souvenirs Presentation to Sponsors				
10:30-11:30 am	Tea Break				
11:30 - 12:00 pm	Keynote Session - I	IICC21-KN-08	Syngas Production By Catalytic Processing of Methane-Rich Streams: Catalytic Partial Oxidation of Methane and Biogas Reforming. Fernando Bimbela (The Public University of Navarre, Spain)		
12:00 - 12:30 pm		IICC21-KN-02	Potential of Ethyl Alcohol Manufacturing for Professional Engineers and Analytical Experts in Pakistan and it's Significance in Pakistan's Economy and Global Economy Adnan Javed Pirzada (General Manager, Dewan Sugar Mills and Distillery Division, Pakistan)		
12:30-02:00 pm	Lunch and Namaz				
02:00 - 02:30 pm	Keynote Session - II	IICC21-KN-01	How can we Protect Our Skin against Microbes? Dr. Zyta Maria Ziora (The University of Queensland, Australia)		
02:30 - 03:00 pm		IICC21-KN-07	Active Edible Coatings with Extract of Green Apple (Malus pumila) Peels to Prolong the Shelf Life of the Fruit Syeda Rubina Gilani (University of Engineering & Technology, Pakistan)		
Technical Session					
Session Name	Analytical Techniques & Pharmaceuticals		Chemistry for Industrial Sustainability -I	Nanomaterials for Environment	Poster Session
Chair Co-Chair	Dr. Syed Abid Ali Dr. Anjum Ayub		Dr. Zahoor Ul Hussain Awan Dr. Shazia Parveen	Dr. Raza Shah Ms. Farhat Ikram	
03:00 - 03:15 pm	IICC21-O-01 Summyia Masood (Karachi, Pakistan)		IICC21-O-09 M. Jamaluddin Ahmed (Bangladesh)	IICC21-O-17 Hajra Tahir (Karachi, Pakistan)	IICC21-P-1 to IICC21-P-20
	Interaction Studies of Chloropheniramine Maleate in Aqueous andAqueous-alcoholic Systems by Density, Viscosity and HPLC Methods		University–Industry Interaction in Bangladesh: Evolutionary Phases, Forms of Interaction, Benefits, and Barriers	Nanotechnology for Safe and Sustainable Environment	
03:15 - 03:30 pm	IICC21-O-02 Agha Zeeshan Mirza (Makkah, KSA)		IICC21-O-10 Syed Arif Kazmi (Georgia, USA)	IICC21-O-18 Naseem Abbas (Multan, Pakistan)	
	Advancement in the Development of Heterocyclic Nucleosides for Different Diseases		Transportation, Economics, Energy options, Environment and Public Health-Need for a Holistic and Sustainable Approach. Case Study of Karachi	Photocatalytic Abatement of Congo Red and Methylene Blue in Water using Novel NiO-ZnO-MgO Nanocomposites	
03:30 - 03:45pm	IICC21-O-75 Samreen Gul Khan (Faisalabad, Pakistan)		IICC21-O-11 Huma Shaikh (Jamshoro, Pakistan)	IICC21-O-19 Muhammad Saad (Karachi, Pakistan)	
	Synthesis and Anti-diabetic Activity of Novel 2,5-isubstituted-1,3,4-oxadiazole Derivatives		Analytical Chemistry: A Gateway to the Sustainable Industry	Green Synthesis of Recyclable Magnetic Zinc Nanoparticles for the Cost Effective Statistically Optimized Rapid Decontamination of Organic Pollutant from Waste Water	
03:45 - 04:00 pm	IICC21-O-08 Zeliha Erbaş (Turkey)		IICC21-O-76 M. Usman (Faisalabad, Pakistan)	IICC21-O-20 Wen Da Oh (Malaysia)	
	Switchable Solvent Based Liquid Phase Microextraction of Rhodamine B		Self-organized Surfactant Assemblies as Nanostructured Dye Carriers: A Mixed Micellar Approach for Enhanced Dye Solubilization as an Application to Remove Dyes from Industrial Effluent by Micellar Enhanced Ultrafiltration	Sulfur and Nitrogen Co-doped Nanoporous Carbon as Sustainable Peroxymonosulfate Activator for Organics Removal	
04:00 - 04:15 pm	IICC21-O-03 Faiza Akhtar (Karachi, Pakistan)		IICC21-O-77 Shaukat Ali Abro (Tandojam, Pakistan)	IICC21-O-21 Anwar Iqbal (Malaysia)	
	Estimation and Stability Studies of Glibenclamide in Bulk and Pharmaceutical Dosage Form		Industrial and Agro-Waste Recycling for Mitigating Environmental Pollution and Chemically Analyzed Organic Compost Product	ZnO QDs/meso-TiO2 Immobilized on LLDPEfilm: A Potential Photocatalyst for the Removal of Tetracycline under Fluorescent Light Irradiation	
04:15 - 04:30 pm	IICC21-O-04 Kanwal Zahid (Karachi, Pakistan)		IICC21-O-13 Urooj Haroon (Karachi, Pakistan)	IICC21-O-22 Fatiqa Zafar (Sahiwal, Pakistan)	
	Interaction of Bioactive Iron with Clinical Chelating Drug, Kojic Acid by Cyclic Voltammetry		Development of Evaluation of Herbal Formulation against Acne Producing Microbes	Nanoformulation of Terminalia rjuna Bark Extract to Enhance its Therapeutic Potential and Oral Bioavailability	
04:30 -04:45 pm	IICC21-O-05 Sameera Zaki (Karachi, Pakistan)		IICC21-O-14 Nadia Akram (Faisalabad, Pakistan)	IICC21-O-23 Ozgur Ozalp (Turkey)	
	Charge-Transfer Complexes of Linagliptin with 2,3-dichloro-5, 6-dicyano-1,4 Benzoquinone, Chloranilic Acid and Ninhydrin: Experimental and Theoretical Studies		Bioplastics: A Green Approach in Materials for Green Environment	Magnetic Dispersive Solid Phase Extraction of Traces Cu on Fe3O4@XAD-16	
04:45 - 05:00 pm	IICC21-O-07 Aasia Shaheen (Karachi, Pakistan)		IICC21-O-15 Tabassum Nusrat (Karachi, Pakistan)	IICC21-O-24 Hafsa Wahid (Karachi, Pakistan)	
	Design and Synthesis of Fluoroquinolone Derivatives as Potent α -Glucosidase Inhibitors		Need and Impact of Active Pharmaceutical Ingredient Manufacturing on Economic Development and Healthcare System of Pakistan	Synthesis of Silver Oxalate/ Silver Phosphate Nanocomposites for the Cost Effective Statistically Optimized Rapid Decontamination of Organic Pollutant from Wastewater	

IICC-2021 | Programme Day-2 (Saturday | 27th February 2021)

09:00 - 09:30 am	Keynote Session - III	IICC21-KN-14	Role of PASTIC Muhammad Akram Shaikh (DG, PASTIC, Pakistan)
09:30 - 10:00 am		IICC21-KN-05	Chiral and Achiral Separations at Sensor Speeds - Greener Alternatives to Toxic Solvents in Separation Science Muhammad Farooq Wahab (University of Texas, USA)
10:00 - 10:30 am	Keynote Session - IV	Tea Break	
10:30 - 11:00 am		IICC21-KN-06	Synthesis of Active Carbonaceous Material from the Functionalization of Asphaltene for Industrial And Environmental Applications Muhammad Nahid Siddiqui (King Fahd University of Petroleum & Minerals, KSA)

Technical Session						
Session Name	Recent Catalysts for Environment		Clean Energy & Waste as Valuable Resource	Chemistry for Industrial Sustainability-II	Poster Sessions	
Chair Co-Chair	Dr. Hajra Tahir Dr. Shazia Parveen		Dr. Syed Arif Kazmi Dr. Syed Farhan Hasany	Dr. Ali Dad Chandio Dr. Rafia Usman Khan		
11:00 - 11:15 pm	IICC21-O-26 Muhammad Zahid (Faisalabad, Pakistan)		IICC21-O-33 Mehmood Ali (Karachi, Pakistan)	IICC21-O-41 Dr. Amtul Qayoom (Karachi, Pakistan)	IICC21-P-21 to IICC21-P-40	
	Coal Fly Ash Based Zinc Ferrite Composite as Efficient Photocatalyst for Wastewater Treatment		Utilization of Waste Cooking Oil as Biodiesel Feedstock	Adsorption Research from Pakistan in Last 30 Years: Scientometric Assessment of Trends and Developments		
11:15 - 11:30 pm	IICC21-O-27 Muhammad Saeed (Faisalabad, Pakistan)		IICC21-O-34 Saeeda Nadir Ali (Karachi, Pakistan)	IICC21-O-42 Syed Shafqat (Lahore, Pakistan)		
	Synthesis and Characterization of Co-ZnO and Evaluation of its Photocatalytic Activity for Photodegradation of Methyl Orange		Extraction, Purification and Characterization of High-Value Organic Wax from Sugar Industry Bye-Products	Modification and Characterization of Silica Extracted From Rice Husk for Adsorptive Removal of Methyl Orange from Aqueous Media		
11:30 - 11:45 pm	IICC21-O-28 Faaz Butt (Karachi, Pakistan)		IICC2-O-35 Afsheen Aman (Karachi, Pakistan)	IICC21-O-43 Atta ul Haq (Faisalabad, Pakistan)		
	Effect of Surface Roughness on the Efficiency of Hydrogen Evolution Reaction on Gold Surface		Development of Xylanase based Crosslinked Enzyme Aggregates (CLEAs) and Nanoparticles based Hybrid System for Paper and Pulp Industries	Removal of Halosulfuron Methyl Herbicide from Aqueous Media Using Neem Seeds: Kinetic, Equilibrium and Thermodynamic Studies		
11:45 - 12:00pm	IICC21-O-29 Khalida Naseem (Lahore, Pakistan)		IICC2-O-36 Safi Asim Bin Asif (Karachi, Pakistan)	IICC21-O-44 Shazia Perveen (Karachi, Pakistan)		
	Simultaneous Catalytic Reduction of Toxic Dyes Using Recyclable Core Shell Nanoparticles		Graphene Based Dye Sensitized Solar Cell	Designing and Characterization of Ion Exchange Membranes.		
12:00 - 12:15 pm	IICC21-O-30 Nabila Tabassum (India)		IICC2-O-37 Khan Muhammad Qureshi (Pakistan)	IICC21-O-45 Jahanzeb Bhatti (Karachi, Pakistan)		
	Selectivity of Ethylene from Ethanol over Transition Metal Modified Zirconia		Modeling of Hydrate Dissociation Temperature in Pure (CH ₄ , C ₂ H ₆ , C ₃ H ₈) and Mixed Clathrate Hydrate System	Effects of Inhibitors on Corrosion Rate of UEP Pipelines in Different Oil and Brine Mediums		
12:15 - 12:30 pm	IICC21-O-25 Fauzia Muslim (Karachi, Pakistan)		IICC21-O-38 Muhammad Aamir (Mirpurkhas, Pakistan)	IICC21-O-46 Adnan (Swat, Pakistan)		
	Dye Degradation Screening by Comparative Studies of Catalysis By d- Block Elements		Metal Halide Perovskites for Energy Conversion Applications	Polystyrene Degradation intro Value-Added Products over Copper based Catalyst and their Recycling in Bulk		
12:30-12:45 pm	IICC21-O-31 Sayyed Junaid Ul Hassan Shah (Pakistan)		IICC21-O-39 Umme Sahar (Karachi, Pakistan)	IICC21-O-47 Farah Amin (Jamshoro, Pakistan)		
	Effect of Rod Like Chromium/ Manganese Layer Double Hydroxide on Catalytic Degradation of Dyes and Fuel Additive Parameters		Comparison of Oven and Solar Drying of Sugarcane Bagasse to Generate Bioenergy	Phytoremediation of Heavy Metal Contaminated Soil using four Non-Hyperaccumulator Plants Species: A Study on Green Technology		
12:45 - 01:00 pm	IICC21-O-32 Kiran Shahzadi (Lahore, Pakistan)		IICC21-O-40 Syed Wamiq Ali Jafri (Karachi, Pakistan)	IICC21-O-48 Muhammad Ammar (Karachi, Pakistan)		
	Mesoporous Zn/Co-Ferrites based High Performance Electrocatalysts for Oxygen Evaluation Reaction		Biobutanol: A New Biofuel in The Market	Chemical Oxygen Demand (COD) Reduction in Petrochemical Wastewater by Ozonation Method		
01:00 - 02:00 pm	Prayer / Lunch					
02:00 - 02:30 pm	Keynote Session - V	IICC21-KN-04	Global Solutions from Bio Refineries to Mitigate Climate Chaos Ian Watson (University of Glasgow, United Kingdom)			
02:30 - 03:00 pm		IICC21-KN-11	Synthesis and Importance of Some Bio-Active Hetero Cycles Nuzhat Arshad (Department of Chemistry , NEDUET, Karachi, Pakistan)			

Technical Session				
Session Name	Latest Research in Medicinal Chemistry	Trends in Synthetic Chemistry	Chemistry for Industrial Sustainability-III	Poster Sessions
Chair Co-Chair	Dr. Syed Adnan Ali Shah Dr. Anjum Ayub	Dr. Muhammad Khalid Khan Ms. Hira Sultan	Dr. Mehmood Ali Dr. Syed Farhan Hasany	IICC21-P-41 to IICC21-P-64
03:00 - 03:15 pm	IICC21-O-49 Syed Ali Raza Naqvi (Faisalabad, Pakistan)	IICC21-O-57 Syed Adnan Ali Shah (Malaysia)	IICC21-O-65 Dr. Mujtaba Ellahi (Quetta, Pakistan)	
	Internalization and Externalization Study of 99mTc-Labeled Thymoquinone for Cancer Imaging Agent using Rhabdomyosarcoma Cell Line	Synthesis, Molecular Docking, Dynamic Simulations, Kinetic Mechanism, Cytotoxicity Evaluation of Heterocyclic Scaffolds as Promising Pharmacological Agents	Poly (Propylene Glycol)Bis(2-Aminopropyl) Ether (POPPA) Hardener Based Smart Glass Technology Use to Virus Covid19 Challenges	
03:15 - 03:30 pm	IICC21-O-50 Misbah Irshad (Lahore, Pakistan)	IICC21-O-58 HamidUllah (Quetta, Pakistan)	IICC21-O-66 Faiza Nazir (Faisalabad, Pakistan)	
	Bacterial Biofilm Inhibition, Hemolytic and Structure-Activity Relationship of N-(2,3-Dihydro-1, 4-benzodioxin-6-yl) -4-Nitro-N-(substituted-benzyl) Benzenesulfonamides	Synthesis & Characterization of Oximes Exhibiting Antibacterial Activity	Development of Sun Protection Finish for Cotton Fabric Using Extracts of Chenopodium Album	
03:30 - 03:45 pm	IICC21-O-51 Anjum Ayub (Karachi, Pakistan)	IICC21-O-59 Asma Ansari (Karachi, Pakistan)	IICC21-O-67 Suraiya Jabeen (Karachi, Pakistan)	
	Mosquito Repellent and Larvicidal Activity of Lantana camara Linn.	Greening the Blue: Biological Synthesis, Fabrication and Characterization of Polymer Based Antibacterial Nanocomposites Using Metabolic System of Aspergillus Fumigatus	Synthesis of Eco-friendly Polyethylene Terephthalate (PET)	
03:45 - 04:00 pm	IICC21-O-52 Kiran Aftab (Faisalabad, Pakistan)	IICC21-O-60 Muhammad Nadeem Ul Haque (Karachi, Pakistan)	IICC21-O-68 Tooba Mehfooz (Karachi, Pakistan)	
	Study of Antimicrobial Efficacy of Coal Extracted Humic Acid	Synthesis, Conformational, Cytotoxicity and Anti-inflammatory Studies of the Orbitide [1-8-NaC]-Zanriorb A1 and Analogs	Use of Hydroxypropylated Barley Starch as Partial Casein Replacer in Preparation of Imitation Mozzarella Cheese	
04:00 - 04:15 pm	IICC21-O-53 Atya Hassan (Karachi, Pakistan)	IICC21-O-61 Zain Ahmed Shah (Karachi, Pakistan)	IICC21-O-69 Faiza Anwar Ansari (Karachi, Pakistan)	
	Spectrophotometric Studies Of Lawsonia l. Leaves Extract	Facile One Pot Synthesis of Short Chain Ethyl 6-Methyl-4-Phenyl-2- Thioxo-1,2,3,4 Tetrahydropyrim-Idine-5-Carboxylate Stabilized Silver Nanoparticles as Promising Nano-Hybrid with Potential Impact in Environmental and Biological Applications	Optimization and Genetic characterization of selected bacteria for Biosurfactant Production isolated from oil-contaminated sites of Karachi	
04:15 - 04:30 pm	IICC21-O-54 Hunain Ali (Karachi, Pakistan)	IICC21-O-62 Farkhanda Mushtaq (Karachi, Pakistan)	IICC21-O-70 Muhammad Umar bin Amir (Karachi, Pakistan)	
	Furan Conjugated Tripeptide as Promising Anticancer Agent	Solid-Phase Total Synthesis of Marine Natural Peptide Styliissamide G	Production And Optimization Of Self-Healing Concrete By Using Indigenous Bacteria	
04:30 - 04:45 pm	IICC21-O-55 Rabbia Irfan (Karachi, Pakistan)	IICC21-O-63 Tajnees Pirzada (Khairpur, Pakistan)	IICC21-O-71 Sajid Ali (Karachi, Pakistan)	
	Ficus carica Fruit for the Cure of Many Diseases: A Step Forward to Discover New Lead Compounds from Natural Plant Resources	A Facile Method to Access Humic Acid from Soil Under Alkaline Environment and its Application on Mustard (Brassica compestris) and Wheat (Triticum indicum) Seeds Germination	Natural Dyeing of Cotton & Wool Fiber using Bio-Mordant for Sustainable Development	
04:45 - 05:00 pm	IICC21-O-56 Zarlish Sultana (Kohat, Pakistan)	IICC21-O-64 Rabeeya Ifthikar (Karachi, Pakistan)	IICC21-O-72 Yassine Ennaciri (Mooroco)	
	Investigation of Synergistic Effects of Commonly Used Antibiotics in Combination with Silver Nanoparticles Against Methicillin Resistant Staphylococcus aureus	Biosynthesis and Structural Characterization of an Exopolysaccharide Produced by Zymomonas mobilis	An Efficient Process to Transform Phosphogypsum into Calcium Fluoride and Sulfate Ammonium	

IICC-2021 | Programme Day-3 (Sunday | 28th February 2021)

09:00 - 09:30 am	Keynote Session - VI	IICC21-KN-09	Sugarcane Biofuels and Bioenergy Production in Pakistan: Current Scenario, Potential, and Future Avenues Shahid Afghan (CEO, Sugarcane, R&D Board, Pakistan)
09:30 -10:00 am		IICC21-KN-13	Coal Combustion Residual (CCR) Utilization as a Source of Industrial Chemicals Saqib Nasir (Pakistan Science Foundation)
10:00 -10:30 am		Tea Break	
10:30 - 11:00 am		IICC21-KN-03	Synthetic mRNA Vaccine Development Sarfaraz Niazi (Adjunct Professor at the University of Illinois, USA)
11:00 - 11:30 am		IICC21-KN-12	Evaluation of Fruits Peel Extracts as a Green Corrosion Inhibitor for Mild Steel Protection in Acidic Environment Muhammad Saleem (Jubail University College, KSA)
11:30 - 12:00 am		IICC21-KN-10	Role & Potential of Chemical Industry in Economic Development of Pakistan: Contribution of Academia Thereof Iqbal Kidwai (General Secretary, PCMA)
CLOSING CEREMONY			
12:00 - 12:10 pm	Vote of thanks by Dr. Saeeda Nadir Ali (Conference Secretary)		
12:10 - 12:30 pm	Award for Poster / Certificate Distribution to Reviews, Volunteers and Organizing Committee		
12:30 - 01:00 pm	Lunch		

