



UNIVERSITY OF MANAGEMENT AND TECHNOLOGY



**2nd UMT International Conference on Pure and Applied Sciences
(2nd UICPAS-2017)
October 5-7, 2017**

Schedule of the Conference for Day 1

October 5, 2017 (Thursday)

Time		
8:00 AM – 9:00 AM	Registration	
Time	Talk	Speaker(s)
9:01 AM-10:30 AM	Opening Ceremony (UMT Conference Hall)	Dean SSC, Guest of Honours, the Chief Guest and Worthy Rector of UMT, Lahore
Conference Theme (UMT Conference Hall)		
10:31 AM – 11:00 AM	Science Merging into the Unity of Sciences	Dr. Mohammad Arfin Khan Lodhi, Department of Physics, Texas Tech University, USA
REFRESHMENT AND TEA		
11:01 AM-11:30 AM	Poster Session (UMT Conference Hall)	
Key Note Speech (UMT Conference Hall) Chair: Prof. Dr Muhammad Azhar Iqbal, Dean SSC, UMT, Lahore		
11:31 AM – 12:15 PM	Toward Condenser-Based Optical Nanoscopes	Prof. Dr. Luis - Department of Physics and Astronomy, Texas Tech University, USA
Key Note Speech (UMT Conference Hall) Chair: Prof. Dr. Mahdi Sanati, Texas Tech University, Lubbock, USA.		
12:16PM -01:00PM	Advancing Science, Engaging Learners: Moving from Chalk (analog) to Electrons (digital)	Prof. Dr. Ellene Tratras Contis, Prof of Chemistry, Eastern Michigan University, USA.

PRAYER AND LUNCH BREAK
01:00pm -2:00pm (Lunch will be served at 1:20pm).

<u>MATH SESSION 1:</u> <u>(3S-46)</u>		
Chair: Dr. Aziz-ur-Rehman, Associate Professor, Department of Mathematics, UMT, Lahore, Pakistan		
Time	Paper Title	Name and Affiliation
2:01 PM – 2:20 PM	On rotational flows of rate type fluids with shear stress on the boundary	Dr. Azhar Ali Zafar, Department of Mathematics, GCU, Lahore
2:21 PM – 2:40 PM	Existence of fixed point of Edelstein-Suzuki type multivalued strict contractions on b-metric spaces and best approximation theory	Prof. Dr. Mujahid Abbas, Department of Mathematics, Government College University, Lahore Pakistan.
2:41 PM – 3:00 PM	Solution to nonlinear functional equations involving Suzuki type generalized multivalued mappings in fuzzy metric spaces with applications in dynamic programming	Mr. Naeem Saleem, UMT, Lahore
3:01 PM – 3:20 PM	Mathematical Induction is Actually a Deductive Technique	Dr. Nadeem Iqbal, National College of Business Administration and Economics, Lahore.
3:21 PM – 3:40 PM	Numerical Modelling of the hepatitis C with different Types of Virus Genome and the Effect of Time Delay	Dr. Muhammad Asghar Ali, The University of Lahore.
3:41 PM – 4:00 PM	Numerical Modeling of Hepatitis C Dynamics with Different Types of Virus Genome	Dr. Muhammad Rafiq, University of Central Punjab
4:00PM – 4:15 PM	Tea/Coffee Break Poster Session	
<u>MATH SESSION 2:</u> <u>(3S-46)</u>		
Chair: Dr. Azhar Ali Zafar, Department of Mathematics, GCU, Lahore.		
4:16 PM – 4:35 PM	Stellar Zoo, Past and Future	Dr. Zeeshan Yousaf, PU, Lahore
4:36 PM – 4:55 PM	Evolution of Celestial Objects in Modified Gravity	Dr. M. Zaeem-ul-Haq Bhatti, PU, Lahore
4:56 PM – 5:15 PM	Existence of solutions of nonlinear coupled boundary value problems	Dr. Imran Talib, UMT, Lahore.
5:16 PM – 5:35 PM	Fourth order numerical method for heat equation subject to the nonlocal boundary conditions	Ms. Anam Zahra, UMT, Lahore.
<u>PHYSICS SESSION 1:</u> <u>(3S-44)</u>		
Chair: Dr. Luis, Associate Professor, Department of Physics and Astronomy, Texas Tech University, USA		
2:01 PM – 2:20 PM	Integration of Multiferroic Thin Films with Si (100) substrate by Pulsed Laser Deposition	Saifullah Awan, National Centre for Physics QAU Campus.
2:21 PM – 2:40 PM	Thin Solid Film Formation by Physical Vapour Deposition (PVD): Problems faced and their remedies	E. E. Khawaja, Department of Physics, University of Management and Technology, Lahore
2:41 PM – 3:00 PM	Assimilation of Magnetoelectric Profiles of Compound and Composite (NiO) _x (Fe ₂ O ₃) _{1-x}	Ali Abdullah, University of Management and Technology, Sialkot Campus, Sialkot
3:01 PM – 3:20 PM	Characterization and Antibacterial Application of ZnO NanoParticles	Sumera Siddique, Department of Physics, Texas Tech University, USA.

	Prepared by Mechano-Chemical Method	
3:21 PM – 3:40 PM	Phase-Recovery Imaging of Photonic Crystals Using Hemispherical Digital Condensers	Hira Farooq, Texas Tech University, USA
3:41 PM – 4:00 PM	Structural, Dielectric and Magnetic Properties of Chromium Doped Iron Oxide Nanoparticles	Zaheer Hussain Shah Department of Physics, School of Science, UMT, Lahore, Pakistan
4:00PM – 4:15 PM	Tea/Coffee Break Poster Session	
<u>PHYSICS SESSION 2:</u> <u>(3S-44)</u>		
Chair: Dr Imran Jameel, Department of Physics, UMT, Lahore, Pakistan		
4:16 PM – 4:35 PM	Activation cross-section of Nickel and Application of its Nuclear Data	Nouman Amjed, Division of Science and Technology, University of Education, Lahore.
4:36 PM – 4:55 PM	SESAME (Synchrotron-light for Experimental Science & Applications in the Middle East) –A new hope for scientific community in Pakistan	Dr. Intikhab Ulfat, University of Karachi
4:56 PM – 5:15 PM	Physics in Medicine and Biology-An overview	Prof. Dr. Muhammad Afzal Rao, Department of Physics, The Islamia University of Bahawalpur.
5:16 PM – 5:35 PM	Optical properties of thin films of niobium oxide prepared by electron beam evaporation	Imtiaz Ahmad Department of Physics, School of Science, University of Management and Technology, Johar Town, Lahore, Pakistan.
<u>BIO & ENVIRONMENTAL SCIENCES SESSION 1:</u> <u>(3S-45)</u>		
Chair: Dr. Sher Zaman Safi, IRCBM, COMSATS Institute of Information Technology, Lahore		
2:01 PM – 2:20 PM	mRNA expression and not polymorphisms of SOCS3 gene is indicator for non-response and relapse to therapy in Pakistani HCV infected population	Rabia Aslam, University of Management and Technology Lahore.
2:21 PM – 2:40 PM	The Realm of Composting as Irresistible Impulse to Decentralized Municipal Solid Waste Management in Lahore	Dr. Muhammad Shafiq, College of Earth and Environmental Sciences (CEES) University of the Punjab Lahore, Pakistan.
2:41 PM – 3:00 PM	Production of Biodiesel from Non-Edible Seed Oils Using Both Enzymatic and Alkali Catalysis in Batch Reactor	Dr. Malik Badshah, Department of Microbiology, Quaid-i-Azam University, Islamabad, Pakistan.
3:01 PM – 3:20 PM	Prevalence of Pulmonary Tuberculosis in HIV/AIDS	Muhammad Imran, National University of Sciences and Technology (NUST) Islamabad, Pakistan
3:21 PM – 3:40 PM	Metal substitution in Glucocorticoid Receptor exploits the variation in DNA interactions: A quantum mechanistic probe	Adnan Amjad, University of Management and Technology Lahore.
3:41 PM – 4:00 PM	L-asparaginase from <i>Pyrobaculum calidifontis</i> (P_cal 0970) as predictable drug for Acute Lymphoblastic Leukemia (ALL)	Hira Amjad, University of Management and Technology Lahore.
4:00PM – 4:15 PM	Tea/Coffee Break Poster Session	
<u>BIO & ENVIRONMENTAL SCIENCES SESSION 2:</u> <u>(3S-45)</u>		
Chair: Dr. Malik Badshah, Department of Microbiology, QAU, Islamabad, Pakistan		
4:16 PM – 4:35 PM	Molecular docking and DFT studies revealing inhibitory action of	Ayesha Ashraf, University of Management and Technology Lahore.

	phytochemicals against glycoproteins from Chikungunya virus	
4:36 PM – 4:55 PM	Prevalence of untypable HCV variants in different districts of Punjab, Pakistan and a case report of its treatment strategy	Ayesha Zafar, University of Management and Technology Lahore.
4:56 PM – 5:15 PM	Development of a model for the description of the viscosity of bio-oil produced by fast pyrolysis of the wheat straw	Rizwan Younis, University of Management and Technology Lahore.
5:16 PM – 5:35 PM	Co-ordination of metal ions with indole-3-acetic acid; synthesis, characterization and biological screening	Kiran Nazia Sikandar, University of Management and Technology Lahore
CHEMISTRY SESSION 1: (3S-43)		
Chair: Prof. Dr. Ellene Tratras Contis, Prof of Chemistry, Eastern Michigan University, USA.		
2:01 PM – 2:20 PM	A wild aquatic plant, Eichhornia Crassipes and polyethylene	Dr Hussain Gulab, Bacha Khan University Charsadda.
2:21 PM – 2:40 PM	Enhanced Photocatalytic Activity of Graphitic Carbon Nitride	Dr. Mohsin Javed, Salma Asif, University of Management and Technology Lahore.
2:41 PM – 3:00 PM	Chemical characterization of Black stones from the 17th century Mughal Architecture	Dr. Saima Gulzar, University of Management and Technology Lahore.
3:01 PM – 3:20 PM	Heterogeneous photocatalyst containing ternary metal oxides nanocomposite for degradation of pesticides	Muhammad Akhyar Farrukh, GC University Lahore
3:21 PM – 3:40 PM	ICE, A new drug in Pakistan	Muhammad Sameer, Punjab Forensic Science Agency Lahore.
3:41 PM – 4:00 PM	Synthesis, characterization and alkaline phosphatase studies of Zn(II), Cu(II), VO(IV) and Cd(II) carboxylates	Afshan Rizwan, University of Management and Technology Lahore.
4:00PM – 4:15 PM	Tea/Coffee Break Poster Session	
CHEMISTRY SESSION 2: (3S-43)		
Chair: Dr. Akhyar Farrukh, GCU Lahore, Pakistan		
4:16 PM – 4:35 PM	Global Chemists' Code of Ethics	Dr. G. A. Miana, Pharmaceutical Chemistry / Organic Synthesis, Riphah Institute of Pharmaceutical Sciences, Islamabad
4:36 PM – 4:55 PM	Synthesis of Tetrahydrocarbazole Linked 3,4-Dihydropyrimidin-2(1H)-one	Zubi Sadiq, Lahore College for Women University.
4:56 PM – 5:15 PM	Study of Antibacterial Activity of Ziziphus Sativa	Sehar Fatima, University of Management and Technology Lahore
5:16 PM – 5:35 PM	Pistachia khinjuk shows antidiabetic activity	Saima Taj, University of Management and Technology Lahore
5:36 PM – 5:55 PM	Evaluation of antibacterial potential of Melia azedarach Linn	Tabassum Munir, University of Management and Technology Lahore
7:00 PM – 8:30 PM	Conference Dinner (for invited Guests and registered participants only)	

**PROGRAM OF THE 1ST DAY IS
FINISHED**



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Schedule of the Conference for Day 2

October 6, 2017 (Friday)

Key Note Speech (UMT Conference Hall) Chair: Prof. Dr. Ellene Tratras Contis, Prof of Chemistry, Eastern Michigan University, USA		
9:01 AM – 9:40 AM	Functional characteristics of oleogel prepared from sunflower oil with β-Sitosterol and Stearic acid	Prof. ZhiGaang Xiao, College of Grain Science and Technology, Shenyang Normal University, Shenyang, Liaoning, China
Key Note Speech (UMT Conference Hall) Chair: Prof. Dr. Mohammad Rafiq Khan, Lahore School of Economics.		
9:41 AM – 10:20 AM	First-Principles Study of Phase Transformation in AuZn Shape Memory Alloy	Dr. Mahdi Sanati, Texas Tech University, Lubbock, USA.
Key Note Speech (UMT Conference Hall) Chair: Prof. Dr. John Webb, Swinburne University of Technology, Melbourne, Australia		
10:21 AM – 11:00 AM	Interlinking of Socio-economic Problems with Environmental Problems for Appropriate Development in Both Developed and the Developing Countries	Prof. Dr. Mohammad Rafiq Khan, Lahore School of Economics.
11:01 AM – 11:15 AM	Tea/Coffee Break Poster Session	
Time	Talk	Speaker(s)
<u>MATH SESSION 3:</u> <u>(3S-46)</u>		
Chair: Dr. Muhammad Saeed, Associate Professor, Department of Mathematics, UMT, Lahore, Pakistan		

11:16 AM – 11: 35 PM	CAGD using PDE Surfaces	Mr. Syed Khawar Nadeem Kirmani, UMT, Lahore
11:36 AM – 11: 55 PM	Dual hesitant fuzzy aggregation geometric bonferroni mean operator and its applications in multiple attribute decision making	Mr. Raja Noshad Jamil, UMT, Lahore.
11:56 AM – 12: 15 PM	Numerical Modeling of Whooping Cough Dynamics with Diffusion	Mr. Nauman Ahmed, UMT, Lahore.
12:16 AM – 12: 35 PM	Controlled Artificial Showering Optimization Algorithm for Global Optimization	Mr. Javaid Ali, GCT Lahore
Jumma Prayer & Lunch Break 12:36 PM – 2:00 PM		
<u>MATH SESSION 4:</u> Chair: Dr. Abdul Majeed, Department of Mathematics, University of Education, Lahore.		
(3S-46)		
2:01 PM – 2:20 PM	Characterization of the minimizing graph in the certain families of graphs	Dr. Muhammad Javaid, University of Management and Technology Lahore
2:21 PM – 2:40 PM	Fuzzy Parameterized Fuzzy Soft Metric spaces	Dr. Muhammad Riaz, PU, Lahore
2:41 PM – 3:00 PM	Some Properties of FPFS-Compact Spaces	Ms. Masooma Raza Hashmi, PU, Lahore
3:01 PM – 3:20 PM	Mathematics is actual formal structure	Mr. Syed Husnain, UMT Lahore
3:21 PM – 3:40 PM	H-metric dimensions of graphs	Dr. Zohaib Zahid, UMT, Lahore
3:41 PM – 4:00 PM	Binomial edge ideals	Dr. Sohail Zafar, UMT Lahore
4:01 PM – 4:20 PM	Occipital Bone Fracture Reconstruction using B-spline Curves	Dr. Abdul Majeed, Division of Science and Technolgy University of Education Town Ship Lahore
4:21 PM – 4:40 PM	Study of Hadamard k- Fractional Integral	Mr. Muhammad Khurshid Azam, University of Management and Technology Lahore.
4:41 PM – 5:00 PM	Impact of water hardness in instinctive laundry system based on fuzzy logic controller.	Mr. Muhammad Saqlain, Lahore Garrison University (LGU) ,Lahore Pakistan.
5:01 PM – 5:20 PM	Third Order Numerical Method for Heat Equation Subject to Integral Boundary Conditions	Ms. Kanwal Tariq, University of Management and Technology Lahore.
<u>PHYSICS SESSION 3:</u> E. E. Khawaja, Professor, Department of Physics, UMT, Lahore, Pakistan		
(3S-44)		

11:16 AM – 11: 35 PM	A Simple Technique to Fabricate Carbon Nanotube Gas Sensing Platforms	Dr. Syed Muhammad Zafar Iqbal, Khwaja Fareed University of Engineering and Information Technology (KFUEIT), Rahim Yar Khan.
11:36 AM – 11: 55 PM	Comparative Study of Alternative Power Policies	Dr. Naeem Abas Kalair, Department of Electrical Engineering University of Gujrat, Hafiz Hayat Campus Jalalpur Jattan Road, Gujrat, Pakistan
11:56 AM – 12: 15 PM	Materials with mind: Memory Training and Transformation behavior	Dr. M. Saifullah Awan, National Centre for Physics (NCP), Nanoscience and Technical Division (NS&TD), Islamabad, Pakistan.
12:16 PM – 12: 35 PM	Effect of thin film thickness and pH on the growth and Electrical properties of ZnONanorods for energy storage devices	M. Faisal Iqbal, Department of Physics, University of the Punjab, Lahore 54590, Pakistan
Jumma Prayer & Lunch Break 12:36 PM – 2:00 PM		
<u>PHYSICS SESSION 4:</u> <u>(3S-44)</u> Chair: Dr. Saifullah Awan, National Centre for Physics, QAU Islamabad		
2:01 PM – 2:20 PM	Cosmological reconstruction and energy bounds in extended scalar tensor theory	Farzana Kousar, COMSATS Institute of Information Technology, Lahore Campus.
2:21 PM – 2:40 PM	Transport Studies in Chemically Synthesized Nanostructured Ferrites for Advanced Applications	Dr. Anis-ur-Rehman, COMSATS Institute of Information Technology, Islamabad
2:41 PM – 3:00 PM	Comparative study of Structural and Electrical Properties of Cobaltite Nanoparticles	Tanveer Akhtar, COMSATS Institute of Information Technology, Islamabad, 44000, Pakistan
3:01 PM – 3:20 PM	High Specific Capacitance and Energy density of Synthesized Graphene Oxide based Hierarchical Al ₂ S ₃ Nanorambutan and SrSNanorods for Supercapacitor Applications	M. Faisal Iqbal, Department of Physics, University of the Punjab, Lahore 54590, Pakistan
3:21 PM – 3:40 PM	Application of Sanchez's approach to disease identification using trapezoidal fuzzy numbers	Muhammad Naveed Jafar, Lahore Garrison University (LGU), Lahore Pakistan
3:41 PM – 4:00 PM	Degradation Mechanisms and Effect of γ -Radiation on Nickel Metal Hydride (NiMH) Rechargeable Batteries	M. Azhar Iqbal, Department of Physics, University of Management and Technology, Lahore, Pakistan
4:01 PM – 4:20 PM	Shifting Of Magnetic Easy Axis of Nickel Nanowires by Varying Diameter	SIDRA KHALID, University of Management and Technology, Lahore,

4:21 PM – 4:40 PM	Hard X-Rays Emission from Laser Induced Plasma	Sidra Ashraf University of Management & Technology, Lahore.
4:41 PM – 5:00 PM	Review of laser induced plasma plume dynamics by Anisimov model	Hafsa Waheed, University of Management & Technology, Lahore.
5:01 PM – 5:20 PM	Strong Meson Decays and QCD	Bilal Masud, University of The Punjab, Lahore
BIO & ENVIRONMENTAL SCIENCES SESSION 3: (3S-45) Chair: Dr. Nouman Rasool, Department of Life Sciences, UMT, Lahore, Pakistan		
11:16 AM – 11: 35 PM	Determination of TGF- β 1 polymorphism at -509 C/T promoter region in HCV patients with and without HCC	Almina Shafiq, University of Management and Technology Lahore.
11:36 AM – 11: 55 PM	Incidence and susceptibility pattern of klebsiella specie from different clinical samples in a tertiary care hospital in Islamabad, Pakistan	Mahvish Kabir, University of Management and Technology Lahore.
11:56 AM – 12: 15 PM	Simultaneous nutrients removal from agricultural runoff and biogas production from microalgae	Saira Latif, Quaid-i-Azam University Islamabad.
12:16 PM – 12: 35 PM	Bioconversion of Agricultural Wastes to Polyhydroxybutyrate by Azotobacter Vinelandii	Dr. Shagufta Saeed, University of Veterinary and Animal sciences.
Jumma Prayer & Lunch Break 12:36 PM – 2:00 PM		
BIO & ENVIRONMENTAL SCIENCES SESSION 4: (3S-45) Chair: Dr. Sohail Afzal, Department of Life Sciences, UMT, Lahore, Pakistan		
2:01 PM – 2:20 PM		
2:21 PM – 2:40 PM	Stimulation of β -adrenergic receptors plays a protective role via increased expression of RAF-1 and PDX-1 in hyperglycemic rat pancreatic islet (RIN-m5F) cells	Sher Zaman Safi, IRCBM, COMSATS Institute of Information Technology, Lahore, Pakistan
2:41 PM – 3:00 PM	ISOLATION AND CHARACTERIZATION OF POTENTIAL CADMIUM TOLERANT <i>ESCHERICHIA COLI</i> FROM TANNERY WASTEWATER	Dr. Shoaib Ahmad Siddiqi Lahore Garrison University, Lahore, Pakistan
3:01 PM – 3:20 PM	Evaluation of Microalgae for Biofuels Production	Ambreen Shamshad, Quaid-i-Azam University Islamabad
3:21 PM – 3:40 PM	Catechol electrochemical sensor based on SiO ₂ /C/CuO-nanostructure modified with Ionic liquid	Abdur Rahim, Interdisciplinary Research Center in Biomedical Materials, COMSATS Institute of Information Technology, Lahore, Pakistan.
3:41 PM – 4:00 PM	GC-MS studies of essential oil of peganum harmala and their antioxidant activity	Tahreem Saleem, University of Management and Technology Lahore
4:01 PM – 4:20 PM	Processing of Organic Waste through Composting	Umer Aslam, University of Management and Technology Lahore.
4:21 PM – 4:40 PM	Current Status of Anaerobic Digestion Technology in Pakistan	Maria Shoukat, Department of Microbiology, Quaid-i-Azam University, Islamabad, Pakistan

4:41 PM – 5:00 PM	Green Synthesis of Zn-doped CuO nanoparticles by Gallic Acid	Aman Sabbir, University of Management and Technology Lahore.
5:01 PM – 5:20 PM	Detection of Pesticides in Different Matrices Using High Performance Liquid Chromatography-Tandem Mass Spectrometry	Muhammad Muntazir Iqbal, University of Management and Technology Lahore.
5:21 PM – 5:40 PM	Identification of electronic quantum coherence and entanglement between the excited states of different pigments in the light-harvesting stage of photosynthesis	Muhammad Haris Saeed, Department of computer science, University of Management and Technology, Lahore
CHEMISTRY SESSION 3: Chair: Dr. John Mark Webb, Swinburne University of Technology, Melbourne, Australia. (3S-43)		
11:16 AM – 11: 35 PM	Effect of Process Conditions on Production and Composition of Bio-oil	Dr. Hussain Gulab, Bacha Khan University Charsadda.
11:36 AM – 11: 55 PM	Synthesis and Study of Time-resolved Photoluminescence of chalcone Fluorophore	Muhammad Arif, University of Management and Technology Lahore.
11:56 AM – 12: 15 PM	Hydrogel covered bimetallic Co:Ni magnetic nano alloy for protein adsorption in biomedical application	Kausar Rajar, National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro76080, Pakistan
12:16 PM – 12: 35 PM	Synthesis and Spectral Characterization of Carboxylate Ligand, Derived From 2,4 Dinitrophenylhydrazine	Hamid Raza, University of Management and Technology Lahore.
Jumma Prayer & Lunch Break 12:36 PM – 2:00 PM		
CHEMISTRY SESSION 4: Chair: Dr. Sohail Nadeem, Associate Professor, Department of Chemistry, UMT Lahore, Pakistan (3S-43)		
2:01 PM – 2:20 PM	Novel Functionalized Cellulose Acetate Based Hybrid Membranes in Gas Permeation Study	Dr. Fozia Tabasum, Khwaja Fareed University of Engineering and Information Technology (KFUEIT), Rahim Yar Khan.
2:21 PM – 2:40 PM	Low cost activated carbon for removal of chromium from aqueous media	Shah Muhammad Haroon, University of Management and Technology Lahore.
2:41 PM – 3:00 PM	photocatalytic degradation and biological evaluation of copper doped zinc oxide nanoparticles	Rubina khan, University of Management and Technology Lahore.
3:01 PM – 3:20 PM	Synthesis, Spectral Characterization and Photocatalytic Applications of Sulfur-doped Graphitic Carbon Nitride Nanocomposite with Silver-doped Zinc Oxide	Umbreen Kiran, Mohsin Javed, University of Management and Technology Lahore.
3:21 PM – 3:40 PM	Lead Acid Battery efficiency enhancement factors	Ayesha Maqbool, University of Management and Technology Lahore
3:41 PM – 4:00 PM	Copper Nanoparticle as an alternative for Amoxicillin Antibiotic.	Humaira Khan, University of Management and Technology Lahore.

4:01 PM – 4:20 PM	Discovery of Schiff-base Derivatives of Ferrocene and Their Transition Metal Complexes as Alfa glycosidase activity	RIFAT JAWARIA, Khwaja Fareed University of Engineering and Information Technology Rahim yar khan
4:21 PM – 4:40 PM	Synthesis, Characterization and Biological Activities of Zn, Cd, Cu and Co complexes of Sodium-Phenylcarbamodithioate	Mariam Hameed, University of Management and Technology Lahore
4:41 PM – 5:00 PM	Characterization of Sunflower oil for its Oleic Acid Content	Dr Ayeha Mohyuddin, University of Management and Technology Lahore
5:01 PM – 5:20 PM	Hepatoprotective Activity of Pistachia khinjuk	Tayyaba Mushtaq, University of Management and Technology Lahore.
	PROGRAM OF THE 2nd DAY IS FINISHED	



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Schedule of the Conference for Day 3

October 7, 2017 (Saturday)

Key Note Speech (UMT Conference Hall) Chair: Dr. Syed Muhammad Zafar Iqbal, Khwaja Fareed University of Engineering and Information Technology (KFUEIT), Rahim Yar Khan.		
9:00 AM – 9:30 AM	An application of Linear Algebra over a cubic field to determine the monogeneity of cyclic sextic fields of prime power conductor	Toru Nakahara, University of Peshawar, KPK; Saga University, Japan
Key Note Speech (UMT Conference Hall) Chair: Dr. Syed Muhammad Zafar Iqbal, Khwaja Fareed University of Engineering and Information Technology (KFUEIT), Rahim Yar Khan.		
9:31 AM – 10:00 AM	Australia, Innovation and International Cooperation	Dr. John Mark Webb, Swiunburne University of Technology, Melbourne, Australia.
Key Note Speech (UMT Conference Hall) Chair: Chair: Dr. Abdur Rahim, Department of Chemical Engineering, COMSATS Institute of Information Technology, Lahore, Pakistan		
10:01 AM – 10:20 AM	Antibacterial activity of Gold nanoparticles and their Reduced Graphene Oxide Nanocomposites against drug Resistant Bacteria	Sadia Anjum, University of Hail, Saudia Arabia. (Video Conference)
10:21AM – 10:30 AM	Tea/Coffee Break	
9:00 AM – 11:00 AM (3S-44)	Workshop on “Environmental Pollution Awareness and Control” Dr. Muhammad Ali, University of the Punjab (for registered participants)	

<p>10:30 AM – 12:30 PM</p>	<p>Panel Discussion by Industry Representatives Program Moderator:</p> <ul style="list-style-type: none"> ➤ Mr. Ahmed Gill Technical Manager Chem Tech Pakistan <p>Executive Panel:</p> <ul style="list-style-type: none"> ➤ Mr. Kashif Choudhary, Director Mian Chemicals ➤ Mr. Mozzam Rashed, CEO, Bin Rasheed Chemicals (Invited) ➤ Mr. Umer Latif, CEO, Chem Tech (Invited) ➤ Ms. Nabeela Intisar, CEO, Waleed Tech ➤ Prof. Dr. Amir Ijaz, Director Institute of Chemical Engineering and Technology, Punjab University ➤ Prof. Dr. Adnan Ahmed, Chairman, Chemistry Department, GCU Lahore ➤ Mr. Zafar Mehmood, Nimir Chemicals ➤ Mr. Sufi Pervaiz, CEO Pharmagen ➤ Mr. Khurram, Sultan Chemicals ➤ Mr. Iqbal Kidwai, General Secretary, PCMA ➤ Dr. Muhammad Arif Butt, ➤ Dr. Mahmood Saleem, ➤ Dr Arif Bashir <p>Program Schedule:</p> <ul style="list-style-type: none"> ➤ Presentation on Technology Challenges for Chemical Industry of Pakistan by Mr. Naveed Ashraf, R&D Manager, SRC Pvt LTD ➤ Model Case Study on How Govt., Academia, and Industry collaborate for Industrial Revival and Progress by Mr. Rahmat Ullah, Manager ORIC UMT, Chief Coordinator IRP
<p>12:30 PM – 1:00 PM</p>	<p style="text-align: center;">Concluding Ceremony Distribution of Certificates</p>
	<p style="text-align: center;">PRAYER AND LUNCH 1:00pm -2:00pm</p>
<p>2:00 PM – 6:00 PM</p>	<p style="text-align: center;">City Tour (Out Station Participants)</p>

Poster Presentations

Sr. No.	Title	Speaker(s)
<u>CHEMISTRY</u>		
1	Determination of thiabendazole in fruits and vegetables	Maria Naz, University of Management and Technology Lahore.
2	Estimation of blends of candelilla wax and plant extracts for fruit storage	Aqsa Farzand, University of Management and Technology Lahore.
3	Synthesis, Characterization and Photocatalytic Applications of P(AAc) Microgels and its Composites of Ag Doped CuO Nanoparticles	Madiha Ahmad, University of Management and Technology Lahore.
4	Synthesis characterization and photocatalytic applications of pAAc microgel and its composites with Cu doped ZnO nanoparticles	Muhammad Fayyaz, University of Management and Technology Lahore.
5	Phytochemicals from the seeds of peganum harmala and their antioxidant and antibacterial activity	Ghazala Rafique, University of Management and Technology Lahore.
6	Synthesis, Characterizations and photocatalytic activity of Sulphur doped Zinc Oxide and its composite with graphene oxide for dye degradation	Saadia Iqbal, University of Management and Technology Lahore.
7	Synthesis and Spectral Characterization Of Carboxylate Ligand Derived from P-Toluidine	Hamid Raza, Muhammad Mohsin, University of Management and Technology Lahore.
8	Synthesis, Characterization and Photocatalytic Application of p(AAc) Microgels and its Composites of Ni Doped ZnO Nanoparticles	Sidra Arshad, University of Management and Technology Lahore.
9	Synthesis, Characterization and Photocatalytic Applications of S-Doped Graphitic Carbon Nitride Nanocomposites with Nickel Doped Zinc Oxide Nanoparticles	Dr. Mohsin Javed, University of Management and Technology Lahore.
10	Determination of Antifungal potential of Aloe vera Gel	Anila Hamza, University of Management and Technology Lahore.
11	A study on antifungal potential of Cassia fistula linn	Shaista Hussain, University of Management and Technology Lahore.
12	Clarithromycin Nanoparticles Synthesis, Characterization and Enhancement of Antimicrobial Activities and Dissolution Rate	Muhammad Ashfaq Ahmad, University of Management and Technology Lahore.
13	Antifungal and Antibacterial activity of Achyranthes Aspera	Fatima Sajid, University of Management and Technology Lahore.
14	Surfactant Assisted Synthesis of Noncrystalline ZnO & MnO Powders and their Bio-activities	Naila Nazeer, University of Management and Technology Lahore.

15	EVALUATION OF PLANT EXTRACT BASED CANDELILLA WAX FORMULATION TO IMPROVE SHELF LIFE OF FRUIT	Aalia Irshad, University of Management and Technology Lahore.
16	Determination of antifungal activity of Cymbopogon citratus	Sidra Azeem, University of Management and Technology Lahore.
17	Free Radical Scavenging Activity of Verbena bonariensis	Zenobia Zulfiqar, University of Management and Technology Lahore.
18	UTILIZATION OF THE WASTE COOKING OIL FOR MANUFACTURING SUSTAINABLE FUEL	Huma Shafiq, University of Management and Technology Lahore.
19	Cuprous oxide nanoparticles as efficient antimicrobial agents	Humaira Khan, University of Management and Technology Lahore.
20	Synthesis and Characterization of Albendazole Nanoparticles and their Microbial Activities and Dissolution Rate	Muhammad Asif Chattha, University of Management and Technology Lahore.
21	Combustion Synthesis, Characterization and Activities of CuO nanoparticles	Muzdalfa Zahid, University of Management and Technology Lahore.
22	Transition metal complexes of a bidentate Schiff Base derived by condensation of 2-aminothiophenol and 4-isopropylbenzaldehyde: synthesis, spectroscopic characterization and biological applications	Hira Kanwal, University of Management and Technology Lahore.
23	Exploration of adsorption capacity of low cost activated carbon for removal of copper ion from groundwater	S.M.Haroon, University of Management and Technology Lahore.
24	Optimum conditions for synthesis of CeO ₂ -SiO ₂ nanocomposite for degradation of Pesticide	Komal Mehmood Butt, Government College University, Lahore
25	Evaluation of Antifungal Activity of Anaerobic Digestate and its Effect on Growth and Yield of Maize	Nazia Zaffar, Quaid-i-Azam University Islamabad, Pakistan
26	Structural studies of silver complexes with N,S donor ligands	Dr. Muhammad Imran, University of the Punjab, Lahore.
27	Synthesis and optical study of novel ligands with different transition metals	Hamid Raza, University of Management and Technology Lahore
28	Surfactant Assisted Synthesis of Nanocrystalline Nickel Oxide and its Bioactivities	Zahid Masood, University of Management and Technology Lahore
<u>PHYSICS</u>		
29	Structural and Electrical Properties of Gadolinium Doped Bismuth Telluride	Faiza Arif, Comsats Institute of Information Technology Islamabad
30	Conductivity Enhancement in Ceria-based Composite Electrolyte for IT-SOFC	Rabia Toor, Comsats Institute of Information and Technology, Islamabad
31	Study of Structural and Electrical properties of M-type hexaferrites	Uzma Afsar, Comsats Institute of Information and Technology, Islamabad

32	Synthesis, Structural and Electrical Properties of Nickel-Iron Oxide Nanoparticles for Gas Sensing Applications	Omer Farooq, Comsats Institute of Information and Technology, Islamabad
33	synthesis, structure and properties of Fe doped ZnO nanoparticles	Hajra Khan, University of Management and Technology Lahore
34	Study of electronic properties of SrSnO ₃	Rukhsana Liaqat, University of Management and Technology Lahore
35	Elastic properties of SrTcO ₃ under pressure DFT study	Misbah Firdous, University of Management and Technology Lahore
<u>MATHEMATICS</u>		
33	FACE MAGIC AND ANTI-MAGIC LABELING OF SUBDIVIDED PRISM GRAPH	Shahzad Ahmed, Shahid Zaman, Department of Mathematics, UMT-Sialkot Campus
34	On the Extremal Acyclic, Unicyclic and Bicyclic Graphs for General Platt Index	Faiza Ishfaq, University of Management and Technology, Sialkot
<u>BIO & ENVIRONMENTAL SCIENCES</u>		
36	Evaluating the effect of process parameters on biogas yield and process stability during anaerobic co digestion of cattle manure with green grocery waste in two stage reactor	Muhammad Adil Nawaz Khan, Department of Microbiology, Quaid-i-Azam University Islamabad
37	Production of Thermo-electric Power from Municipal Solid Waste: A Techno-Economic Study of Kasur City, Punjab, Pakistan	Umer Aslam, University of Management and Technology Lahore.

Venue:

Inauguration and Keynote Sessions: UMT Conference Hall

Closing Session: UMT Conference Hall

Parallel Sessions

Mathematics: 3S-46

Physics: 3S-44

Bio & Environmental Sciences: 3S-45

Chemistry: 3S-43