

SCHEDULE/PLANNER

24th INTERNATIONAL AND 36th NATIONAL CHEMISTRY CONFERENCE

CHEMCON-2026
28th to 30th October, 2026



Science



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School of Chemistry, University of the Punjab, Lahore, Pakistan

CHEMCON-2026: SCIENTIFIC PROGRAM SUMMARY**24th International & 36th National Chemistry Conference | Theme: Chemistry for Sustainable Development**Organized by: School of Chemistry, University of the Punjab, Lahore | Date: October 28th - 30th, 2026

Day	Time (GMT+5)	Session / Event	Details / Venue / Speakers
DAY 1 Oct 28	08:00 am - 09:30 am	Registration & Reception	Reporting at SCPU Lawn
	09:30 am - 11:00 am	Inaugural Session	PU Law College Auditorium: Welcome address, guest addresses, shield distribution & group photo session
	11:00 am - 11:30 am	Networking Break	Tea/Coffee Break
	11:30 am - 01:00 pm	Plenary Session	PU Law College Auditorium. Plenary talks by Prof. Dr. M. Raza Shah, Prof. Dr. Iqbal Choudhary, and Dr. Irshad Hussain.
	01:00 pm - 02:00 pm	Break	Prayer & Lunch Break at SCPU Lawn
	02:00 pm - 03:00 pm	Parallel Technical Sessions (A1, B1, C1, D1)	Khorana Auditorium & SCPU Rooms F1, F2, F3. Keynote, Invited, and Regular Oral Presentations. CSP Executive Meeting (Committee Room).
	03:00 pm - 05:00 pm	Poster Presentations & Tea	SCPU Main Corridor. List of posters (P-001 to P-126) appended at the end of planner.
	04:00 pm - 05:30 pm	General Body Meeting	Khorana Auditorium SCPU
	05:30 pm onwards	Social Event	Lahore City Tour (Buses depart from SCPU to Fortress Stadium)
DAY 2 Oct 29	08:40 am - 10:30 am	Parallel Technical Sessions (A2, B2, C2, D2)	Khorana Auditorium & SCPU Rooms F1, F2, F3. Keynote, Invited, and Regular Technical Oral talks.
	10:30 am - 11:00 am	Networking Break	Tea/Coffee Break
	11:00 am - 12:00 pm	Plenary Session	Khorana Auditorium SCPU. Plenary lectures by Prof. Dr. Axel Klein and Dr. Guido Bolognesi
	12:00 pm - 01:00 pm	Parallel Technical Sessions (A3, B3, C3, D3)	Khorana Auditorium & SCPU Rooms F1, F2, F3. Keynote, Invited, and Regular Oral presentations continue.
	01:00 pm - 02:00 pm	Break	Prayer & Lunch Break
	02:00 pm - 03:00 pm	Plenary Session	Khorana Auditorium SCPU. Plenary talks by Prof. Dr. Syed Tufail Hussain Sherazi and Dr. Humaira M. Siddiqi
	03:00 pm - 04:00 pm	Parallel Technical Sessions (A4, B4, C4, D4)	Khorana Auditorium & SCPU Rooms F1, F2, F3. Regular oral presentations across diverse fields of chemistry.
DAY 3 Oct 30	08:30 am - 09:30 am	Plenary Session	SCPU Khorana Auditorium. Plenary talks by Prof. Dr. Raja Shahid Ashraf and Dr. Farah Wahida Harun.
	09:30 am - 10:00 am	Transit	Traveling from School of Chemistry to PU Law College via Conference Buses
	10:00 am - 11:30 am	Closing Ceremony	PU Law College Auditorium. Guest remarks, vote of thanks, souvenir distribution and final group photo.
	11:10 am - 11:40 am	Concluding Tea	Closing Tea/Coffee Break

* **Note:** Detailed lists of parallel oral presentations and poster presentations are listed in the complete planner/program document. The detailed Program can be downloaded as PDF from the link (<https://scpu.edu.pk/events/chemcon-26/index.html>).

Celebrating 100 years of academic excellence

School of Chemistry, University of the Punjab, Lahore-54590, Pakistan

DAY 1 (October 28, 2026)	
Time (GMT+5)	REGISTRATION (SCPU LAWN)
08:00 am-09:30 am	Registration and Reception/Reporting at SCPU Lawn
INAUGURAL SESSION (PU LAW COLLEGE AUDITORIUM) [TIME (GMT +5) 9:30 AM-11:00 AM]	
09:30 am-10:00 am	Transit from SCPU to PU Law College and guests seating
10:00 am-10:05 am	Recitation from the Holy Quran
10:05 am-10:10 am	National Anthem
10:10 am-10:15 am	Welcome Address by the Chief Organizer (Prof. Dr. Adeel Afzal , Head, School of Chemistry)
10:15 am-10:20 am	Conference Words by President of The Chemical Society of Pakistan (Prof. Dr. M. Raza Shah)
10:20 am-10:25 am	Conference words by the Patron (Prof. Dr. Zaib-un-nisa Hussain , Vice Chancellor, University of Home Economics)
10:25 am-10:30 am	Conference words by Coordinate General OIC-COMSTECH (Prof. Dr. Muhammad Iqbal Choudhary)
10:30 am-10:35 am	Conference address by Chief Guest: Prof. Dr. Muhammad Ali , Vice Chancellor, University of the Punjab, Lahore
10:20 am-10:25 am	Conference words by the Patron (Prof. Dr. Zaib-un-nisa Hussain , Vice Chancellor, University of Home Economics)
10:40 am-11:00 am	Souvenir/Shields Distribution, CSP Awards and Guests Photo Session
Tea/Coffee break 11:00 am-11:30 am	
PLENARY SESSION (PU LAW COLLEGE AUDITORIUM) [TIME (GMT +5) 11:00 AM-01:00 PM]	
Chair: Prof. Dr. Jamil Anwar Co-Chair: Prof. Dr. Rasheed Ahmad Moderator: Dr. Zahoor H. Farooqi	
11:30 am-12:00 pm	<i>Custom designed drug delivery system</i> by Prof. Dr. Muhammad Raza Shah , President of The Chemical Society of Pakistan, Director International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, Karachi, Pakistan
12:00 pm-12:30 pm	<i>Drug discovery at the interface of chemistry and biology</i> by Prof. Dr. Iqbal Choudhary , Coordinator General of OIC-COMSTECH, and Senior Honorary Advisor ICCBS, University of Karachi, Karachi, Pakistan
12:30 pm-01:00 pm	<i>Functional nanomaterials—tuning the size and surface chemistry for applications in Biomedical Science, Renewable Energy Technologies and Environmental Remediation</i> by Dr. Irshad Hussain Department of Chemistry & Chemical Engineering, SBA School of Science & Engineering (SSE), Lahore University of Management Sciences (LUMS), Lahore, Pakistan
Group Photo in SCPU Lawn, Prayer and Lunch Break (01:00 pm-02:00 pm)	
Meeting of Executives of The Chemical Society of Pakistan (SCPU Committee Room, School of Chemistry, 02:00 pm-03:00 pm)	
SESSION A1 SCPU KHORANA AUDITORIUM [TIME (GMT +5) 02:00 PM-03:00 PM]	
Chair: Dr. Guido Bolognesi Co-Chair: Prof. Dr. Muhammad Ajaz Hussain Moderator: Dr. Madeeha Batool	
2:00 pm-2:30 pm	<i>Functional polymer materials through macromolecular design and interface engineering: strategies to program and re-program materials</i> by Prof. Dr. Basit Yameen , Department of Chemistry & Chemical Engineering, SBA School of Science & Engineering (SSE), Lahore University of Management Sciences (LUMS), DHA, Lahore Cantt-54792, Pakistan (Keynote Speaker)

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2:30 pm-2:50 pm	<i>Naphthalene-anchored ETDA-based 2D-covalent organic frameworks exhibiting restricted intramolecular rotation for fluorescence Sensing of nitroaromatic compounds</i> by Dr. Muhammad Faheem , University of Padova, Italy (Invited Speaker)	
Regular Talks/Oral Presentations		
02:50 pm-3:00 pm	<i>Emerging trends in advanced photocatalysis: from classical semiconductors to smart nanoengineered systems for sustainable environmental remediation</i>	Dr. Muhammad Aadil
SESSION B1 SCPU ROOM F1 [TIME (GMT +5) 02:00 PM-03:00 PM]		
Chair: Prof. Dr. Tufail Hussain Sherazi Co-Chair: Prof. Dr. M. Imtiaz Shafiq Moderator: Dr. Uzma Hira		
2:00 pm-2:20 pm	<i>Ion imprinted electrodes-sensitive and selective electrochemical recognizers</i> by Prof. Dr. Safeer Ahmad , Department of Chemistry, Quaid-I-Azam University, Islamabad, Pakistan (Invited Speaker)	
2:20 pm-2:40 pm	<i>Responsive hydrogels as versatile adsorbents and matrices for controlled fabrication of nanomaterials with tunable catalytic and optical properties</i> by Dr. Muhammad Ajmal , Department of Chemistry, Division of Science and Technology, University of Education, Lahore, Pakistan (Invited Speaker)	
Regular Talks/Oral Presentations		
2:40 pm-2:50 pm	<i>Gamma and UV based advanced oxidation of reactive Blue 222: A comparative study</i>	Prof. Dr. Majid Muneer
2:50 pm-3:00 pm	<i>Multifunctional triazine-based AIEE probes for mechanochromism and sequential detection of picric acid and ciprofloxacin</i>	Prof. Dr. Zulfiqar Ali Khan
SESSION C1 SCPU ROOM F2 [TIME (GMT +5) 02:00 PM-03:00 PM]		
Chair: Prof. Dr. Raja Shahid Ashraf Co-Chair: Prof. Dr. Sadia Ata Moderator: Prof. Dr. Atif Islam		
2:00 pm-2:20 pm	<i>Toxic and essential elemental levels in biological samples of different types of colon cancer patients</i> by Prof. Dr. Hassan Imran Afridi , National Centre of Excellence in Analytical Chemistry, University of Sindh, Pakistan (Invited Speaker)	
Regular Talks/Oral Presentations		
2:20 pm-2:30 pm	<i>Next-generation ionic liquids: sustainable solutions for catalysis, separation and resource recovery</i>	Dr. Firdous Imran Ali
2:30 pm-2:40 pm	<i>Potential of sustainable green synthesized silver nanoparticles in dye wastewater treatment</i>	Dr. Warda Hassan
02:40 pm-2:50 pm	<i>Implementation of binary ferrite nanocomposites for the detection of trace elements</i>	Khadeeja Indher
02:50 pm-03:00 pm	<i>Effect of pH on the properties of protein-based edible film derived from phoenix dactylifera Seeds.</i>	Mavra Marriam
SESSION D1 SCPU ROOM F3 [TIME (GMT +5) 02:00 PM-03:00 PM]		
Chair: Prof. Dr. Shahzad Ali Shahid Chatha Co-Chair: Prof. Dr. M. Naeem Khan Moderator: Dr. Ubaida Hussain		
2:00 pm-2:20 pm	<i>Unlocking non-aromatic linkers for metal-organic frameworks (MOFs)</i> by Dr. Bhajan Lal , Institute of Chemistry, Shah Abdul Latif University, 66020 Khairpur, Sindh, Pakistan (Invited Speaker)	
Regular Talks/Oral Presentations		
2:20 pm-2:30 pm	<i>RP-HPLC analysis of α-Terpinene and γ-Terpinene in different indigenous varieties of Citrus Fruits and evaluation of their antioxidant and antimicrobial properties</i>	Dr. Abida Hassan
2:30 pm-2:40 pm	<i>The halopriming of seeds improves the germination, growth, physiological and phytochemical attributes of tomato under saline conditions</i>	Dr. Naseem Bhurgri

02:40 pm-2:50 pm	<i>Effect of alcohol chain length on the structural, morphological, and optical properties of Sn-TiO₂ nanocomposites: a systematic solvent-mediated study</i>	Naveeza Noor
02:50 pm-03:00 pm	<i>Adsorptive removal of Methylene Blue and Congo Red by utilizing Wheat Straw</i>	Fakhr Un Nisa
03:00 pm-05:00 pm	Tea/Coffee Break	
	POSTER PRESENTATION, SCPU MAIN CORRIDOR (List of the Posters is given at the end of the Planner/Scientific Program)	

General Body Meeting (Khorana Auditorium SCPU, 04:00 pm-05:30 pm)

**LAHORE CITY Tour (Buses from SCPU to Fortress Stadium)
Departure Time: 05:30 pm**

DAY 2 (October 29, 2026) SCPU KHORANA AUDITORIUM

SESSION A2 SCPU KHORANA AUDITORIUM [TIME (GMT +5) 08:40 am-10:30 am]

Chair: Prof. Dr. Tajnees Pirzada Co-Chair: Prof. Dr. Muhammad Imran Moderator: Dr. Madeeha Batool		
08:40 am-09:10 am	<i>Design, synthesis, characterization, and enzyme inhibition of sulfanilamide integrated triazolo thiazolidinediones and triazolo oxadiazoles via a molecular hybridization strategy by Prof. Dr. Aamer Saeed Bhatti, Department of Chemistry, Quaid-I-Azam University Islamabad, Islamabad, Pakistan (Keynote Speaker)</i>	
09:10 am-09:30 am	<i>Chemical recycling of polyurethane: enabling a circular economy by Dr. Muhammad Adeel University of Antwerp, Belgium (Invited Speaker)</i>	
9:30 am-10:00 am	<i>Pakistan on the climate frontline: causes, vulnerability, impacts and the way forward by Prof. Dr. Jamil Anwar, School of Chemistry, University of the Punjab, Lahore, Pakistan (Keynote Speaker)</i>	
Regular Talks/Oral Presentations		
10:00 am-10:10 am	<i>Preparation and physiochemical characterization of sugar/organic acid based natural deep eutectic Solvents</i>	Mehmoona Shoaib
10:10 am-10:20 am	<i>A comprehensive DFT study on piroxicam transition metal complexes (Mn, Fe, Co, Ni, and Zn): implications for computational drug design</i>	Maira Riaz
10:20 am-10:30 am	<i>Coordination nanosheets (Conashts): design, synthesis, and potential electrocatalytic oxygen and hydrogen evolution in alkaline conditions</i>	Muhammad Ishaq

SESSION B2 SCPU ROOM F1 [TIME (GMT +5) 08:40 am-10:30 am]

Chair: Prof. Dr. Manzar Sohail Co-Chair: Prof. Dr. Ahsan Sharif Moderator: Dr. Uzma Hira		
Regular Talks/Oral Presentations		
09:00 am-9:10 am	<i>⁶⁸Ga-Starch microparticles for PET/CT lung perfusion imaging</i>	Dr. Shabnam Sarwar
9:10 am – 9:20 am	<i>ZnO-SnO₂-CNT ternary nanocomposite for UV-Visible-light-driven elimination of methylene blue dye</i>	Dr. Muhammad Farooque Lanjwani

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09:20 am-09:30 am	<i>Synthesis and characterization of advanced magnetic max phase (Fe₃O₄-Ti₃AlC₂) and its application in microextraction of heavy metals</i>	Dr. Mansoor Khan
09:30 am-09:40 am	<i>Fabrication of chitosan and rice husk extracted mesoporous silica nanoparticles for functional cotton</i>	Muhammad Tahir Saddique
09:40 am-09:50 am	<i>Development and performance evaluation of a sensitive electrochemical sensor based on Aickel–Aluminum layered double hydroxide nanostructures for pyrocatechol determination</i>	Dr. Tania Ghumro
09:50 am-10:00 am	<i>Cytochrome P-450 biocatalysis mediated late-stage function of pharmaceutical APIs for sustainable drug synthesis through engineering and regioselectivity</i>	Aaitain Ikram Ul Haq
10:00 am-10:10 am	<i>Design and fabrication of bimetallic SmNi-MOF/MWCNTs Composite as an efficient OER electrocatalyst</i>	Abeera Munir
10:10 am-10:20 am	<i>Microwave-assisted green synthesis and antibacterial evaluation of NiO nanoparticles using Datura innoxia leaf extract</i>	Saima Mooro
10:20 am-10:30 am	<i>Nanocellulose-modified Ni–Fe–Cr sulfate layered double hydroxide via deep eutectic solvent for sensitive electrochemical detection of trifluralin</i>	Mir Mehran Khan
SESSION C2 SCPU ROOM F2 [TIME (GMT +5) 08:40 am-10:30 am]		
Chair: Prof. Dr. Zulfiqar Ali Khan Co-Chair: Prof. Dr. Adnan Mujahid Moderator: Prof. Dr. Atif Islam		
08:40 am-09:00 am	<i>Designing, fabrication and physicochemical characterization of selected metals decorated reduce graphene oxide for adsorptive and catalytic applications by Prof. Dr. Abbas Khan, Department of Chemistry, Abdul Wali Khan University Mardan, KPK, Pakistan (Invited Speaker)</i>	
Regular Talks/Oral Presentations		
09:00 am-09:10 am	<i>Total synthesis for constructing an oxepine ring onto 2-indanone heterocycle</i>	Dr. Sidra Mubeen
09:10 am-09:20 am	<i>Co-MOF based electrochemical sensor for rapid and non-invasive detection of uric acid in saliva</i>	Nimra Jahanzaib
09:20 am-09:30 am	<i>Synthesis of heterogeneous nano-catalysts and their applications</i>	Mehrunnisa
09:30 am-09:40 am	<i>Quaternary metal oxides nanoparticles: fabrication, characterization and performance evaluation</i>	Tamseela Taseen
09:40 am-09:50 am	<i>Non-enzymatic electrochemical detection of carbofuran-phenol in food samples using layer-by-layer Ag NP/Ce–Co MOF hybrid platform: A machine learning-assisted analytical approach</i>	Hafsa Riaz
09:50 am-10:00 am	<i>Interlinked structural, dielectric, electrical, and optical characteristics of Y_{2-x}M_xFeCrO₆ (M = Sr, Bi & La; x=0.1) double perovskite oxides</i>	Muhammad Saeed Anwar
10:00 am-10:10 am	<i>Synthesis, spectroscopic and electrochemical investigation of new organotin (IV) hydrazone complexes with antileishmanial and DNA-binding properties</i>	Aneela Kausar
10:10 am-10:20 am	<i>Rational design of quinoidal core-based non-fused ring electron acceptors via bridge and end-group engineering for organic solar cells</i>	Rimsha Ali
10:20 am-10:30 am	<i>Polyvinylpyrrolidone-functionalized strontium oxide nanocomposite-based electrochemical platform for sensitive determination of diclofenac sodium in water samples</i>	Sana-Ul-Nisa
SESSION D2 SCPU ROOM F3 [TIME (GMT +5) 08:40 am-10:30 am]		
Chair: Prof. Dr. Ataf Ali Altaf Co-Chair: Prof. Dr. Tajamal Hussain Moderator: Dr. Ubaida Hussain		
08:40 am-09:00 am	<i>Covalent Organic Frameworks (COFs) in petrochemical fields: challenges for the oil and gas industry by Prof. Dr. Ataf Ali Altaf, Institute of Chemistry, Khwaja Fareed University of Engineering and Information Technology, Rahim Yar Khan, Pakistan (Invited Speaker)</i>	
09:00 am-09:10 am	<i>Morphological properties of laser irradiated biomaterials</i>	Dr. Khawaja Imtiazullah

09:10 am-09:20 am	<i>Green synthesis of ZnO nanoparticles using Drimia indica dry bulb extract and their characterization</i>	Hijab
09:20 am-09:30 am	<i>Effect of hexamethylenetetramine capping agent on the morphology and Super capacitive performance of ZnO nanoparticles</i>	Muhammad Mamoon
09:30 am-09:40 am	<i>Deep eutectic solvent-based liquid-liquid microextraction of Nickel from aqueous and food samples prior to spectrophotometric analysis</i>	Adnan Khan
09:40 am-09:50 am	<i>Rationally engineered CoFe-LDH/ZIF-67/rGO nanocomposite for enhanced hydrogen production</i>	Iqra Maqbool
09:50 am-10:00 am	<i>Developing high-performance polyoxometalate-based cathode material for aqueous zinc-ion batteries</i>	Namra Hussain
10:00 am-10:10 am	<i>Ferrumgenix: A sustainable nanocatalyst for the synthesis of biologically relevant heterocyclic scaffolds</i>	Saman Jan
10:10 am-10:20 am	<i>Design, synthesis and atomistic characterization of quinoxaline-based hole transport materials by optimizing conjugation backbone for efficient perovskite solar cells</i>	Muhammad Ahmad Ilyas
10:20 am-10:30 am	<i>Interface-focused design of fused benzothiadiazole-based organic electron transport materials for perovskite solar cells</i>	Laiba Azam
Tea/Coffee Break 10:30 am-11:00 am		
PLENARY SESSION KHORANA AUDITORIUM SCPU [TIME (GMT +5) 11:00 am-12:00 pm]		
Chair: Prof. Dr. Zaib-un-nisa Hussain Co-Chair: Dr. Farah Wahida Harun Moderator: Dr. Zahoor H. Farooqi		
11:00 am- 11:30 am	<i>Functionalizing thiosemicarbazones for biomedical applications-A lesson on Molecular Chemistry by Prof. Dr. Axel Klein, University of Cologne, Germany (Plenary Speaker)</i>	
11:30 am-12:00 pm	<i>Microfluidic manipulation of colloidal particles by salt concentration gradients for characterization, separation, and detection by Dr. Guido Bolognesi, Department of Chemistry, University College London (UCL), London, UK (Plenary Speaker)</i>	
SESSION A3 KHORANA AUDITORIUM [TIME (GMT +5) 12:00 pm-01:00 pm]		
Chair: Prof. Dr. Aamer Saeed Bhatti Co-Chair: Prof. Dr. Atif Islam Moderator: Dr. Madeeha Batool		
12:20 pm-12:30 pm	<i>Nickel oxide nanoparticles grafted on graphene oxide (NiO/GO) as photocatalyst for the degradation of clothianidin under sunlight irradiation</i>	Prof. Dr. Atta ul Haq
12:30 pm-12:40 pm	<i>Microarray needles comprised of arginine-modified chitosan/PVA hydrogel for enhanced antibacterial and wound healing potential of curcumin</i>	Muhammad Hasnain
12:40 pm-12:50 pm	<i>Sustainable extraction of bioactive phytochemicals from strychnos nux-vomica L. seeds using green deep eutectic solvent combined with machine learning modeling</i>	Dr. Haroon Iftikhar
12:50 pm-01:00 pm	<i>Green synthesis of Cobalt-Iron bimetallic nanoparticles from Phoenix dactylifera seed extract and their biological activities.</i>	Dr. Shafiq ur Rehman

SESSION B3 SCPU ROOM F1 [TIME (GMT +5) 12:00 pm-01:00 pm]		
Chair: Prof. Dr. Haq Nawaz Bhatti Co-Chair: Prof. Dr. Syeda Nayab Batool Rizvi Moderator: Dr. Uzma Hira		
12:00 pm-12:30 pm	<i>Inorganic hybrid materials for electrocatalysis by Prof. Manzar Sohail, Department of Chemistry, School of Natural Sciences (SNS) National University of Sciences & Technology (NUST) H-12 Islamabad, 44000, Pakistan (Keynote Speaker)</i>	
12:30 pm-12:40 pm	<i>Fabrication and characterization of liquid crystal/ polymer composite films doped via heat-cured multifunctional nanoparticles by Dr. Mujtaba Ellahi, Advanced Polymer Science Laboratory, Department of Chemistry, Faculty of Basic Sciences, Baluchistan University of Information Technology, Engineering and Management Sciences (BUIITEMS), Quetta, Pakistan (Invited Speaker)</i>	

12:50 pm-01:00 pm	<i>Dopamine-modified gelatin nanofibers for enhanced diabetic wound healing</i>	Sabila Anjum
SESSION C3 SCPU ROOM F2 [TIME (GMT +5) 12:00 pm-01:00 pm]		
Chair: Prof. Dr. Humaira M. Siddiqi Co-Chair: Prof. Dr. Ejaz Ahmed Moderator: Prof. Dr. Atif Islam		
12:00 pm-12:20 pm	<i>Application of MIL-125-NH₂ functionalized with humic acid in agriculture by Prof. Dr. Tajnees Pirzada, Institute of Chemistry, Shah Abdul Latif University, Khairpur, Pakistan (Invited Speaker)</i>	
12:20 pm-12:30 pm	<i>Synthesis of graphene oxide/beta-cyclodextrin polymeric nanocomposite for removal of Lead and Cadmium from aqueous solution</i>	Dr. Kashif Gul
12:30 pm-12:40 pm	<i>Synthesis and characterization of biologically active flurbiprofen amide derivatives as selective Prostaglandin-Endoperoxide Synthase II inhibitors: In vivo anti-inflammatory activity and molecular docking</i>	Aftab Alam
12:40 pm-12:50 pm	<i>Modulating rheological analysis for poly(acrylic acid-co-2-(acryloyloxy)ethyl trimethylammonium chloride) adhesive hydrogels for enhanced adhesion on human skin and solid surfaces</i>	Arooba Shehzad
12:50 pm-01:00 pm	<i>Highly active sites of CoFeB nanosphere encapsulated with graphene nanosheets towards efficient electrocatalysts for nitrogen reduction reaction applications</i>	Muhammad Sagir
SESSION D3 SCPU ROOM F3 [TIME (GMT +5) 12:00 pm-01:00 pm]		
Chair: Prof. Dr. Firdous Imran Ali Co-Chair: Prof. Dr. Tajamal Hussain Moderator: Dr. Ubaida Hussain		
12:00 pm-12:20 pm	<i>Upcycling plastic waste into carbon dots: Conversion of plastic pollution burden into circular economy by Prof. Dr. Shahzad Ali Shahid Chatha, Department of Chemistry, Government College University Faisalabad, Pakistan (Invited Speaker)</i>	
12:20 pm-12:30 pm	<i>Iron-doped Nickel oxide nanomaterials: synthesis and characterization for efficient biochemical sensing of ascorbic acid</i>	Dr. Hina Naeem
12:30 pm-12:40 pm	<i>Green synthesis of pure ZnO and Cu doped ZnO nanoparticles from seeds of Tribulus terrestris</i>	Sabeeha Meerab
12:40 pm-12:50 pm	<i>Next-generation nanochitosan-zeolite composite for enhanced adsorption of heavy metals from wastewater: Synthesis and isotherm studies</i>	Seemab Javed
12:50 pm-01:00 pm	<i>Plant mediated Selenium nanoparticles loaded composites for plum fruit preservation</i>	Hadia Haq
PRAYER AND LUNCH BREAK (01:00 pm-02:00 pm)		
PLENARY SESSION KHORANA AUDITORIUM SCPU [TIME (GMT+5) 2:00 pm to 3:00 pm]		
Chair: Prof. Dr. Aamer Saeed Bhatti Co-Chair: Prof. Dr. Jamil Anwar Moderator: Dr. Zahoor H. Farooqi		
02:00 pm- 2:30 pm	<i>Simultaneous assessment of the free fatty acids and neutral oil in canola oil deodorizer distillates by Fourier-Transform Infrared Spectroscopy (FT-IR), by Prof. Dr. Syed Tufail Hussain Sherazi, National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro, Pakistan (Plenary Speaker)</i>	
02:30 pm- 3:00 pm	<i>Polyimides as functional materials towards sustainable development goals by Dr. Humaira M. Siddiqi, Department of Chemistry, Quaid-I-Azam University, Islamabad, Pakistan (Plenary Speaker)</i>	
SESSION A4 KHORANA AUDITORIUM [TIME (GMT +5) 03:00 pm-04:00 pm]		
Chair: Prof. Dr. Manzar Sohail Co-Chair: Prof. Dr. Abbas Khan Moderator: Dr. Madeeha Batool		
03:00 pm-03:10 pm	<i>Formulation and optimization of TiO₂ based UV resistive decorative paint</i>	Maleha Sadiqa
03:10 pm-03:20 pm	<i>Efficient removal of brilliant green dye and Chromium metal using hybrid nanocomposite</i>	Amina Naeem

03:20 pm-03:30 pm	<i>Structural impact of Q188R, N314D, and K285N variants on human galactose-1-phosphate uridylyltransferase (GALT): A comparative computational analysis</i>	Hafsa Farooq
03:30 pm-03:40 pm	<i>Gamma and UV radiation based advanced oxidation processes for the evaluation of toxicity and mutagenicity in aqueous solution of reactive Orange 122 Dye (RO122)</i>	Saddaqt Ali
03:40 pm-03:50 pm	<i>Engineering Co₃O₄/MOF-235/NiSnO₃ ternary composite for enhanced charge-storage kinetics and pseudocapacitive energy storage</i>	Aimon Saleem
03:50 pm-04:00 pm	<i>Development of gallic acid-functionalized self-nanoemulsifying drug delivery system for improved antioxidant and anti-inflammatory activity of caffeic acid</i>	Maria Afridi
SESSION B4 SCPU ROOM F1 [TIME (GMT +5) 03:00 pm-04:00 pm]		
Chair: Prof. Dr. Hassan Imran Afridi Co-Chair: Prof. Dr. Muhammad Naeem Khan Moderator: Dr. Uzma Hira		
03:00 pm-03:20 pm	<i>Sulfur (VI) fluoride exchange (SuFEx) via glass-assisted organocatalysis: A green late-stage Sulfonamide syntheses by Prof. Dr. Ghayoor Abbas Chotana, Department of Chemistry and Chemical Engineering, Lahore University of Management Sciences, Lahore, Pakistan</i>	
03:20 pm-03:30 pm	<i>Optimization of polyindole via dopant-mediated chemical oxidative polymerization in an Ammonium Chloride medium for supercapacitor electrode applications</i>	Muhammad Luqman Shah
03:30 pm-03:40 pm	<i>Fabrication and exploration of novel CNTs based nanostructures towards water splitting and super capacitor applications</i>	Shaista Sultan
03:40 pm-03:50 pm	<i>Polyaniline modified glassy carbon electrode for potential electrochemical sensing of ascorbic acid</i>	Alam Zeb
03:50 pm-04:00 pm	<i>Exploiting biological toxicity mechanisms for enhanced arsenite detection using α-lipoic acid-modified CuO nanoparticles</i>	Muhammad Shahzaib Asghar
04:00 pm-04:10 pm	<i>Antibiotic-adjuvant combinations against resistant <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i>: In-vitro evaluation and a structure-based framework for mechanistic validation</i>	Maham Khan
SESSION C4 SCPU ROOM F2 [TIME (GMT +5) 03:00 pm-04:00 pm]		
Chair: Prof. Dr. Atta ul Haq Co-Chair: Prof. Dr. Majid Muneer Moderator: Prof. Dr. Atif Islam		
03:00 pm-03:10 pm	<i>Synthesis of visible light-driven heterojunction graphitic carbon nitride (G-C₃N₄/Fe⁰/Tip) material: An efficient photocatalytic agent for degradation of Rhodamine 6G from wastewater</i>	Safdar khan
03:10 pm-03:20 pm	<i>Adsorption of Cd(II) from aqueous medium using Chitosan-Kaolin and Chitin-Kaolin composites</i>	Hina Sadia
03:20 pm-03:30 pm	<i>Essential and toxic elemental levels in biological (blood and scalp hair) samples of inherited hemophilia A and B patients</i>	Sherzaman Abro
03:30 pm-03:40 pm	<i>Pulsed laser-assisted synthesis of MXene-Chalcogenide nanocomposites functionalized with metal-organic frameworks (MOFs) for high-efficiency photocatalytic solar fuel generation</i>	Sana Shahid
03:40 pm-03:50 pm	<i>Engineering spatially confined hydrolysis for charge-selective nanofiltration using upcycled PET membranes</i>	Muskan Saher
03:50 pm-04:00 pm	<i>Systematic molecular engineering of pyrrolo[3,2-b] pyrrole-based hole transport materials for efficient perovskite solar cells</i>	Ammara Nasar
04:00 pm-04:10 pm	<i>Coating Formulation Shapes Amyloid-β42 Recognition at Magnetite Nanoparticle Interfaces: Atomistic Comparison of Bare, PEG-, DMSA- and Citrate-Coated Fe₃O₄</i>	Muhammad Irfan
SESSION D4 SCPU ROOM F3 [TIME (GMT +5) 03:00 pm-04:00 pm]		
Chair: Prof. Dr. Basit Yameen Co-Chair: Prof. Dr. Azeem Intisar Moderator: Dr. Ubaida Hussain		
03:00 pm-03:10 pm	<i>Synthesis of non-surfactant Silica composites for rapid colorimetric Fe³⁺ sensing</i>	Sarwah Nadeem
03:10 pm-03:20 pm	<i>Functionalized alginate eutectogels for controlled release of curcumin</i>	Amina Karim
03:20 pm-03:30 pm	<i>Tailored inorganic-organic zinc oxide-based composite (ZnO@HKUST-1) as an active anodic material for lithium-ion batteries</i>	Dr. Rabia Akram Bajwa
03:30 pm-03:40 pm	<i>Recovery of Cu, Fe and Zn from Saindak smelting slag through oxidative acidic leaching in batch and continuous flow experiments</i>	Dr. Waqas Ahmad

03:40 pm-03:50 pm	<i>Synthesis and characterization of heterostructure of Metal Organic Framework (MOF)/ chalcopyrite nanoparticles for the degradation of neutral red dye</i>	Dr. Behisht Ara
03:50 pm-04:00 pm	<i>Sustainable Potassium fertilization: Comparative impact of conventional and green-synthesized nano-Potassium on Maize growth</i>	Manaza Kamboh

Day 3 (October 30, 2026)	
PLENARY SESSION (SCPU KHORANA AUDITORIUM) [TIME, GMT+5, 08:30 am-09:30 am]	
Chair: Prof. Dr. Tufail Hussain Sherazi Co-Chair: Prof. Dr. Jamil Anwar Moderator: Dr. Zahoor H. Farooqi	
8:30 am-09:00 am	<i>Design, synthesis, and computational characterization of indoloquinolines based small conjugated materials for solar cells</i> by Prof. Dr. Raja Shahid Ashraf , Institute of Chemical Sciences, Government College University Lahore, Pakistan (Plenary Talk)
9:00 am-09:30 am	<i>From waste to energy: Sustainable biodiesel production using metal-modified bone-derived catalysts</i> by Dr. Farah Wahida Harun , Faculty of Science and Technology, Universiti Sains Islam Malaysia, 71800 Nilai, Negeri Sembilan, Malaysia (Plenary Talk)
9:30 am-10:00 am	Traveling from School of Chemistry to PU law College via Buses
CLOSING CEREMONY (PU LAW COLLEGE AUDITORIUM) [TIME, GMT+5, 10:00 am-11:30 am]	
10:00 am-10:10 am	Recitation from the Holy Quran
10:10 am-10:30 am	Remarks by the Distinguished Guests
10:30 am-10:35 am	Vote of Thanks by the Chief Organizer
10:35 am-10:40 am	Address by the Guest of Honor, The Vice Chancellor, University of Home Economics, Lahore
10:40 am-10:45 am	Address by the Guest of Honor, The Pro Vice Chancellor, University of the Punjab, Lahore
10:40 am-11:10 am	Souvenir/Shields Distribution and Group Photo
Tea/Coffee break 11:10 am-11:40 am	

The End

List of posters presented in CHEMCON-2026 (October 28, 2026, 03:00 pm-05:00 pm)

Poster No.	Title of poster, Name of Presenter and Affiliation
P-001	<i>Effect of NaCl Salt on seedlings and germination stage of Brassica compesrtis and Zea mays</i> Ambar Lashari Department of Human and Rehabilitation and Sciences, The Begum Nusrat Bhutto Women University, Sukkur, Pakistan
P-002	<i>SnO₂ nanoparticles as an efficient photocatalyst for Malachite Green dye degradation</i> Madiha Noor Department of Human and Rehabilitation Sciences, Begum Nusrat Bhutto Women University, Sukkur, Pakistan
P-003	<i>Synthesis of vanadium ferrite for electrochemical platform in the selective detection of Dopamine</i> Sajjad Hussain The Begum Nusrat Bhutto Women University Sukkur, Sukkur, Pakistan
P-004	<i>Rapid dye removal from water using sustainable composite material</i> Amna Sehar Department of Chemistry, Lahore college for Woman University, Lahore, Pakistan
P-005	<i>Chemical profiling and antibacterial potential of Citrus margarita stem essential oil</i> Tehreem Nimaz School of Chemistry, University of the Punjab, Lahore, Pakistan
P-006	<i>SnO₂ nanoparticle-driven photocatalytic degradation of Sudan Black B dye: Design and modeling study</i> Kamila The Begum Nusrat Bhutto Women University Sukkur, Sukkur, Pakistan
P-007	<i>Bilayer scaffolds incorporating antibacterial agent for wound repair applications</i> Assar Ramzan The Lahore College for Women University, Lahore, Pakistan
P-008	<i>Switchable polarity solvent based liquid phase microextraction of Mercury from environmental samples: A green aspect</i> Muhammad Mustafa Department of Chemistry, Kohat University of Science and Technology, Kohat-26000, Khyber Pakhtunkhwa, Pakistan
P-009	<i>Fabrication and catalytic activity of silver nanoparticles/nano WO₃ reinforced ethyl acetoacetate modified chitosan- thiocarbamated alginate composite for the reduction of para-nitrophenol</i> Faria Qaisar School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-010	<i>Photocatalytic degradation of Eriochrome Black T dye by ZnO using multivariate methods</i> Sanjna The Begum Nusrat Bhutto Women University Sukkur, Sukkur, Pakistan

P-011	<i>Fabrication of BiFeO₃/Co-doped NiWO₄ composite for photocatalysis</i> Wajeaha Yaseen School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-012	<i>Integrated biological, spectroscopic, and computational analysis of newly synthesized hydrazones against emerging drug target glycerophosphodiester phosphodiesterase from Staphylococcus aureus</i> Aisha Abdul Samad H. E. J. Research Institute of Chemistry, International Center for Chemical and Biological Sciences, University of Karachi, Karachi-75270, Pakistan
P-013	<i>Identification of quinoline scaffolds against emerging drug target glycerophosphodiester phosphodiesterase from Staphylococcus aureus: An integrated in-vitro, in Silico, and STD-NMR approach</i> Zainab Dr. Panjwani Center for Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences, University of Karachi, Karachi-75270, Pakistan
P-014	<i>Catalytic degradation of dyes using nanoparticles loaded stimuli responsive microgels</i> Jawaria Yaseen School of Chemistry, University of Punjab, New Campus, Lahore, Pakistan
P-015	<i>Impact of varying concentrations of nutrient enriched biochar composite on the growth of Fenugreek Plant</i> Faiza Ijaz School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-016	<i>Salivary glutamate monitoring at sub-nanomolar resolution: A disposable NiWO₄-amplified molecularly imprinted sensor for neurochemical diagnostics</i> Areeba Wajid School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-017	<i>Development of a Bismuth-based Metal Organic Framework for photocatalytic degradation of dyes</i> Fakhra Ashfaq School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-018	<i>Ocimum basilicum L. (sweet basil) seed polysaccharides as multifunctional stimuli- responsive hydrogel for pharmaceutical and environmental applications</i> Wajeaha Gohar School of Chemistry, University of the Punjab, New Campus, Lahore Pakistan
P-019	<i>Development and microstructural characterization of a Gemcitabine-loaded microemulsion for sustained drug delivery and preclinical evaluation</i> Amarah Sultan Rana Department of Chemistry, Division of Science and Technology, University of Education, Lahore 54770, Pakistan
P-020	<i>Advanced hybrid membranes integrated with functionalized carbon-based nanomaterials for safe PFAS filtration</i> Hajira Akbar International Center for Chemical and Biological Sciences (ICCBS), University of the Karachi, Karachi, Pakistan

P-021	<i>Synthesis and characterization of Lithium doped zinc oxide alloyed with gadolinium</i> Adeeba Shabbir University of Engineering and Technology (UET) Lahore, Lahore, Pakistan
P-022	<i>An eco-friendly way to remove toxic metals from wastewater using plant waste</i> Dua Aaisha The Begum Nusrat Bhutto Women University Sukkur, Sukkur, Pakistan
P-023	<i>Synthesis of alkyl O-glycosidic mesogens as drug carriers for aspirin</i> Kausar Waseem Department of Chemistry, Lahore College for Women University, Lahore, Pakistan
P-024	<i>Nano-formulated material to increase agricultural productivity and climatic stress mitigation</i> Hareem Munawar Department of Chemistry, University of Agriculture, Faisalabad, Faisalabad, Pakistan
P-025	<i>Preparation and characterization of Guar-gum and sodium alginate based hydrogels for controlled antihypertensive drug delivery</i> Muneeba Aamer Department of Chemistry, Lahore College for Women University, Lahore Pakistan
P-026	<i>Assessment of antimicrobial and biofilm inhibitory properties of Bismuth nanoparticle-reinforced hydrogel systems</i> Tooba Malik Institute of Chemical Sciences, Government College University Lahore, Lahore, Pakistan
P-027	<i>In-silico and in-vitro investigation of the antibacterial efficacy of propolis: From molecular docking to dynamic simulations</i> Aaisha Dar Lahore College for Women University, Lahore, Pakistan
P-028	<i>Impact of NaCl stress on growth and antioxidant response in wheat</i> Sidra The Begum Nusrat Bhutto Women University Sukkur, Sukkur, Pakistan
P-029	<i>Fabrication and morphological studies of ternary heterojunction $\text{Bi}_2\text{MoO}_6/\text{CuMoO}_4/\text{CuFe}_2\text{O}_4$ for photocatalytic application</i> Tajallia Khalid School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-030	<i>Groundwater quality assessment in district Kamber-Shahdad Kot, Sindh, Pakistan</i> Sawera Narejo The Begum Nusrat Bhutto Women University, Sukkur, Sukkur, Pakistan
P-031	<i>FeS-based nanocomposites for sustainable water remediation: Synthesis, mechanisms, and applications</i> Zil-e-Hasnain Department of Chemistry, University of Agriculture Faisalabad, Faisalabad, Pakistan

P-032	<i>AI-driven molecular; Innovation for next-generation breast cancer therapeutics</i> Shamsa Bibi Department of Chemistry, University of Agriculture Faisalabad, Faisalabad, Pakistan
P-033	<i>SiO₂@MWCNTs-based molecularly imprinted electrochemical sensor for trace-level detection of L-Tryptophan</i> Mehak Iqbal School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-034	<i>Coral-like biomimetic Cr-doped Bi₂WO₆ integrated on conductive MXene support (CrBi₂WO₆/MXene) for advanced supercapacitor electrode applications</i> Manahil Sattar Institute of Chemistry, Baghdad-ul-Jadeed Campus, The Islamia University of Bahawalpur, Bahawalpur-63100, Pakistan
P-035	<i>Synthesis, characterization, and application of a ternary PANI/Gellan Gum/W-doped Titanium oxide composite</i> Ayesha Afridi National Center of Excellence in Physical Chemistry, University of Peshawar, Peshawar, Pakistan
P-036	<i>Electronic and interfacial engineering of Zr-doped SrMoO₄/GO-MXene heterostructures for supercapacitor and hydrogen production applications</i> Ayesha Tabassum Institute of Chemistry, Baghdad-ul-Jadeed Campus, The Islamia University of Bahawalpur, Bahawalpur, Pakistan
P-037	<i>Evaluation of hydrochemistry of the Dokri groundwater including historical site Mohenjo-Daro, Sindh, Pakistan</i> Sofia Junejo The Begum Nusrat Bhutto Women University, Sukkur, Sukkur, Pakistan
P-038	<i>Antimicrobial nanoparticle infused hydrogel: A sustainable approach for treating biofilm containing chronic wounds</i> Arshia Zaheer Institute of Chemical Sciences, Government College University Lahore, Lahore, Pakistan
P-039	<i>Citric acid crosslinking and metalation of arabinoxylan from Psyllium (Plantago ovata) engender smart materials for intelligent drug delivery</i> Ume Farwah School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-040	<i>Engineering bioactive bilayer electrospun nanofibrous scaffolds integrating PLA/Diopside and silk fibroin/ZnO for orthopedic regenerative applications</i> Faiza Khalid Interdisciplinary Research Centre in Biomedical Materials, COMSATS University Islamabad, Lahore Campus, Lahore, Pakistan
P-041	<i>Sustainable TiO₂-based biocomposites for efficient removal of reactive Black 5 from water: A comparative adsorption study</i> Saima Noreen Department of Chemistry, University of Agriculture Faisalabad, Faisalabad, Pakistan

P-042	<i>A poly(methacrylic acid)-engineered electrochemical interface for highly sensitive and selective Cortisol monitoring across multiple biological matrices</i> Roshni Shahzad School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-043	<i>B'-site cation substitution in Sr_2NbXO_6 ($X = Sb, Bi$): A DFT investigation of structural, mechanical, optoelectronic, and thermoelectric attributes for sustainable energy applications</i> Amna Khan Department of Physics, University of Management and Technology, Lahore, Pakistan
P-044	<i>Fabrication of poly(N-isopropylmethacrylamide-co-Allyl acetic acid) microgels loaded with silver nanoparticles for efficient reduction of nitroarenes in aqueous medium</i> Umar Farooq School of Chemistry, University of the Punjab, New Campus, Lahore 54590, Pakistan
P-045	<i>Synthesis of Metal Organic Framework; Composition and its application for the removal of Congo Red dye in wastewater treatment</i> Mehwish Manzoor Department of Chemistry, University of Agriculture Faisalabad, Faisalabad, Pakistan
P-046	<i>Green synthesis, characterization and thermotropic behaviour of O-linked glycopyranosides of phenolic esters</i> Safa Amir Department of Chemistry, Lahore College for Women University, Lahore, Pakistan
P-047	<i>Comparative study of physicochemical parameters of branded and local honeys in Sindh</i> Rida e Zahra Katpar The Begum Nusrat Bhutto Women University Sukkur, Sukkur, Pakistan
P-048	<i>Synthesis of Bentonite-Guar gum hybrid composites for adsorption of Congo Red</i> Laraib Islam Department of Chemistry, Lahore College for Women University, Lahore, Pakistan
P-049	<i>rGO-integrated Fe-MOF nanohybrid platform for ultra-trace Cd^{2+} detection in complex environmental and cosmetic samples</i> Seemab Seher School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-050	<i>Fabrication and characterization of chitosan based microgels and their hybrids for catalytic reduction of 2-Nitroaniline in aqueous medium</i> Zaryab Khan School of Chemistry, University of the Punjab, New Campus, Lahore 54590, Pakistan
P-051	<i>Molecularly imprinted copolymer-based electrochemical sensor for selective detection of allantoin as an oxidative stress biomarker</i> Sumayya Qayyum School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-052	<i>Fabrication and morphological studies of ternary composite $Bi_2WO_6/ZnWO_4/g-C_3N_4$ for photocatalytic application</i> Faiza Toqeer School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan

P-053	<i>Bio-absorption removal of Rhodamine-B dye from wastewater using oxalic acid treated Sugarcane bagasse</i> Muhammad Anis School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-054	<i>Phytochemical constituents and biological activities of Citrus limetta peel extract: A GC-MS and spectroscopic approach</i> Sania Aslam School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-055	<i>Development and catalytic activity of silver nanoparticles/2D-Molybdenum disulfide reinforced ethyl acetoacetate grafted chitosan and modified sodium alginate matrix for para-nitrophenol reduction</i> Umm E Habiba School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-056	<i>Integrated computational investigation of aspirin and naproxen against pain and inflammation associated targets using network pharmacology and molecular modelling</i> Aleeza Babar School of Chemistry, University of the Punjab, New Campus, Lahore-54590, Pakistan
P-057	<i>Fabrication of high-performance MOF as cathode material for Zinc ion batteries</i> Tayyaba Shahzadi Institute of Chemical Sciences, Government College University Lahore, Lahore-54000, Pakistan
P-058	<i>AI-assisted cross-validation of flavonoid inhibitors against SARS-CoV-2 Omicron Mpro via a GNINA-powered docking pipeline</i> Hina Nazir School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-059	<i>Practical identifiability versus predictive robustness of single-diode-model parameters from commercial PERC I-V curves</i> Syed Zainoor Shah National Centre of Excellence in Physical Chemistry, University of Peshawar, Peshawar, Pakistan
P-060	<i>Synthesis of Guar gum beads for Tramadol drug delivery</i> Sehar Ali Department of Chemistry, Lahore College for Women University, Lahore, Pakistan
P-061	<i>Fabrication and characterization of trimetallic oxide Zn-Co-Mo nanoparticles for photocatalytic degradation of organic pollutants</i> Laiba Arshad Department of chemistry, School of sciences, UMT C-2 Johar town, Lahore, Pakistan
P-062	<i>Computational guided design and synthesis of Triazole-anchored hole selective layers for perovskite solar cells</i> Asma Younas Institute of Chemical Sciences, Government University Lahore, Lahore, Pakistan
P-063	<i>Design, synthesis and atomistic characterization of quinoxaline-based hole transport materials by optimizing conjugation backbone for efficient perovskite solar cells</i> Muhammad Ahmad Ilyas Institute of Chemical Sciences, Government College University Lahore, Lahore, Pakistan

P-064	<i>Interfacial charge dynamics in CdMoO₄/Fe₂O₃@MXene ternary hybrid electrode material for super capacitive and hydrogen production study</i> Rafia Umer Institute of Chemistry, Baghdad-ul-Jadeed Campus, The Islamia University of Bahawalpur, Bahawalpur, Pakistan
P-065	<i>Photocatalytic dehydration of Erichrome Black T over ZnO multivariate modeling and process optimization</i> Irum Abro The Begum Nusrat Bhutto Women University Sukkur, Sukkur, Pakistan
P-066	<i>Molecular engineering and synthesis of quinoxaline-linked Covalent Organic Frameworks for water splitting application</i> Shumaila Yousaf Institute of Chemical Sciences, Government College University Lahore, Lahore, Pakistan
P-067	<i>Bioactive hydrogel dressings: Carrageenan/PVA/functionalized Bentonite infused with Ratanjot extract</i> Zaman Riaz School of Chemistry, University of the Punjab New Campus, Lahore, Pakistan
P-068	<i>Remediation of heavy metal-contaminated water using sugarcane bagasse-supported CuO nanoparticles</i> Rida Waqar Department of Chemistry, Lahore College for Women University, Jail Road Lahore, Lahore, Pakistan
P-069	<i>Synthesis of phenolic acid-loaded hydrocolloidal system for food storage</i> Rabeeia Attiq Department of Chemistry, Lahore College for Women University, Jail Road Lahore, Lahore, Pakistan
P-070	<i>Fabrication of a novel hybrid biosorbent based on CDTA modified chitosan and calcium alginate for selective biosorption of Cu (II) from aqueous media</i> Mehwish Batool School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-071	<i>Comparative study of the phenolic profile and antibacterial activity of honey bee propolis</i> Tajwar Sohail Department of Chemistry, Lahore College for Women University, Lahore, Pakistan
P-072	<i>Multifunctional curcumin-loaded chitosan/PVA composite films reinforced with silane-modified clay for active and sustainable packaging</i> Ghulam Muhammad Mujtba School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-073	<i>Valorization of carcinogenic azo dye effluents into value-added chemicals: Integrated remediation and circular economy strategies</i> Taskeen Yousaf Department of Chemistry, University of Agriculture Faisalabad, Faisalabad, Pakistan
P-074	<i>Engineered hybrid materials for heterogeneous and electrocatalysis</i> Faisal Ali School of Chemistry, University of the Punjab, New Campus, Lahore-54590, Pakistan

P-075	<i>Bi-MOF as an efficient photocatalyst for wastewater treatment</i> Sana Javaid School of Chemistry, University of the Punjab, New Campus, Lahore-54590, Pakistan
P-076	<i>Ion-imprinted porous aromatic framework electrode for selective electrochemical monitoring of Cadmium in environmental water</i> Zuraiz Ahmad Khan Sensors and Diagnostics Lab, School of Chemistry, University of the Punjab, Quaid-I-Azam Campus, Lahore, Pakistan
P-077	<i>Green synthesis of Selenium nanoparticles using equisetum diffusum: Characterization, antibacterial potential effects on plant growth</i> Tehreem Riaz School of Chemistry, University of the Punjab, New Campus Lahore, Lahore-54590, Pakistan
P-078	<i>Engineering of bimetallic Nd/Ni MOF anchored on 2D delaminated MXene nanosheets for better performance of water splitting electrocatalysis</i> Fizah Zafar School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-079	<i>Compositionally tuned Mn-doped CoFe₂O₄ Spinel ferrites for multifunctional electrochemical energy storage and water-splitting</i> Tanzeela Zulfiqar Institute of Chemistry, Baghdad-ul-Jadeed Campus, The Islamia University of Bahawalpur, Bahawalpur-63100, Pakistan
P-080	<i>Photocatalytic degradation of eriochrome black T over ZnO multivariate modeling and process optimization</i> Tabasum Naz Shaikh The Begum Nusrat Bhutto Women University Sukkur, Sukkur, Pakistan
P-081	<i>Polymer-derived ceramic engineering of poly-silazane-infiltrated C/C composites for enhanced densification and high temperature oxidation resistance</i> Muntaha Faisal Department of Materials Science and Engineering at the Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology (PAF-IAST) in Haripur, Khyber Pakhtunkhwa, Pakistan
P-082	<i>Comparative study of physicochemical parameters of branded and local honeys in Sindh</i> Ifra Mughal The Begum Nusrat Bhutto Women University, Sukkur, Sukkur, Pakistan
P-083	<i>Theoretical and experimental study of an amorphous WO₃ thin film with incoherent substrate for optical analysis</i> Maryam Yousaf Centre for Solid State Physics, University of the Punjab, New Campus, Lahore, Pakistan
P-084	<i>Synthesis of chitosan-based RO membranes with polyethylene glycol (PEG-200) and crosslinked with vinyltriethoxysilane(VTEOS) for water desalination</i> Nazish Saba School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan

P-085	<i>Creating multipurpose hydrogels for environmental remediation, wearable sensors, and energy storage</i> Saif Ur Rehman National Centre of Excellence in Physical Chemistry, University of Peshawar, Peshawar, Pakistan
P-086	<i>Propolis-mediated green synthesis of silver nanoparticles for burn wound healing</i> Warda Hanif Department of Chemistry, Lahore College for Women University, Lahore, Pakistan
P-087	<i>Synthesis of bi-functional graft copolymer nanocomposites for wastewater remediation</i> Anam Ashraf Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad, Pakistan
P-088	<i>Palladium nanoparticles stabilized in poly(styrene@N-isopropylmethacrylamide) core shell microgels for catalytic hydrogenation</i> Yasir Aslam School of Chemistry, University of the Punjab, New Campus, Lahore 54590, Pakistan
P-089	<i>Green synthesis of silver oxide nanoparticles from black pepper and their application in electrode for hybrid super capacitor</i> Zainab Batool School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-090	<i>Biomimetic copolymer–Prussian Blue analogue nanocomposites with induced α-hydroxybutyric acid specificity for metabolic biomarker detection</i> Emaan Ahmad Sensors and Diagnostics Laboratory, School of Chemistry, University of the Punjab, Quaid-I-Azam Campus, Lahore 54590, Pakistan
P-091	<i>Sustainable guar gum-based adhesive hydrogel with enhanced wet adhesion and leakage-sealing performance</i> Muhammad Tahir Khan National Centre of Excellence in Physical Chemistry, University of Peshawar, Peshawar, Pakistan
P-092	<i>Chemistry of sustainable development</i> Rafsha Zahid School of chemistry, University of the Punjab, New Campus, Lahore-54590, Pakistan
P-093	<i>Dual-defect engineered Ce-doped ZnFe₂O₄/Acid-treated g-C₃N₄ composite for enhanced photocatalytic removal of emerging organic contaminants</i> Maryam Ghaffar Institute of Chemistry, The Islamia University of Bahawalpur, Bahawalpur, Pakistan
P-094	<i>Transition-metal selection in Metal-Organic Framework electrodes for next-generation supercapacitors: Ni MOF as a low-cost, scalable charge storage platform</i> Asad Ullah Khan Department of Materials Science and Engineering, Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology (PAF-IAST), Mang, Haripur-22621, KPK, Pakistan

P-095	<i>Gd³⁺ driven structural, electronic and optical parameters modulation of Ni_{0.8}Co_{0.1}Cu_{0.1}GdxFe_{2-x}O₄ for advanced photocatalytic applications</i> Sidra Tul Muntah Department of Chemistry, The Government Sadiq College Women University Bahawalpur, Bahawalpur-63100, Pakistan
P-096	<i>Rare-earth and transition-metal Co-substituted Bi₂WO₆: Structure–property relationship and photocatalytic performance</i> Fizza Malik Institute of Chemistry, Baghdad-ul-Jadeed Campus, The Islamia University of Bahawalpur, Pakistan
P-097	<i>Aluminum oxide (Al₂O₃) coating on Lithium-Iron phosphate (LiFePO₄) cathode for enhanced interfacial engineering in energy storage devices</i> Umar Farooq Laser and Optonics Centre, University of Engineering and Technology Lahore, Lahore-54000, Pakistan
P-098	<i>Gamma-ray-induced oxygen vacancy engineering in FeMnO₃ for enhanced visible-light-driven photocatalytic degradation of Alizarin Red S</i> Allah Rakha Institute of Chemistry, Baghdad-ul-Jadeed Campus, The Islamia University of Bahawalpur, Bahawalpur-63100, Pakistan
P-099	<i>Vanadium pentoxide (V₂O₅) coating on Lithium Ferrous phosphate (LiFePO₄) cathode for improved performance in energy storage devices</i> Ishfaq Ahmad Laser and Optonics Centre, University of Engineering and Technology Lahore, Lahore-54000, Pakistan
P-100	<i>Green synthesis of ZnO-doped N, S carbon quantum dots (CQDs): A sustainable approach to drug degradation</i> Raja Muhammad Arslan School of Chemistry, University of the Punjab, New Campus, Lahore-54590, Pakistan
P-101	<i>Fabrication of Ag-P(N-isopropylmethacrylamide-co-2-hydroxyethylmethacrylate-co-2-hydroxyethylacrylate) hybrid microgels for catalytic reduction of organic dyes</i> Sonia Sadaf School of Chemistry, University of the Punjab, New campus, Lahore, 54590, Pakistan
P-102	<i>Integrated synergy: Development of MXene/SiO₂/Al₂O₃ ternary hybrid nanocomposites for atomic oxygen-resistant polyimide spacecraft films</i> Iqra Laraib Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad, Pakistan
P-103	<i>B-site driven structural, magnetic and dielectric properties of Sr₂Co_{1-x}Fe_xNbO₆ double perovskites for proposed advanced supercapacitor applications</i> Aamir Abbas School of Chemistry, University of the Punjab, New Campus, Lahore 54590, Pakistan
P-104	<i>Synthesis and characterization of Mo₂C for the photocatalytic degradation of methylene blue and eosin blue dyes</i> Shahzaib Ahmad Department of Chemistry, Bacha Khan University Charsadda, KPK, Pakistan

P-105	<i>From color change to current response and smartphone readout: Trimodal detection of folic acid in megaloblastic anemia using supramolecular silver nanoparticles</i> Jafar Saifullah HEJ Research Institute of Chemistry, International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, Karachi, Sindh, Pakistan
P-106	<i>Photocatalytic degradation of Rhodamine B using GO-supported $ZrO_2-Fe_2O_3$ bimetallic nanocomposites: Optimization via response surface methodology</i> Saba Jamil Department of Chemistry, University of Agriculture Faisalabad, Faisalabad, Pakistan
P-107	<i>Dye degradation, antimicrobial activity, and molecular docking analysis of Samarium-grafted carbon nitride doped-Bismuth oxobromide quantum dots</i> Shams Rani Department of Chemistry, University of Agriculture Faisalabad, Faisalabad, Pakistan
P-108	<i>In-situ synthesis of 3D ultra-small copper augmented g-C_3N_4 hybrid for highly sensitive electrochemical binding capability for sarcosine</i> Umama Noor National Institute for Biotechnology and Genetic Engineering, Pakistan Atomic Energy Commission, Pakistan
P-109	<i>Synergistic charge-transfer enhancement in $rGO/Bi_2WO_6/Ce_2(WO_4)_3$ ternary heterostructures: Interfacial design for noble-metal-free electrochemical sensing of p-nitrophenol</i> Salma Zafar School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-110	<i>Fabrication of metallic nanostructure embedded polymer nanocomposite for antibacterial application</i> Nisha Noor Pakistan Institute of Engineering and Applied Sciences, Islamabad, Pakistan
P-111	<i>Selective electrochemical detection of α-lipoic acid at sub-nanomolar levels using a disposable MIP@In-MOF sensor: Toward point-of-care biomonitoring of NELL-1-associated membranous nephropathy</i> Zunaira Faisal School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-112	<i>Antimicrobial potential of the usnic acid-containing Lichen Rhizoplaca chryssoleuca from Gilgit-Baltistan, Pakistan</i> Uswa Fatima Ahmad Institute of Botany, University of the Punjab, New Campus, Lahore, Pakistan
P-113	<i>Synthesis of gold-poly (N-isopropylacrylamide-2-hydroxyethylmethacrylate-vinyl imidazole) hybrid microgels for catalytic reduction of organic dyes</i> Saleha Atta School of Chemistry, University of the Punjab, New Campus, Lahore-54590, Pakistan
P-114	<i>Tungsten modified-$SnO_2/g-C_3N_4$ nanocomposite for catalytic reduction of inorganic pollutants</i> Anser Zahoor Department of Chemistry, University of Agriculture Faisalabad, Faisalabad, Pakistan
P-115	<i>Cu-Doped ZnO-based nanocomposites for catalytic reduction of Cr(VI) and ferricyanide in water</i> Maryam Shoukat Department of Chemistry, University of Agriculture Faisalabad, Faisalabad, Pakistan

P-116	<i>Bi³⁺ doping's role in adjusting the crystal structure and improving the dielectric properties of Ba_{2-x}BixMnTeO₆ (0.0 ≤ x ≤ 0.4) double perovskite ceramics for energy storage devices</i> Tajammul Hussain Tahir School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-117	<i>Kinetics of pyrolysis process in oriental white oak</i> Samroz Zahra School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-118	<i>Towards sustainable and affordable diagnostics: Electrosynthesized imprinted poly(aniline-co-2-anilinoethanol)/Ti-Zr MOF nanohybrid on a disposable electrode for L-4-hydroxyproline detection</i> Sayeda Kiran Shahzadi Sensors and Diagnostics Lab, School of Chemistry, University of the Punjab, Lahore, Pakistan
P-119	<i>Revolutionizing the effect of Azadirachta indica extracts on edema induced changes in C-reactive protein and interleukin-6 In Albino Rats: In-silico and in-vivo approach</i> A. Ammara Institute of Molecular Biology and Biotechnology (IMBB), University of Lahore, Lahore, Pakistan
P-120	<i>A smart machine learning-integrated electrochemical platform for rapid simultaneous detection and real-time monitoring of heavy metal ions in water</i> Muhammad Hussain Arif School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-121	<i>Photocatalytic remediation of malachite green dye using SnO₂ as a catalyst</i> Syeda Arshia Batool The Begum Nusrat Bhutto Woman University Sukkur, Sukkur, Pakistan
P-122	<i>Development and characterization of β-cyclodextrin inclusion complexes of carvacrol for enhanced physicochemical stability and biological activity</i> Omamah Shoaib School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-123	<i>Synthesis, characterization and antimicrobial study of transition metal (II) complexes with Indoline-2,3-dione derived ligand</i> Ayesha Maqbool Department of Chemistry, Government College University Faisalabad, Faisalabad, Pakistan
P-124	<i>Electrochemical sensing using molecularly imprinted poly(methacrylic acid-co-acrylamide) films for detection of γ-aminobutyric acid (GABA)</i> Shama Fateen School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-125	<i>Colorimetric sensing, photocatalytic and biomedical applications of Blepharis edulis pers hydrogel-based silver nanoparticles</i> Tooba School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
P-126	<i>Study of polystyrene–cement composites and their application as a light weight sustainable construction material</i> Farheen Anjum School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan

P-127	<i>Hypervalent iodine reagents in organic synthesis: A review of methodology developments and synthetic applications</i> Qurat Ul Ain School of Chemistry, University of the Punjab, New Campus, Lahore, Pakistan
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