



Conference Program

DAY 01, Tuesday, 28 February 2017

10:00 – 11:30 INAUGURATION CEREMONY

AUDITORIUM – MAIN HALL

TIME	SCHEDULE	TIME	SCHEDULE
09:00	Registration	10:25	Address by Chief Guest
09:50	Guests to be Seated	10:40	Presidential Address by Prof. Dr. Mohammad Aslam Uqaili, Vice Chancellor, MUET, Jamshoro
10:00	Recitation of Holy QURAN	11:00	Vote of Thanks by Prof. Dr. Syed Farman Ali Shah (Conference Secretary)
10:05	Welcome Address by Prof. Dr. Muhammad Moazam Baloch (Conference Chairman)		
10:15	Address by Prof. Dr. HafeezurRehman Memon, Dean faculty of Engineering		

11:30 – 12:00 HI-TEA

12:00-14:30 TECHNICAL SESSION-1

Technical Session A Auditorium (Main Hall)		Technical Session B Auditorium (Lobby Room)		Technical Session C Central Library (Conference Room)	
Session Chair: Prof. Dr. Ali Ihsan Arol Session Secretary: Prof. Dr. Khadija Qureshi		Session Chair: Engr. Abdul Razzaq Session Secretary: Prof Dr Suhail A Soomro		Session Chair: Prof. Dr. Aneel Kumar Session Secretary: Dr. Awais Khatri	
<i>Keynote Speaker</i> (12:00-12:15)	Preparation and electromagnetic behaviors of the core/shell multiple nanostructures and composites Prof. Dr.Xinglong Dong	<i>Keynote Speaker</i> (12:00-12:30)	Electrochemical Pretreatment of Waste Activated Sludge Using Ti/RuO ₂ Electrodes Gan Chin Heng, Mohamed Hasnain Isa	<i>Keynote Speaker</i> (12:00-12:30)	Smart Textiles: From energy harvesting to cancer detection Tahir Shah, Navneet Soin and Sergey Vesnin
<i>Keynote Speaker</i> (12:15-12:30)	Effects of Oxygen Flow Rate in Fully Controlled Bioreactor For Ethanol production from Molasses Prof Dr. Shaheen Aziz	<i>Keynote Speaker</i> (12:15-12:30)	Production of Bio-ethanol from Potatoes/ Waste Potatoes Aziza Aftab, Syed Farman Ali Shah, Naresh Kumar, AlamgirChanna	<i>Keynote Speaker</i> (12:15-12:30)	Auxetic woven composites with enhanced mechanical properties Mumtaz Ali, Yasir Nawab, Muhammad Zeeshan, Aima Sameen Anjum
[NM-02] (12:30-12:45)	Voltammetric Determination of Fentin Hydroxide Using a Cepadine Capped Gold Nanoparticles Modified Glassy Carbon Electrode in Real Water Samples Safia Sanam Memon, Sirajuddin, Amber R.Solangi	[BIO-02] (12:30-12:45)	Influence of Agarose on Bio-Electricity Generation From Paper Industry Waste Water Using MFC Abdullah Khan, Abdul SattarJatoi, Hidayatullah Mahar, Muhammad Siddique	[TEX-02] (12:30-12:45)	Shape Memory Polymers and Their Composite for Structural Applications Muhammad Zeeshan, Mumtaz Ali, Aima Sameen, Syed Talha Ali Hamdani, Yasir Nawab
[NM-03] (12:45-13:00)	Highly sensitive, selective and stable voltammetric sensor for paracetamol drug based on piroxicam derived nanoparticles Syeda Sara Hassan, Sirajuddin	[BIO-03] (12:45-13:00)	Bioremediation of Lambda-Cyhalothrin (Pesticide), Paint Effluents and Oils by Indegenous Bacterial Strains Nisar Ahmed Kanhar, Muneer Ahmed Qazi, Anwar Hussain Phulpoto	[TEX-03] (12:45-13:00)	Improvement of anti-microbial activity by natural finishes prepared from peel of citrus fruits for cotton fabric Syed Qutab, Qasim Siddiqui and RehanAbbasi
[ENV-01] (13:00-13:15)	Waste Water Treatment Using Cuprous Oxide Nanomaterials Asar Ahmed	[BIO-04] (13:00-13:15)	Potential of Algal Biomass for Electricity Generation Using Environment Friendly MFC Muhammad RizwanSuleman, Abdul Waheed Bhutto, Abdul SattarJatoi	[TEX-04] (13:00-13:15)	The polyelectrolyte behavior of cellulose solutions in N,N-dimethylacetamide and lithium chloride Zubair Khaliq, Muzammil Mehmood, YasirNawab
[ENV-02] (13:15-13:30)	Review on the Role of Sustainability techniques in development of Green Building Ubaid urRahman, MuhammadTouqeer , M yasirSadiq	[BIO-05] (13:15-13:30)	Biodegradation of Used Engine Oil by Indigenous Bacillus Strains Inam Ali Larik, Anwar Hussain Phulpoto, ShahidaMangi, Muneer Ahmed Qazi, Nisar Ahmed Kanhar	[ENV-07] (13:15-13:30)	Synthesis, x-ray analysis and antibacterial study of silver complex with ethyl-5-hydroxy-2oxo-2H-Chromene-3-carboxylate Zulfiqar Ali, Hajira Rehman, Tanzeela Gulab Shahzady, Amin Abid, Habib Hussain, ImdadHussain
[ENV-03] (13:30-13:45)	Removal of Toxic Heavy Metals (Lead, Cadmium, Chromium) From Industrial Waste Water By Using ELM (Emulsion Liquid Membrane) Aamir Babar, Muhammad Saleh, Shabeersamejo, MehboobDetho, Hammad Dharejo, WaqasPanhwar, GhaffarKalhor	[BIO-06] (13:30-13:45)	Cost Effective designing and fabrication of Bio Sand Filter Syed Owais Shah, Naresh Kumar , Syed farman Ali Shah	[ENV-08] (13:30-13:45)	Experimental training and testing setup for the heat pumping system Abid Karim, Saeed-ul-Hassan Naqvi, Shaguftalshiyaque, Shaikh Kamaludina, Arif Karim, Abdul Rasheed Solangi, RabiaKaneez, Ahmed Abouesayed, Faisal Ghanzanfar
[ENV-04] (13:45-14:00)	Agriculture Waste as Absorbent For Removal of Toxic Metal Ions Mir Munsif Ali Talpur, TajneesPirzada, Rabia Shaikh	[BIO-07] (13:45-14:00)	Antimicrobial Susceptibility Profile and Prevalence of Escherichia coli, Isolated from Public and Private Health Care Units, Pakistan ShahidaMangi, Anwar Hussain Phulpoto, Muneer Ahmed Qazi, Nisar Ahmed Kanhar	[ENV-09] (13:45-14:00)	Fluoride Contamination in Ground Water and It's Hazards to Human Health Abu Umeer, Awais Ahmed Jamali
[ENV-05] (14:00-14:15)	Synthesis and Environmental Friendly Applications of Orange Peel Powder (OPP) used for the Removal of selected Azo-Dyes Sajjad Ali Chang, Waqar Ali Chang	[BIO-08] (14:00-14:15)	Characterization of Saprophytic Actinomycetes for the New Drug Discovery Mir Khater Ali, Anwar Hussain Phulpoto, Muneer Ahmed Qazi, ShahidaMangi, and Nisar Ahmed Kanhar	[ENV-10] (14:00-14:15)	Physico-Chemical Analysis of Natural Spring "Lakho Peer" Water of District JhallMagsi, Balochistan Farhan Ahmed, Khadija Qureshi, Inamullah Bhatti, Mohammad Khalid
[ENV-06] (14:15-14:30)	Soil Improvement by Utilizing Natural Fiber Material: Jute Fiber Abdul Razzaq Memon, Aneel Kumar, Ghous Bux Khaskheli, Ali Raza Khoso	[BIO-09] (14:15-14:30)	FT-IR Spectroscopic Characteri-zation of Humic Acids in Agriculture Soils of District Khairpur, Sind Pakistan TajneesPirzada, Mir Munsif Ali Talpur	[ENV-11] (14:15-14:30)	Role of Vermamoebavermiformis in controlling Serratiamarcescens, a nosocomial bacterial pathogen Sham Lal, Nisar Ahmed Kanhar, Anwar Hussain Phulpoto



14:30 – 15:30 LUNCH & PRAYER BREAK

15:30 to 18:00 TECHNICAL SESSION-2

Technical Session A Auditorium (Main Hall)		Technical Session B Auditorium (Lobbying Room)		Technical Session C Central Library (Conference Room)	
Session Chair: Dr. Ghasem D. Najafpour Session Secretary: Dr. Shaheen Aziz		Session Chair: Prof. Dr. Mohamed Hasnain Isa Session Secretary: Dr Inamullah Bhatti		Session Chair: Prof. Dr. Tahir Shah Session Secretary: Dr. Sheeraz Ahmed	
Keynote Speaker (15:30-15:45)	<i>Utilization of Mineral Wastes as Alternative Raw Materials</i> Prof. Dr. Ali Ihsan Aral	Keynote Speaker (15:30-15:45)	<i>Lightweight Materials – Aluminum Foam</i> Dr. Saeed Badshah	Keynote Speaker (15:30-15:45)	Potential of indigenous Nagarparker kaolin as a value added product for industrial applications Prof Dr Suhail A Soomro
Keynote Speaker	Filter Cake Disc for Water Purification Prof DrKhadija Qureshi	Keynote Speaker	Handling Extremely Dangerous Chemicals Engr.AbdulRazzaq	[TEX-05] (15:45-16:00)	Synthesis and fabrication of highly electrocatalytic active cationic functionalized MWCNT electro catalyst for efficient quasi solid state dye sensitized solar cell Alvira Ayoub Arbab, Mazhar Hussain Peerzada, Iftikhar Ali Sahito and Sung Hoon Jeo
[ENV-13] (15:45-16:00)	Synthesis of Metal Oxide Nano Structures by Low Cost Solution Process for Optoelectronics Applications. Muhammad Yasir Khan	[BIO-11] (15:45-16:00)	Fermentation Studies Under Controlled Environment by Potential Indigenous Strain Kluye Production of Enzymatic Bio Mass Abdul QadeerLaghari, Shaheen Aziz, Farman Ali Shah, Arshad Iqbal Jarwar	[TEX-06] (15:45-16:00)	Development and absorbency characterization of honey coated alchite fibers for burn wound dressings Muzammil Mehmood, Rashid Masood and Zubair Khaliq
[ENV-14] (16:00-16:15)	Preparation of Phospho-Sulpho-Nitro Compost (PSNC) Using Cron Waste, Rice Straw and Manure and Its Characterization Mohammad Khalid Marri, Inamullah Bhatti, Khadija Qureshi, Farhan Ahmed	[BIO-12] (16:00-16:15)	Thermal Characterization of Coal-Biomass for Optimized Gasification Shitab Ali, Suhail A. Soomro, Shaheen Aziz, Razia Begum	[TEX-07] (16:00-16:15)	Fabrication of humidity sensor based on ZnOnanorods Muhammad Usman, Jafar Khan Kasi, Ajab Khan Kasi and Muzamil Ali
[ENV-15] (16:15-16:30)	Advanced Energy Conversion Devices: A Potential Solution for Energy Crises DrRizwan Raza	[BIO-13] (16:15-16:30)	Effect of Nitrogen Purging on Gravimetric analysis of Lignocellulosic Biomass Sundus Saeed, Abdul RazzaqueSahito	[TEX-08] (16:15-16:30)	Photochromic polycaprolactone (PCL) electrosponfibres mats Shamshad Ali, Farooq Ahmed, Zeeshan Khatri and Seong Hun Kim
[ENV-16] (16:30-16:45)	Extended Multidrug Resistance Pattern of Bacterial Pathgens Isolated From Medical Waste Syed Fiaz Hussain, Mumtaz Ali Saand, Muneer Ahmed Qazi, Anwar Hussain Phulpoto, Mir Khater Ali, Shoukat Ali Wassan, Nisar Ahmed Kanhar	[BIO-14] (16:30-16:45)	Bioleaching of Sulfur from Coal Through Microbial Action. A Review Abdul SattarJatoi, Shaheen Aziz, SuhailAhemd Soomro	[TEX-09] (16:30-16:45)	Synthesis of highly porous TNTs and their application in Dye-sensitized Solar Cells Muhammad Bilal Qadir, Kyung Chul Sun, Iftikhar Ali Sahito, AlviraAyoubArbab, Sung HoonJeong
[ENV-17] (16:45-17:00)	Conversion of Waste Plastic Material Into Energy: A Review Paper Salman Rasheed, Suhail Ahmed Soomro, Shaheen Aziz, Abdul SattarJatoi	[BIO-15] (16:45-17:00)	Design and Fabrication of Simple Lab Scale Apparatus for Measurement of Biogas Quality Uroosa Tagar, Abdul RazaqueSahito, SundusSaeeda, Imtiaz Lashari	[TEX-10] (16:45-17:00)	Development of Highly Flexible Carbon Nanofibers for Energy Applications Aijaz Ahmed Babar, Nousheen Iqbal, Xianfeng Wang and Bin Ding
[ENV-18] (17:00-17:15)	<i>Energy Harvesting and Treatment of Wastewater Using MFC Technology at Lab Scale</i> Muhammad Salman Nasir, Abdul Nasir, Iqraayub, Muhammad Uzair Qamar	[BIO-16] (17:00-17:15)	Production of Solid Bio-Char and Liquid Bio-Oil Fuel by Catalytic Reaction of Cotton Sticks Muhammad AzamUsto, Ahmed Husain, Abdul SattarJatoi, Aamir Raza	[TEX-11] (17:00-17:15)	A Systematic approach to find the effect of temperature, heating time, concentration and particle size on the gel spinning process of UHMWPE Abdul Waqar Rajput and Usman Ali
[NM-02] (17:15-17:30)	<i>Fabrication of highly-advanced functionalised metal oxide nanostructures and their application in the development of sensitive electrode-based sensor systems</i> Razium Soomro, Keith Richard Hallam, RamadanOzturk and Siraj Uddin	[BIO-17] (17:15-17:30)	Conventional techniques available for the removal of excess fluoride from drinking water Zeeshan Ahmed, ShahzainTunio, Ghulam Yaseen	[MC-01] (17:15-17:30)	Critical Review on Electrode Material for Increasing Performance of Microbial Fuel Cell for Electricity Generation RaeesPatela, Abdul SattarJatoi, Shaukat Ali Mazaria
[NM-03] (17:30-17:45)	<i>Temperature Dependent Synthesis of Highly Efficient and Size Tunable Inp(Zn)/Zns Quantum Dots</i> M. Younis Talpur, Syeda Sara Hassan	[BIO-18] (17:30-17:45)	Chicken Eggs: A Source for Multi Drug Resistant Salmonella enterica, isolated and Characterized at Khairpur, Pakistan Asif Raza Kanhar, Anwar Hussain Phulpoto, Muneer Ahmed Qazi, Nisar Ahmed Kanhar, Abdul Hussain Shar	[MC-02] (17:30-17:45)	<i>Synthesis and Characterization of Biodegradable Composite Films Reinforced With Jute Fibers</i> Muhammad Sohail, Humair Siddiqui, Alidad Chandio, SarimAlam Rizvi, Wasay Ahsan, Ahsan Javed, Muhammad Yasir Khan, Rafiq Ahmad
[NM-04] (17:45-18:00)	MnO Thin Film and MnO Nanoparticles Assembly Hybrid Device Memory Characteristics HaiderAbbas,YawarAbbas,Mi Ra Park, QuanliHu,NamJoo Lee, Tae-Sik Yoon and Chi Jung Kang	[BIO-19] (17:45-18:00)	Pyrethroid Insecticide lambda-cyhalothrin: Ex-situ Degradation by SerratiaMarcescens strain (S1a) Isolated from Cotton Crop Fields Waheed Ahmed Ghumro, Anwar Hussain Phulpoto, ShahidaMangi, Muneer Ahmed Qazi, Nisar Ahmed Kanhar	[MC-03] (17:45-18:00)	Performance Evaluation of Controlled and Modified Asphaltic Course. (M-9 Construction) Waqas Akhtar, Naeem Aziz Memon and Aneel Kumar

18:00 HI-TEA

DAY 02, Wednesday, 01 March 2017

09:00-11:30 TECHNICAL SESSION-3

Technical Session A Auditorium (Main Hall)		Technical Session B Auditorium (Lobbying Room)		Technical Session C Central Library (Conference Room)	
Session Chair: Prof. Dr. Xinglong Dong Session Secretary: Dr. Shagufta Ishtique		Session Chair: Dr. Mairaj M. Jan Session Secretary:Dr. Sirajuddin Khan		Session Chair: Prof. Dr. Ishaque Abro Session Secretary: Dr. Zubair Ali	
Keynote Speaker (9:00-9:15)	Role of Chemical Engineers in Application of Bioscience Fundamentals in Bioprocesses Ghasem D. Najafpour	Keynote Speaker (9:00-9:15)	<i>Impact of advanced energy conversion technologies on future energy conservation</i> Ghazanfar Abbas	Keynote Speaker (9:00-9:15)	Composition of a Riot Helmet Bilal Zahid



Keynote Speaker	Innovative Method to Prepare A Stable Emulsion Liquid Membrane for High CO₂ Absorption and Its Performance Evaluation for a Natural Gas Abdul Waheed Bhutto, Inamullah Bhatti, Khadija Qureshi, KhairulSozana Nor Kamarudin	Keynote Speaker	Material Selection for Petroleum Industry Engr. Yousuf Memon	Keynote Speaker	Coal Slurry (CS) as an alternative Fuel with enhanced combustion efficiency and Utilization of low Rank Pakistani Coal Prof Dr Suleman Tahir
[MC-05] (09:15-09:30)	Raman and Electron Diffraction Studies of Li_xAg_{1-x}(Nb_{0.5}Ta_{0.5})O₃ Perovskites Hidayat Khan	[MS-01] (09:15-09:30)	Aerodynamic Forces Calculation on Wind Turbine Blades Using Hybrid Model Asif Memon	[TEX-13] (09:15-09:30)	Manufacturing of 3-Dimensional weaving machine and fabric thereof Aftab Ahmed, Iftikhar Ali Sahito, Mazhar Hussain Peerzada
[MC-06] (09:30-09:45)	Morphological and element analysis of particulate matter in an urban environment Khan Alam, Saira Bibi, Shahid Ali	[MS-02] (09:30-09:45)	Synthesis and Characterization of Barium Doped Ceria (BDC) Nano-Composite Material Mukesh Kumar, RehanLaghari, M. M Baloch, M. I Abro and Ghazanfar Abbas	[TEX-14] (09:30-09:45)	Fabrication of highly bendable and durable 2D and UD Kevlar woven fabrics for high performance application Ashfaqe Ahmed Laghari, Mazhar Hussain Peerzada and AlwiraAyoubArbab
[MC-07] (09:45-10:00)	Shape Memory Titanium Alloys Abdul Wadood, SamanWaqar	[MS-03] (09:45-10:00)	Upgradation of Cyclone Separator through Simulation and Modeling In Fluent Naresh Kumar, Farman. A Shah, Imran. N Unar, Aziza. A Memon	[TEX-15] (09:45-10:00)	Effect of crimp on the mechanical properties of Kevlar woven fabric Nadir Ali Rind, Mazhar Hussain Peerzada, Aijaz Ahmed and Aftab Ahmed
[ENV-19] (10:00-10:15)	Analysis of the Variations Effects on the Drag Coefficients Values by using Different Size of Spherical Particles Hafiz AneesRehman, Dr. Syed Farman Shah, A Nasir Laghari, Abro Masroor	[MS-04] (10:00-10:15)	Effect of Natural Polymer (Corn Starch) As an Additive on the Drilling Fluid for Effective Rheological Behavior to Lift the Drill Cuttings Efficiently Amir Mawia Siddiqui, Suhail Ahmed Soomro	[TEX-16] (10:00-10:15)	Temperature Control Fabric by Using ChemeleonThermochromic Pigment FidaurRehmanAbbasi, Uzma Syed, Ashfaqe Ahmed Laghari, Rabia Almas Arain
[ENV-20] (10:15-10:30)	Design of Bifunctional Metal-Acid Mesoporous Montmorillonite Catalysts for One Pot Menthol Synthesis From Citronellal Hydrogenation Abdul Karim Shah, Yeung Ho Park	[MS-05] (10:15-10:30)	Development Strategies for Unconventional Tight Gas Sand Reservoir TemoorMuther, Naveed Ahmed Ghirano, SaleemQadirTunio	[POL-01] (10:15-10:30)	Synthesis and characterization of Selective magnetic molecular imprinted polymers Sabir Khan a, Sajjad Hussain a,b, Maria Isabel Pividori c and Maria Del Pilar Taboada Sotomayor
[ENV-21] (10:30-10:45)	Modified Process for Removal of Unfermentable Sugar into Fermentable Sugar With Increasing Production Of Industrial Alcohol Using Enzyme Zymoose Muhammad Saqib Hussain, Abdul SattarJatoi, Shaheen Aziz, Suhail Ahmed Soomro	[MS-06] (10:30-10:45)	Drilling Through Natural Gas Hydrates under Stabilized Bottom Hole Conditions Ubedullah Ansari, Yuanfang Cheng	[POL-02] (10:30-10:45)	Preparation and Characterization of Mixed Matrix Membrane (MMM) of Polyvinyl Chloride (PVC) and Titanium-dioxide (TiO₂) for Water Desalination Muhammad Sadiq
[ENV-22] (10:45-11:00)	Fabrication of an Arsenic Treatment Unit for Contaminated Groundwater Samples Abdul QayoomJakhriani, Ahmed Ali Sohu, Noor Zaman Shar	[NM-06] (10:45-11:00)	Interplay of molecular dynamics in tuning optical properties of quantum confined CdS systems Samia Aslam, Faiza Mustafa, Ayesha Jamil	[POL-03] (10:45-11:00)	Isoniazid drug Stability with Molecular Imprinted Polymers method Development through Fourier Transform Infrared Spectroscopy (T.Q Analyst) and Comparative Study with UV-Spectrophotometer Sajjad Ali, Abdul JabbarLaghari, Waqar Ali
[ENV-23] (11:00-11:10)	Removal of Sulfur from Fossil Fuel by Electrochemical Desulfur-ization. A Review Haasan Abbas, Azmeer Ali, Abdul SattarJatoi, Muhammad AzamUsto	[NM-07] (11:00-11:10)	Synthesis and Characterization of Graphene Nano-Sheets Vinod Kumar, Mukesh Kumar, Umair Aftab, Muzafar Ahmed and Abdul Hanan	[POL-04] (11:00-11:10)	Sorption Behavior Of Newly Synthesized Poly[5, 5'- Methylene-Bis(2-Hydroxybenzaldehyde) 1,2 Propylenediimine] Resin For Different Metal Ions Ambreen Shah, Muhammad YarKhuhawar, G. Zuhra Memon
[ENV-24] (11:10-11:20)	Bioremediation of Soil Pollutant: Oil-Based Paints by Indigenous Bacillus Subtilis Strain KU872853 Anwar Hussain Phulpoto, Muneer Ahmed Qazi, ShahidaMangi, Sham Lal, Nisar Ahmed Kanhar	[NM-08] (11:10-11:20)	Synthesis, characterization and application of NiO nanofibers Muhammad Iqbal and Sajid Khan	[POL-05] (11:10-11:20)	Development and Characterization of Super Absorbent Polymer Composite using Nano Clay Memon Muddassir Ali, Baloch M. M, Akhtar Wasim
[ENV-25] (11:20-11:30)	Hydrothermal Carbonization of Date Palm Seeds Muhammad AzamUsto, Abdul Hameed Memon, Ahmed Hussain, Abdul SattarJatoi	[NM-09] (11:20-11:30)	Numerical Analysis of 2-Stage Downdraft Entrained Flow Gasifier Via CFD Simulation AlamgirChanna, Imran NazirUnar, Abdul Samee Memon, Naresh Kumar	[POL-06] (11:20-11:30)	Synthesis and Characterization of GO/RGO Polymer Composite Vinod kumar, Umair Aftab, Junaid Ahmed, Shahwaiz Saeed and Muzafar Ahmed

11:30 – 12:00 HI-TEA

12:00-14:30 TECHNICAL SESSION-4

Technical Session A Auditorium (Main Hall)		Technical Session B Auditorium (Lobbying Room)		Technical Session C Central Library (Conference Room)	
Session Chair: Abdul Waheed Bhutto Session Secretary: Prof Dr. Suhail A Soomro		Session Chair: Dr. Ghazanfar Abbas Session Secretary: Dr. A.D. Chandio		Session Chair: Dr. Bilal Zahid Session Secretary: Dr. Sheeraz Ali Memon	
Keynote Speaker (12:00-12:15)	Design of Metallurgical Constituents for Enhancing Power Transmitting Efficiency of Automotive Axles. Ishaque Abro M.	Keynote Speaker (12:00-12:15)	Study of the undercoating defects of API5L X46 underground pipe segment of northern gas transmission pipeline Mairaj M. Jan	Keynote Speaker (12:00-12:15)	Textile Wastewater Treatment by using Photocatalytic Technique Shaguftalshiaque, Wasi Z Khan, ImadNajeeb
[BIO-21] (12:15-12:30)	Mitigation of Organic Shock Loads Effects Using Ion Exchange Resins In A Submerged Anaerobic Membrane Bioreactor (SAMBR) Aurangzeb Akrama, Sadiq Hussain, Hidayatullah Mahar, Mahmood Saleem, KhurramShahzad, Kim Dam-Johansen, David C. Stuckey	[MC-09] (12:15-12:30)	Residual Stress Study of Nickel Aluminide Coatings Deposited By In-Situ Chemical Vapour Deposition Method A.D. Chandio, P. Xiao	[TEX-18] (12:15-12:30)	Assessment of the Environmental and Health Issues related to the local Textile Cottage industry of Ajrak Raja Fahad Qureshi, Khadija Qureshi, Inamullah Bhatti and Zeeshan Khatri
[BIO-22] (12:30-12:45)	Sulfur Removal By Means Of Co-Combustion of Coal and Biomass Through Emissions. A Review Abdul Faheem Bhayo, Mohammad Siddique, Syed Farman Ali Shah, Abdul SattarJatoi	[MC-10] (12:30-12:45)	Effect of organic solvent on physico-chemical properties of silica aerogel synthesized via ambient pressure drying process I. A Soomro, M. I. Abro, M. M Baloch, A. R Jamali, Mukesh Kumar	[TEX-19] (12:30-12:45)	Colored polyurethane (PU) nanofibres mats Awais Khatri, Shamshad Ali, Abdul Khaliqehatjal and Seong Hun Kim



[BIO-23] (12:45 - 13:00)	Biofuel Production from Non-Finished Sources (Renewable Sources). A Review Syed Osama Ali , Muhammad Siddiq Tariq, Abdul SattarJatoi	[MC-11] (12:45 - 13:00)	Optimization of Themro-Mechanical Properties of High Alumina and Low Alumina Monolithic Refractory Castables for Industrial Application Shafique Ahmed Lashari	[TEX-20] (12:45- 13:00)	Conductive Cotton Fabric Electrode Coated with Graphene Nanosheets Iftikhar Ali Sahito, Kyung Chul Sun, AlviraAyoubArbab, Muhammad Bilal Qadir, Yun Seon Choi and Sung HoonJeong
[BIO-24] (13:00 - 13:15)	Impact of Wooden Ash Amendments on Physical and Chemical Properties of Desert Soil R.K. Soothar, S.M. Kori, A. Kumar, M. Sharma and O.P. Soothar	[MC-12] (13:00- 13:15)	Physiochemical Analysis for Zeolite Synthesis Sooraj Kumar,, Suhail A. Soomro, Shaheen Aziz, Shusheel Kumar	[TEX-21] (13:00- 13:15)	Use of Aloevera Gel as the Replacement of Synthetic Thickener in Pigment Printing of Cotton Fabrics Abdul KhaliqJhatail, Nadir Ali Rind, Abdul Sami Ibpupoto
[BIO-25] (13:15 - 13:30)	Lactic Acid Bacteria for Production of Various Biochemical and Pharmaceutical Molecule Muhammad Ibrahim Rajoka, Zubair Ibrahim	[MC-13] (13:15- 13:30)	Preparation and Characterization of Activated Carbon from Thar Coal with Phosphoric Acid Mansoor Ahmed, Shaheen Aziz, Abdul Rehman, Suhail A. Soomro	[TEX-22] (13:15- 13:30)	Dyeing of Lyocell Fabric with Vat Dyes by Microwave Technique Rashid Hussain Memon and Uzma Syed
[MS-07] (13:30- 13:45)	Model Based Approach to Revive The Loaded Up Wells Through Micro-Tubing Soap Injection In Sindh Region Amir Mawia Siddiqui, Suhail Ahmed Soomro, Ubedullah Ansari, SaleemQadirTunio, TemmorMuthar, Hassan Aziz	[MC-14] (13:30- 13:45)	Analyzing the effect of changing RAH seal material on the heat rate improvement of 210-MW unit Syed Amjad Ali Shah, Tanweer Hussain, Umair Aftab	[TEX-23] (13:30- 13:45)	Rapid pad batch dyeing of lyocell fabric with reactive dyes Aijaz Ahmed Babar, Mazhar Hussain Peerzada, Abdul KhaliqJhatail and Nadir Ali Rind
[MS-08] (13:45- 14:00)	Modeling of Hydraulic Fracture with Proper Selection of Fracturing Fluid & Proppant in a Tight Gas Sand Reservoir TemoorMuther, Naveed Ahmed Ghirano, SaleemQadirTunio, M. Jawad Khan	[MC-15] (13:45- 14:00)	Development and Characterization of Oil Absorbent Material using Rice Husk Muhammad Moazam Baloch and Muddassir Ali Memon	[TEX-24] (13:45- 14:00)	Mechanical and Dielectric Properties of Hybrid Polymer Nanocomposites Ahmad Nawaz Khan
[MS-09] (14:00- 14:10)	A Sequential Modeling for the Transport of Alazrine Yellow across Polymer Inclusion Membrane using Calixarene Derivative Fozia T. Minhas, GulsinArslan, Mustafa Ersoz	[MC-16] (14:00- 14:10)	Effect of Food and Beverages on Physical and Mechanical Behavior of Dental Restorative Materials Qureshi Ayatullah, M. Moazam Baloch and Umair Aftab	[ENV-26] (14:00- 14:10)	EEE-waste Recycling Management: A Review Rohit Sharma, Muhammad Ishaque Abro, Peerji Rajput, Mukesh Kumar and Umair Aftab
[MS-10] (14:10- 14:20)	Computational Modeling for Arsenic Removal from Ground Water Sikander M. Almani, Khadija Qureshi, Imran NazirUnar and Abdul Samee Memon	[POL-07] (14:10- 14:20)	Synthesize, Characterization of Commercially Important Newly Fabricated Nanocomposite Polymeric Materials And Their Applications Shafique A Arain, Attaullah Soomro, Bhjanlal, Sajjad Soomro, KaneezNargis, Zaib Soomro	[ENV-27] (14:10- 14:20)	Environment Friendly Inhibitors for Corrosion Protection of Metals and Alloys: An Overview Santosh Kumar, Mukesh Kumar and Umair Aftab
[MS-11] (14:20- 14:30)	Model Based Approach to Select the Optimum Tubing Size to Revive the Loaded Up Wells through Micro-Tubing Soap Injection in Sindh Region Amir Mawia Siddiqui, TemmorMuthar, Ghazala AkberJamali, Suhail Ahmed Soomro, Ubedullah Ansari	[POL-08] (14:20 - 14:30)	Highly Selective Ion-imprinted Polymers for Recognition and Separation of Metal Ions G. ZuhraMudassir, Sumerasarwer, Ambreen Shah	[ENV-28] (14:20- 14:30)	The Effect of Polyvalent Metal Ions on Zeta Potential Study of Hematite, Quartz, Kaolinite, Calcite and Fluorapatite Minerals A.J. Laghari, M.I. Abro, Umair Aftab, M.M.Baloch and S.A. Channa

14:30 – 15:30 LUNCH & PRAYER BREAK

15:30 – 16:30 CONCLUDING CEREMONY

AUDITORIUM – MAIN HALL

TIME	SCHEDULE
15:30	Guests to be Seated
15:35	Conference Report by Prof. Dr. Syed Farman Ali Shah (Conference Secretary)
15:50	Address by Guest of Honor

TIME	SCHEDULE
16:00	Address by Chief Guest
16:10	Presidential Address by Prof. Dr. Mohammad Aslam Uqaili, Vice Chancellor, MUET, Jamshoro
16:20	Vote of Thanks by Dr. MazharHussain Peerzada (Conference Co- Secretary)

16:30 HI-TEA

DAY 03, Thursday, 02 March 2017

TIME	SCHEDULE (GROUP A)
09:00	Departure (Historical Place)
11:00	Arrival at place
01:00	Departure for MUET
03:00	Lunch (at MUET)

TIME	SCHEDULE (GROUP B)
10:00	Seminar On Professional Development in Chemical Engineering
03:00	Lunch

Organized By:

**Department of Chemical Engineering
Department of Metallurgy and Materials Engineering
Department of Textile Engineering**