

**CONFERENCE PROGRAM**  
**DAY 01, MONDAY, 22 JANUARY 2018**  
**Inauguration Ceremony**

14:00	Registration
14:20	Guests to be Seated
14:30	Recitation of Holy Quran
14:35	Welcome Address by <b>Prof. Dr. Syed Farman Ali Shah</b> , Chairman
14:40	Inagural Speech on “Green Energy” by <b>Prof. Dr. Suzana Yusup</b> from Malaysia
14:50	Address by <b>Prof Dr Hafeez ur Rehman</b> Dean (Faculty of Engineering)
15:00	Address by: Guest of Honor
15:15	Address by Chief Guest
15:30	Presidential Address by <b>Prof. Dr. Muhammad Aslam Uqaili</b> , Honorable Vice Chancellor, Mehran University of E & T Jamshoro
15:50	Vote of Thanks by <b>Prof Dr Zeenat M Ali</b> Conference Secretary
16:00	<b>Tea Break</b>

**DAY - 1, MONDAY, 22 JANUARY 2018**

Timing	Session – 1 Environmental Engineering		Session - 2 Materials and Applications	
	Session Chair Dr. Mehfooz Soomro	Session Secretary Dr. Shagufta Ishtiaque	Session Chair Prof. Dr. Shahabuddin Memon	Session Secretary Irfan Ahmed Memon
<b>Time: 16:00 – 18:30</b>				
16:30 to 16:45	<b>Key Note Speaker</b> Effect of cathode electrode on performance of Sediment Microbial Fuel Cells <i>By: Mostafa Rahimnejad</i>		<b>Key Note Speaker</b> Solid Oxide Fuel Cells: from Materials Research to Commercialization. <i>By: Prof. John Zhu</i>	
16:45 to 17:00	<b>Key Note Speaker</b> Leaching of phthalate esters from different drinking stuffs and their subsequent biodegradation <i>By: Farah Talpur, Muhammad Surhio, Shafi Nizamani, Hassan Afridi</i>		<b>Key Note Speaker</b> Value Added Product Recovery From Clay Minerals For The Economic Development Of Pakistan - Nagarparker Kaolin Resources <i>By: Suhail A. Soomro</i>	
17:00 to 17:20	<b>Key Note Speaker</b> Annealing studies of Zinc Tin Oxide nanoparticles hydrothermally synthesized at lower temperature <i>By: Muhammad Najam Khan, Joydeep Dutta</i>		<b>Key Note Speaker</b> Development of highly porous carbon Nano composites derived from coconut shell and its in vitro efficacy of ochratoxin A detoxification <i>By: Muhammad Zahoor</i>	
17:20 to 17:30	Absorption potential of charcoal and sand: A Low cost potable <i>By: Asia Neelam, Omm-e-Hany</i>		Electrochemical determination of roxarsone on amberlite XAD-4 modified carbon paste electrode <i>By: Muhammad Waris, Jameel Ahmed Baig, Sirajuddin, Tasneem Gul Kazi</i>	
17:30 to 17:40	Use of Water Quality Indices and Geospatial tools for assessment of Groundwater Quality in Thatta District, Pakistan <i>By: Ghulam Shabir Solangi, Altaf Ali Siyal, Muhammad Munir Babar, Pirah Siyal</i>		Estimation of Water Corrosive and Scaling Nature Using Langelier Saturation Index with Results Validation <i>By: Shaheen Aziz, Talal Ashraf, Ahmed Palari</i>	
17:40 to 17:50	Evaluate the prevalence of intake of essential and toxic metals in childbearing women of Tharparker <i>By: Faiza Korejo, Dr. Tasneem Gul, Dr. Hassan Imran</i>		Synthesis of graphene supported FeAg and its antibacterial activity <i>By: Ayaz Ahmed, Xuong Guo</i>	

17:50 to 18:00	Evaluating the performance of Wastewater Treatment Plant at Steel Mill Karachi <i>By: Ghulam Farooq Rajar, Rasool Bux Mahar, Azizullah Channa, Kundan Kumar</i>	3D electrospinning scaffold for directing stem cell fate <i>By: Rabel Talpur, Aqsa Qambrani, Uzair Abbas</i>
18:00 to 18:10	Development of electro-coagulation unit for wastewater treatment <i>By: Kundan Kumar, Maryam Maqsood, Azizullah Channa, Sheeraz Ahmed Memon, Ayaz Ahmed Mahar</i>	Synthesis of metal oxide nanostructures by low cost solution process for optoelectronics applications <i>By: Muhammad Yasir Khan</i>
18:10 to 18:20	Courtyards as a Solution In Green Architecture To Reduce Environmental Pollution and to Conserve Energy <i>By: Mehwish Soomro, Sabeen Shah</i>	Development of composite catalyst and its catalytic performance in FCC cracking <i>By: Nurudeen Salahudeen, Abdul Karim S. Ahmed</i>
18:20 to 18:30	Comparative study of fruit waste potential for the treatment of synthetic wastewater <i>By: Sajid Hussain Mangi, Sheeraz Ahmed Memon, Khan Muhammad Brohi</i>	Comparative study of silicon nanowire and carbon nanotubes field effect transistors in ballistic transport <i>By: Ayesha Shouqat, Farhan Elahi, Rahila Umer</i>
	Development of environmentally sustainable dye bath formulation for dyeing cotton fabric with reactive dyes <i>By: Kashif Khan, Awais Khatri, Azizullah Channa</i>	Effective Recycling of Commercial multilayer polymer packaging by compatibilization technique <i>By: Muhammad Sadiq, Maryam Sultana, Irshad Ahmed</i>
	Sounding out- handling by-products and waste from slaughterhouse: a case study of Hyderabad <i>By: Ammara Kaynat, Ali Raza Khoso, Aisha Sakrani</i>	Rapid and optimum production of halal gelatin from Ossein Solution using continuous stirred tank reactor <i>By: Muhammad Uzair Haris, Muhammad Alam</i>
	Preservation of Structural Remains at Moenjodaro against the Micro Environmental Degradation especially the infiltration of soluble salts <i>By: Mr. Muhammad Afzal Brohi, Prof Dr. Bhai Khan Shar</i>	Synthesis of Mono and Bi-Metallic Nanocatalysts (NCs) and their applications <i>By: Aamna Balouch</i>
	Occurrence of different organisms in drinking water and its toxicity level <i>By: Bushra Nasir, Faisal Hussain, Zarwish Bhatii and Kazim Tanveer</i>	Heavy Metals Chemistry related with Human Physiological Disorders <i>By: Hasan Imran Afridi, Tasneem Gul Kazi, Farah Naz Talpur</i>
	Analyzing The Effects Of Managed Pressure Drilling On The Rock Mechanics Of Shale Formation <i>By: Ubedullah Ansari, Prof. Dr, Yuanfang Cheng, Dr. Abdul Haque Tunio</i>	Deflouridation of water using Elctrospun Nanofibers <i>By: Aamir Abbasi, Sheeraz Ahmed Memon, Farooq Ahmed, Zeeshan Khatri, Umair Qureshi</i>
	Performance Evaluation of Reverse Osmosis Plants in district Hyderabad <i>By: Muhammad Awais, Rasool Bux Mahar, Azizullah Channa, Kundan Kumar</i>	Disaster of arsenic via ground water of Tharparkar, Sindh <i>By: Professor Tasneem Gul Kazi</i>

**DAY - 2, TUESDAY, 23<sup>rd</sup> JANUARY 2018**

Timing	Session – 3 Materials and Applications		Session -4 Environmental Engineering	
	Session Chair By: Prof. John Zhu	Session Secretary Dr. Yaseen Shaikh	Session Chair Dr. Tufail Sheerazi	Session Secretary Dr. Tajnees Pirzada
<b>Time: 09:00 – 11:00</b>				
09:00 to 09:10	<b>Key Note Speaker</b> <i>Anthranilic Acid Derivatives: Novel Inhibitors of Advanced Glycation End Products (Ages) Formation</i> <i>By: Dr. Iqbal Choudhary</i>		<b>Key Note Speaker</b> Degree of Flocculation and Interparticles Charges of Conditioned Municipal Activated Sludge using Mixed Polymers <i>By: Salam Khadim Hassan Al- Dawery</i>	

09:10 to 09:20	<p><b>Key Note Speaker</b></p> <p>Value Added Product Recovery From Clay Minerals For The Economic Development Of Pakistan - Nagarparker Kaolin Resources</p> <p><i>By: Suhail A. Soomro</i></p>	<p><b>Key Note Speaker</b></p> <p>To Encourage The Higher Usage Of Recycled Concrete Aggregates</p> <p><i>By: Vivian W. Y. Tam, Mahfooz Soomro, Ana Catarina Jorge Evangelista</i></p>
09:20 to 09:30	<p><b>Key Note Speaker</b></p> <p>Polymeric Organic Flocculent: Synthesis, Characterization and its effect on Turbidity removal of river water</p> <p><i>By: Prof. Dr. Zeenat M.Ali</i></p>	<p><b>Key Note Speaker</b></p> <p>Preliminary Study on impact of Nobel Material Electrode on Battery Performance and Corrosion Resistance</p> <p><i>By: Ali Nawaz Sanjrani</i></p>
09:30 to 09:40	<p><b>Key Note Speaker</b></p> <p>Response of Potassium-Use-Efficient Cotton Genotypes to Soil Applied Potassium</p> <p><i>By: Zia-ul-Hassan, M. Arshad, S.M.A. Basra, I. Rajpar, A.N. Shah , S. Galani</i></p>	<p><b>Key Note Speaker</b></p> <p>Hazards And Safety In Chemical Industry</p> <p><i>By: Abdul Razzaq</i></p>
09:40 to 09:50	<p>Bucky Paper – A material that can revolutionize the aeronautical industry</p> <p><i>By: Tanzila Younas, Usama Bin Haq, Arsal Abbas</i></p>	<p>Synthesis of Arsenic tagged tailored polymeric material for remediation of contaminated drinking water</p> <p><i>By: Muhammad Saqaf Jagirani, Aamna Balouch, Sarfaraz Ahmed Mahesar</i></p>
09:50 to 10:00	<p>Preparation, Characterization, and Properties of Polyethylene Composites Partially Filled With Calcium Carbonate through Co-Rotating Conical Twin-Screw Extrusion</p> <p><i>By: Amjad Wahab, Muddasar Habib Amad Ullah Khan</i></p>	<p>Assessment and technology selection for exploiting energy/material from the wasted crop residues and animal manure in taluka Mehrabpur Sindh</p> <p><i>By: Abdul Razzaque, Allah Dino</i></p>
10:00 to 10:10	<p>Fortitude of paracetamol in aqueous solution based on novel magnetic molecularly imprinted polymers (MMIPs)</p> <p><i>By: Sajjad Ali Chang, Abdul Jabbar Laghari, Waqar Ali Chang</i></p>	<p>Essential trace and toxic element distribution in the scalp hair of Pakistani Myocardial infarction patients and control</p> <p><i>By: Hassan Imran Afridi, Tasneem Gul Kazi</i></p>
10:10 to 10:20	<p>Mesoporous Nano-SNO<sub>2</sub> particles with highly porous carbon derived from green microalgae for lithium-ion batteries</p> <p><i>Asif Raza, Abdul Qadeer, In Wook Nah, Joongki Lee</i></p>	<p>Ventilation System: A Tool For Energy Conservation In Homes Of Hyderabad</p> <p><i>By: Sabeen Shah<sup>1</sup>, Mehwish Soomro</i></p>
10.20 to 10:30	<p>Experimental approached of Albumin Based Bioplastic and its properties</p> <p><i>By: Asia Neelam, Shagufta Ishteyaq, Syed Junaid Mahmood, Omm-e-Hany</i></p>	<p>Road Traffic Congestion and Environmental threat to Urban Population in Karachi</p> <p><i>By: Kishan Chand Mukwana, Saleem Raza Samo, Abdul Qayoom Jakhriani, Muhammad Mureed Tunio</i></p>
10:30 to 10:40	<p>Industrial Process for Synthesis of ZnO Powder using Wet Chemical Precipitation Method</p> <p><i>By: Faizan Umer, Mujtaba Hussain, Umair Ahmed, Engr. Muhammad Saqib Iqbal, Dr.Muhammad Yasir Khan</i></p>	<p>Natural Geochemical Conditions Of Aquifer At Downstream Kotri Barrage Hyderabad, Sindh-Pakistan</p> <p><i>By: Yaqoob Iqbal Memon, Imdad Ali Kandhar</i></p>
10:40 to 10:50	<p>Thar water quality improvement with indigenous china clay as adsorbent</p> <p><i>By: Junaid Korai, Manzoor ul Haq Rajput, A. K. Ansari, H. L. Soni</i></p>	<p>Damage analysis of steam generation tubes at LPGCL (Khanote)</p> <p><i>By: Ahmed A. Latif, Dr. D. M. Pathan, Dr. M. I. Abro</i></p>
10:50 to 11:00	<p>Synthesis of flavonoid-tagged imprinted material for the selective extraction of anthocyanin from indigenous fruit and vegetable wastes</p> <p><i>By: Muneeba Zubair, Dr. Aamna Balouch, Dr. Farah Naz Talpur</i></p>	<p>Application of a hazard and operability study method to hazard evaluation of plastic film manufacturing unit</p> <p><i>By: Muhammad Faisal Akhter, Haseeb Hassan, Amjad Saleem, Shagufta Ishteyaque</i></p>
	<p>Development of Sensitive And Selective Electrochemical Sensor For Hydroquinone Using ZnO Nanostructures</p>	<p>Arsenic Removal From An Aqueous Solution Using Waste Tea Fungal Biomass</p>

	<i>By: Sirajuddin, Munazza Arain, Ayman Nafady</i>	<i>By: Muhammad Shuaib Shaikh, Khadija Qureshi, Ashfaq Hussain Pirzada, Zulfiqar Ali Solangi</i>		
	The Analysis Of Estrogen Hormone From Surface And Domestic Wastewater In Hyderabad City <i>By: Ghulam Mustafa siyal, Sheeraz Ahmed memon, Azizullah channa, Rafi-zaman</i>	Looking into key success and/or failure factors of RO (Reverse Osmosis) plants: A case study of Hyderabad district <i>By: Bilal Ali1, Zahid Ali Memon, Asif Ali Shah, Ghulam Ali Rahoo</i>		
	Safety Hazards At Copper-Gold Saindak Mining Project <i>By: Saleem Raza Chalgri, Muhammad Burhan Memon, Agha Mohammad Shafi Pathan, Waqar Hussain Kazi, Fida Hussain Channa</i>	Seasonal Variation and Source Identification of PAHs in Surface Water and Sediment of Pinyari Canal in Hyderabad Region <i>By: Muhammad Hammad Siddiqui, Uzma Imran, Asmat Ullah, Shoaib Ahmed, Razia Begum, Sohail Shaukat</i>		
	CO <sub>2</sub> Adsorption Behavior Of Monoethanolamine, Tetraethylenepentamine And Polyethylenimine Functionalized Si-MCM-41 <i>By: Sohail Ahmed, Anita Ramli, Suzana Yusup, and Muhammad Shuaib</i>	Assessment And Removal Of Cyanide Through Activated Carbon Process, From Effluent Of Iron And Rolling Industries At Site Area Hyderabad <i>By: Arif Hussain Jauto, Sheeraz Ahmed Memon, Azizullah Channa, Bilal Ahmed</i>		
	Drying Of Potato, Okra And Biterguard In Solar Dryer With Temperature Control <i>By: Aisha Kouser, Zulfiqar Ali Effendi, Dr. Shaheen Aziz</i>	Assessment Of Quality Of Water And Sediments At KB Feeder And Mehran University Water <i>By: Azizullah Gabol, Syeda Sara Hassan, Rasool Bux Mahar, Muhammad Hammad Siddiqui, Shoaib Qureshi</i>		
<b>11:00 to 11:30 Tea Break</b>				
<b>Timings</b>	<b>Session – 5 Process Control And Simulation</b>		<b>Session -6 Fuel and Energy</b>	
	<b>Session Chair</b> Mostafa Rahimnejad	<b>Session Secretary</b> Dr. Younis Laghari	<b>Session chair</b> Khalid Mohammed Khan	<b>Session Secretary</b> Dr. Suhail Ahmed Soomro
<b>Time: 11:30 – 13:30</b>				
11:30 to 11:40	<b>Key Note Speaker</b> An Improved Mathematical Model For Computing Power Output Of Solar Photovoltaic Modules <i>By: Abdul Qayoom Jakhriani, Saleem Raza Samo, Shakeel Ahmed Kamboh, Jane Labadin, Andrew Ragai Henry Rigit</i>		<b>Key Note Speaker</b> Review Of ‘Oriels’ As Passive Design Strategy For Energy Efficiency <i>By: Irfan Ahmed Memon, Dr. Sabeen Qureshi, Mehwish Soomro, Sabeen Shah</i>	
	<b>Key Note Speaker</b> Effects of Co formation, no Emission and Static Temperature on combustion of Various Coal Slurry Compositions by using Computational Fluid Dynamics. <i>By: Prof. Dr. Muhammad Suleman Tahir</i>		<b>Key Note Speakere</b> Performance and Emission Analysis of Internal Combustion Engine by using Different Blends of Castor Biodiesel <i>By: M. M. Tunio</i>	
11:50 to 12:00	<b>Key Note Speaker</b> Membrane Technology: An approach towards Process Intensification (PI) <i>By: Saeed Gul</i>		<b>Key Note Speakere</b> Energy Densification of Biomass Using Torrefaction <i>By: Naveed Ramzan, Umair Aslam</i>	
	12:00 to 12:10 Development of Adsorptive Membrane for Removal and Reclamation of Chromium from Tannery Wastewater <i>By: Fayyaz Salih, Najma Memon, Zeeshan Khatri</i>		Baseline study on biodiesel potential of onion waste <i>By: Abdul Rehman Memon, Adnan Ali, Maria Shabeer, Rahat Hayat, Zubair Ali</i>	
12:10 to 12:20	Identifying the Critical Equipments at Lakhra Power plant by applying ABC analysis <i>By: Wali Muhammad Brohi, Dr Dur Muhammad Pathan</i>		Hydro deoxygenation of rubber seed oil over mo/h-y zeolite catalyst for the green diesel production <i>By: Mariam Ameen, Mohammad Tazli Azizan, Suzana Yusup, Anita Ramli</i>	
12:20 to 12:30	To study the Column Hydraulics and analysis of Ordinary Distillation of Close Boiling Hydrocarbons Using ASPEN Plus <i>By: Mujtaba Ashraf, Maham Hussain</i>		Evaluation of Chemical fractionation of selected transition metals before and after burning of coal samples from Lakhra coal field Sindh <i>By: Mustaqeem ur Rahman, Tasneem Gul Kazi, Huma Shaikh</i>	

12:30 to 12:40	Dynamic Simulation of Packed bed Adsorption column for Melanoidins Removal from Distillery Effluent Using Coal fly Ash Adsorbent <i>By: Shoab Ahmed, Syed Farman Ali Shah, Imran Nazir Unar, Kaleemullah Shaikh</i>	Renewable Electricity Generation from Organic Fraction of Municipal Solid Waste in Pakistan <i>By: Asim Ali, Rasool Bux Mahar, Syed Tufail Hussain Sheerazi</i>
12:40 to 12:50	Combined experimental and computational approach for health assessment of engineering components with mechanical and Chemical damages <i>By: Muhammad Kashif Khan, Muhammad Ali Abro</i>	Revamping of Isomerization Unit to Enhance Octane Rating of Light Naphtha To Produce High Octane Gasoline <i>By: Bakhtyar Ahmed, Jahanzaib Khan, Bushra Anwar, Keenjhar Taj</i>
12:50 to 13:00	Electrochemical Determination of Urea using NiCo <sub>2</sub> O <sub>4</sub> Nanoneedles modified Glassy Carbon Electrode <i>By: Sidra Amin, Amber R. Solangi., Zafar Hussain Ibupoto, Alberto Vomiero</i>	Energy And Exergy Analysis Of Unit#2 Of 50MW Of Lakhra Coal Power Plant (FBC) Jamshoro <i>By: Jawed Ahmed Jamali, Abdul Ghafoor Memon, Khanji Harijan</i>
13:00 to 13:10	A Deterministic Mathematical Model for the Optimization of Capacity Constrained Production System <i>By: Karim Bux Indher, Zeenat M.Ali, Shakeel Ahmed Sheikh, Abdul Qayoom Lakhair, Anwaruddin Tanwari</i>	Degradation of di-benzothiophene from coal. Current and future perspective <i>By: Abdul Sattar Jatoti, Shaheen Aziz, Suhail Ahmed Soomro</i>
13:10 to 13:20	Fourier transform infrared spectroscopic quantitation of total transfat in fried vermicilli <i>By: Sarfaraz Ahmed Mahesar</i>	Development of laboratory scale Microbial Fuel Cell for Electricity Generation from Tannery Sludge <i>By: Muhammad Qasim Anwar, Noman Ali Markhand, Muhammad Ayub Ansari, Shohaib Ahmed, Fida Hussain, Abdul Sattar Jatoti</i>
13:20 to 13:30	Selective removal of anions from aqueous system using HTC supported TiO <sub>2</sub> nanoparticles adsorbent <i>By: Benazir Laghari, Aamna Balouch</i>	Effect of pyrolysis biochar addition on the biogas production kinetics of food waste under high organic loading <i>By: Asad Rajput, Munawar Ali, Muhammad Jahanzaib</i>
	Simulation of Particulate Matter 2.5 (PM <sub>2.5</sub> ) from Thermal Power Station Jamshoro by AERMOD Dispersion Model <i>By: Uzma Imran, Kaleemullah Shaikh</i>	An Overview of Unconventional Hydrocarbons <i>By: Temoor Muther, M. Jawad Khan, Hammad Ahmed, Shahnawaz Soomro</i>
	Simulation and Optimization of extractive dividing-wall column for Bioethanol dehydration using Aspen HYSYS <i>By: Mairaj Muhammad, Imran Nazir Unar, Abdul Rehman Memon, Shaheen Aziz</i>	Torrefaction of biomass co-firing with coal <i>By: Tabish Ali Jamali, Ameer Hamza, Abdul Sattar Jatoti, Mohsin Din Indher</i>
	Modeling and optimization of small scale spiral blade vertical axis wind turbine(VAWT) <i>By: Iftikhar Hussain, Muhammad Sharif Jamali, Laveet Kumar Hafeez Khoharo</i>	Washability studies and characterization of Pakistani LVC coal cleans (coking sample) by float – sink tests <i>By: Engr Fahad Mir</i>
	Mitigation of corrosion Problem at NRL to optimize Crude Distillation unit <i>By: Syed Danish Rasool</i>	Solid Waste to Syngas <i>By: Syed Muhammad Ishaq , Asif Ali Khan , M Yasir Khan</i>
	Investigation of Operating Parameters on the Performance of CSTR for Production of Propylene Glycol Using CFD <i>By: Aazad Nizamani, Muhammad Uzair, Imran Nazir, Zulfiqar Ali Solangi, Naveed Koondhar</i>	Study of Kinetic parameters of coal combustion at various condition in Thermogravimetric analysis <i>By: Salah ul Uddin, Imran Nazir Unar, Shaheen Aziz, Khalil u Rahman</i>
	Improvement in Barrier Properties of Low Density Polyethylene Films(LDPE) <i>By: Shagufta Ishteyaque, Aziza Aftab, Arshad Faruqui</i>	Impact of air staged, co-combustion of Quetta coal with rice husk and wood powder on combustion emissions and burnout in a Drop Tube Furnace <i>By: Muhammad Ali, Aiysha Sehrish, Javaid Akhtar, Khurram Shahzad, Shahid Munir</i>



	Synthesis of Naringenin imprinted biocompatible cryogel and its applications <i>By: Aasifa Memon, Ayaz Ali Memon, Huma Shaikh</i>	A Delphi Based Criteria for Ranking the Renewable Energy Resources of Sindh Province for Power Generation <i>By: Zohaib M. Samtio, Nayyar Hussain Mirjat, Pervez Hameed, GorhanDas Valasai, Hira Soomro</i>		
	Evaluation of hydrochar efficiency for simultaneous removal of diclofenac and ibuprofen from aqueous system using surface response methodology <i>By: Tahira Qureshi, Najma Memon, Saima Q. Memon, Abdesadek Lachgar</i>	Coal Gasification Technology and Efficient Utilization of Coal Resources in Pakistan <i>By: Sharafat Ali Mangi, Aakash Luqman Jhatial, Azhar Ali Mangi, Dr. Mazhar Hussain Mangi</i>		
	Simulation of Particulate Matter 2.5 (PM2.5) from Thermal Power Station Jamshoro by AERMOD Dispersion Model <i>By: Uzma Imran, Kaleemullah Shaikh</i>	Enhanced Hydrocarbon Recovery from Gas Condensate Reservoir with High CGR <i>By: Jahangeer Zafar, Suhail A. Soomro</i>		
	Performance Evaluation Of Solar Dryer By Drying Onions <i>By: Zainulabideen, Shaheen Aziz, Aisha Kousar, Rehan Ali, Aziz Ahmed</i>	Hydrolysis of sunflower and cotton seed oil by selected lipases <i>By: Sidra Khan Mahesar, Dr. Farah Naz Talpur, Dr. Aamna Balouch</i>		
	Acid hydrolysis of rice starch, separation and analysis of protein by kjeldahl method from “irri broken rice” <i>By: Basim Ahmed Shaikh</i>	Impacts Of Adulteration Of Low Tax Chemicals In Gasoline <i>By: Hafiz Adeel, Suhail A. Soomro, Shaheen Aziz</i>		
<b>Time: 13:30 – 14:00, Lunch and Prayer Break</b>				
<b>Timings</b>	<b>Session – 7 Bio and Food Sciences</b>		<b>Session -8 Materials and Processing</b>	
	<b>Session Chair</b> Dr. Muhammad Suleman Tahir	<b>Session Secretary</b> Dr. Kishan Chand	<b>Session chair</b> Dr. Ambar Solangi	<b>Session Secretary</b> M. M. Tunio
<b>Time: 14:00 – 16:00</b>				
14:00 to 14:15	<b>Key Note Speaker</b> High-Efficiency Carbohydrate Fermentation for Ethanol Production from Thermophilic Strain of <i>Kluyveromyces Marxianus</i> <i>By: Prof. Dr. Shaheen Aziz</i>	<b>Key Note Speaker</b> Discovery of Novel Urease Inhibitors for Treatment of Peptic Ulcer <i>By: Khalid Mohammed Khan</i>		
14:15 to 14:30	<b>Key Note Speaker</b> Production Of Biofuel From Lignocellulosic Biomass Waste Of Palm Fiber Empty Fruit Bunch <i>By: Shuaib M. Laghari, Zeenat M. Ali, A. J. Laghari</i>	<b>Key Note Speakere</b> Chemical pollution and its effect on Fisheries <i>By: Muhammad Younis Laghari</i>		
14:30 to 14:40	<b>Key Note Speaker</b> Determination Of Sugar And Antioxidant Level In Date Seed Using Spectrophotometric Techniques <i>By: Ghulam Qadir Shar, Ammat-ur-Rehman Soomro</i>	Manganese oxide coated on granular activated carbon for catalytic decomposition of aqueous hydrogen peroxide <i>By: Asif Raza, Danish Altaf, In Wook Nah, In Hwan Oh</i>		
14:40 to 14:50	Nutritional assessment of different lentil varieties for preparation of protein rich biscuits <i>By: A.H. Soomro, G. Saleem, S. A. Sheikh, N. Rashid, S. Khaskhel</i>	Smart Imprinted Materials For Selective Recognition Of Toxic Ions in Aqueous System <i>By: Ameet Kumara, Aamna Baloucha, Ashfaq Ahmed Pathan</i>		
14:50 to 15:00	Estimation of bio methane potential (bmp) through anaerobic co-digestion of buffalo and poultry dung <i>By: Manzoor H.Rajput, Farman A. Shah, Abdul Khaliq Ansari, Abdul Razaque Sahito, Farooq Ahmed</i>	Study of kinetics and mechanism of different iron ores with H <sub>2</sub> as reductant <i>By: A. K. Ansari, H. L. Soni, Zeeshan A Hameed</i>		
15:00 to 15:10	Phytochemical contents of lemon zest as affected by guar gum-based edible coatings enriched by essentials oils for active food packaging <i>By: Ayeza Naeem, Tanveer Abbas, Tahira</i>	Effect of Deformation on Martensite Transformation in Ti-6Al-4V Alloy <i>By: Umair Aftab, Imtiaz Ali Soomro, Aitizaz</i>		

	<i>Mohsin Ali, Abid Hasnain</i>	<i>Ahmed, Arif Ali, Umair Khan</i>
15:10 to 15:20	Biodiesel production from waste fish for sustainable clean energy development <i>By: Zainab Hilal Darook Al-Baloushi, Mr. Ganesh Patel</i>	Green synthesis and characterization of silver Nano particles <i>By: Kishore chand, M.Ishaque Abro, Umair Aftab, Shoukat Ali Noonari and Mukesh Kumar</i>
15:20 to 15:30	Ethanol production from sweet potatoes <i>By: Yousif Ali Sohu Dr. Aziza Aftab</i>	Functionalized UiO-66 Sulfonated ISA Membranes for Gas Separation <i>By: Zaman Tahir, Dr. Asim Laeeq Khan</i>
15:30 to 15:40	Microbial contamination in drinking water and its control <i>By: Faisal Hussain, Muhammad Abid, Iram-us-Salam and Farzana</i>	MOF-5 based mixed matrix membranes for solvent resistant nanofiltration <i>By: Muhammad Raees and Asim Laeeq Khan</i>
15:40 to 15:50	Biodiesel synthesis through efficient heterogeneous MgO nano catalyst <i>By: Saman Sabir, Aamna Balouch, Farah Naz Talpur</i>	Application Of Magnetorheological Fluid For Prevention Of Gas Migration In Cement Slurry <i>By: Hamad Ahmed</i>
15:50 to 16:00	Casein Replacement In Imitation Mozzarella Cheese With Modified Corn Starch (HDP) <i>By: Hadiqa Iqbal, Abdul Rahim Shamim, Maria Ahsan, Sana Abdullah, Tahira Mohsin Ali</i>	Analyzing the impacts of Lean tools and techniques on the efficiency of manufacturing organizations <i>By: Faheem Ahmed, Shakil Shaikh, Tanweer Hussain, Kanwal Zehra</i>
	Production Of Bio-Diesel By Reactive Distillation: Simulation, Analysis & Design <i>By: Muhammad Arsalan and Muhammad Alam</i>	Hydrothermal Carbonization Of Biomass <i>By: Ameer Hamza, Sajid Riaz, Tabish Ali Jamali, Abdul Sattar Jatoi</i>
	Use of Microorganism for Enhanced Coal Bed Methane Recovery can reduce pollution & increase the production <i>By: Sharafat Ali Mangi, Azhar Ali Mangi, Azhar Hulio, Faisal Hussain Memon</i>	Assessment Of Gases Emitting In Lakhra Coal Mines (LCM) <i>By: Fida Hussain, Abdul Razaque, Safiullah Memon, Muhammad Burhan Memon, and Saleem Raza</i>
	Drinking Water Quality Monitoring in Rural Areas of Nawabshah tahsil , and treatment Sindh <i>By: M.A. Noor Zaman, Abdul Raheem Shar and Ghulam Qadir Shar</i>	Study of Hydrodynamic Drag of Different Fluid - Particle Systems <i>By: Shahzad Shaikh</i>
16:00 to 18:00	<b>Concluding Ceremony</b>	

<b>16:30</b>	Guests to be Seated
<b>16:35</b>	Recitation of Holy Quran
<b>16:40</b>	Report of Confernece with Rekommondations by <b>Prof. Dr. Zeenat M. Ali</b> (Conf. Secretary)
<b>16:50</b>	Comments by Prominent Participants
<b>17:00</b>	Address by Guest of Honor, <b>Mr. Amin Rajput</b> , Managing Director (SSGC)
<b>17:10</b>	Address by Chief Guest, <b>Mr. Syed Sardar Ali Shah</b> , Minister for Culture and Tourism for Govt. of Sindh.
<b>17:25</b>	Presidential Address by <b>Prof. Dr. Muhammad Aslam Uqaili</b> , Honorable Vice Chancellor, Mehran University of E & T Jamshoro
<b>17:35</b>	Distribution of Certificates & Souvenirs.
<b>17:50</b>	Vote of Thanks by <b>Prof. Dr. Syed Farman Ali Shah</b> (Confernece Chairman).
<b>17:55</b>	Refreshment