



CONFERENCE PROGRAM

(Thursday, August 06, 2026)

Registration (08:30 HRS TO 09:00 HRS)

Venue: **Beside Block A**

Coordinator: Engr. M. Waqas Malik

Co-Coordinator: Engr. M. Ilyas

***Note:** All poster presenters are requested to display their posters at their allocated space in Old Cafeteria (Riverside). All oral presenters are requested to upload their presentations in respective rooms before the session starts. Assistance is available in each room.*

A) Main Session (09:00 HRS TO 10:00 HRS)

INAUGURATION (09:00 HRS TO 09:15 HRS)		
Venue: A1		
Session Chair: Dr. Majid Ali Session Co-Chair: Dr. M. Usman Farooqi Assistance by: Engr. Iqbal Ahmad		
Time	Activity	
09:00 to 09:05	Opening and Recitation	
09:05 to 09:10	Welcome by the Vice Chancellor, CUST	
09:10 to 09:15	Address by the Chief Guest	
KEYNOTE LECTURES (09:15 HRS TO 10:00 HRS)		
Venue: A1		
Session Chair: Dr. Majid Ali Session Co-Chair: Dr. M. Usman Farooqi Assistance by: Engr. Iqbal Ahmad		
09:15 to 09:35	Artificial Intelligence (AI) for Climate Resilient Construction	Dr. Fahim Ullah Victoria University, Australia
09:35 to 09:55	Engineering a Future That Grows Itself - Bio-based Materials for Resilient Buildings & Structures	Dr. Ana Armada Bras, Liverpool John Moores University, UK
09:55 to 10:00	Closing Remarks	Dr. Imtiaz Ahmed Taj <i>Dean, Faculty of Engineering, CUST, Pakistan</i> Dr. Ishtiaq Hassan <i>Director, DSE, CUST, Pakistan</i>

Poster Session and Tea Break: 10:05 HRS TO 10:40 HRS

Venue: **Old Cafeteria**

Coordinator: Engr. M. Waqas Malik

Co-Coordinator: Engr. M. Ilyas

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8th Conference on Sustainability in Civil Engineering CSCE'26
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Department of Civil Engineering
Capital University of Science and Technology (CUST), Islamabad, Pakistan

B) Oral Presentations - Technical Session I (10:45 HRS TO 13:00 HRS)

B1) Oral Presentations Parallel Session 1-1 (Venue: B1) Session Theme: Emergent Construction Materials	
Session Chair: Dr. Anwar Khitab	
Session Co-Chair: Engr. Faiza Khalid	
Assistance by: Engr. Sohail Afzal	
Time	Paper
10:55 to 11:10	AN OVERVIEW OF THE MECHANICAL PERFORMANCE OF HYBRID GLASS POLYPROPYLENE FIBER REINFORCED CONCRETE (HYGPFRC): A REVIEW (Paper ID: 118) <i>Faheem Ahmad Gul, University of L'Aquila, Italy</i> <i>Francesco D'Annibale, University of L'Aquila, Italy</i>
11:10 to 11:25	FIRE PERFORMANCE OF STAINLESS-STEEL REINFORCED CONCRETE: A SHORT REVIEW (Paper ID: 113) <i>Javaria Mehwish, Brunel University London, UK</i> <i>Katherine Cashell, University College London, UK</i>
11:25 to 11:40	EMERGING RECYCLED PLASTIC WASTES IN CEMENTITIOUS COMPOSITES: PERFORMANCE EFFECTS, LIMITATIONS, AND RESEARCH NEEDS (Paper ID: 119) <i>Malik M. Usman Azhar, Ministry of Federal Education & Professional Training, Islamabad, Pakistan</i> <i>Aaroon Joshua Das, Ministry of Federal Education & Professional Training, Islamabad, Pakistan</i> <i>Sadia Lohani, Kinetics Contracting LLC, UAE</i>
11:40 to 11:55	DIVERGENCE IN DAMAGE-STATE THRESHOLD DEFINITIONS FOR NON-DUCTILE RC MOMENT FRAMES: EVIDENCE FROM A SYSTEMATIC LITERATURE REVIEW (Paper ID: 210) <i>Muhammad Abubakar, UET Taxila, Pakistan</i> <i>Muhammad Awaib, UET Taxila, Pakistan</i> <i>Faheem Butt, UET Taxila, Pakistan</i>
11:55 to 12:10	COMPRESSIVE STRENGTH AND DURABILITY OF CEMENTLESS PLASTIC SAND PAVER BLOCKS INCORPORATING POLYPROPYLENE FIBER (Paper ID: 109) <i>Muzammil khan, COMSATS, Abbottabad, Pakistan</i> <i>Safeer Ullah Khattak, COMSATS, Abbottabad, Pakistan</i> <i>Usama Alam, COMSATS, Abbottabad, Pakistan</i>
12:10 to 12:25	DEMOLISHED CONCRETE POWDER FOR SUSTAINABLE CONCRETE (Paper ID: 101) <i>Umer Razzaq Khan, MUST, Mirpur (AJK), Pakistan</i> <i>Anwar Khitab, MUST, Mirpur (AJK), Pakistan</i>
12:25 to 12:40	EVALUATING THE POTENTIAL OF EGG SHELL POWDER AS A SUSTAINABLE AND COST-EFFECTIVE ADDITIVE FOR EXPANSIVE SOIL STABILIZATION (Paper ID: 405) <i>Kafayat Ullah, The University of Lahore, Lahore, Pakistan</i> <i>Iftikhar Ahmad, The University of Lahore, Lahore, Pakistan</i>
12:40 to 12:55	THE COMPRESSIVE STRENGTH TEST OF CORE SPECIMEN EXTRACTED FROM BEAM AFTER ONE-YEAR NATURAL WEATHERING (Paper ID: 112) <i>Qasim Aqbali, UET Taxila, Pakistan</i> <i>Muhammad Usman Rashid, UET Taxila, Pakistan</i> <i>Nadeem Imran, UET Taxila, Pakistan</i>



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B2) Oral Presentations Parallel Session 1-2 (Venue: B2) Session Theme: AI and Construction Management	
Session Chair: Dr. Salman Azhar	
Session Co-Chair: Dr. Imtiaz Ahmed Taj	
Assistance by: Dr. Maria Ghufraan and Engr. Minhas Shah	
Time	Paper
10:55 to 11:10	RISK MANAGEMENT FRAMEWORK FOR SMALL DOD PROJECTS USING A CUSTOM RISK CALCULATOR (Paper ID: 301) <i>Daniel Rodriguez, Auburn University, USA</i> <i>Salman Azhar, Auburn University, USA</i> <i>Mohsin Adeel Waris, Auburn University, USA</i>
11:10 to 11:25	AI-DRIVEN AUTONOMOUS VISION FRAMEWORK FOR CONSTRUCTION-PHASE INSPECTION AND ENGINEERING LOCALIZATION OF MISSING PHOTOVOLTAIC MODULES IN LARGE-SCALE OFFSHORE PHOTOVOLTAIC SYSTEMS APPLICATIONS (Paper ID: 317) <i>Muhammad Imran Khan, Tongji University, China</i> <i>Liquan Xie, Tongji University, China</i> <i>Muhammad Asif, Tongji University, China</i>
11:25 to 11:40	DIGITAL COLLABORATION PLATFORMS FOR CONSTRUCTION STAKEHOLDER MANAGEMENT: ADVANCING SUSTAINABILITY IN PROJECT DELIVERY (Paper ID: 307) <i>Hammad Arshad, Imarat Islamabad, Pakistan</i> <i>Jawaid Malik, WSP, Kingston Ontario, Canada</i>
11:40 to 11:55	ARTIFICIAL INTELLIGENCE BASED PREDICTION OF STAKEHOLDER BEHAVIOR IN CIVIL PROJECTS (Paper ID: 308) <i>Hafiz Mirza Talha Baig, UET Taxila, Pakistan</i> <i>Shamoon Haider, UET Taxila, Pakistan</i> <i>Abdul Qadeer, UET Taxila, Pakistan</i>
11:55 to 12:10	BIM BASED PROJECT MONITORING AND COST CONTROL MECHANISM (Paper ID: 305) <i>Usama Ashraf, KICSIT, Kahuta, Pakistan</i> <i>Qurat Ul-Ain, KICSIT, Kahuta, Pakistan</i>
12:10 to 12:25	MACHINE LEARNING-BASED ASSESSMENT OF BARRIERS AND AI ADOPTION IN THE CONSTRUCTION INDUSTRY OF PAKISTAN (Paper ID: 318) <i>Ahmad Hassan, NFC IEFER, Faisalabad, Pakistan</i> <i>Khushal Khan, NFC IEFER, Faisalabad, Pakistan</i> <i>Saqib Faraz, NFC IEFER, Faisalabad, Pakistan</i>
12:25 to 12:40	LIFE CYCLE ASSESSMENT OF MULTI-FUNCTIONAL CONCRETE (Paper ID: 321) <i>Muhammad Abdullah Naveed, NUTECH, Islamabad, Pakistan</i> <i>Wasi Ur Rehman, NUTECH, Islamabad, Pakistan</i> <i>Nafeesa Shaheen, NUTECH, Islamabad, Pakistan</i>
12:40 to 12:55	MITIGATING HIDDEN COMMUNICATION FAILURES: A MULTIMETHOD FRAMEWORK TO DETECT AND RESOLVE THE SILENT RESISTANCE PHENOMENON IN PROJECTS (Paper ID: 316) <i>Abaid Ullah, UET Taxila, Pakistan</i> <i>Muhammad Usman Ali, UET Taxila, Pakistan</i> <i>Hamid Malik, UET Taxila, Pakistan</i>



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B3) Oral Presentations Parallel Session 1-3 (Venue: B3) Session Theme: New Trends in Transportation and Geotechnical Engineering	
Session Chair: Dr. Salman Ali Suhail	
Session Co-Chair: Engr. Shaheed Ullah	
Assistance by: Engr. Talha Ahmed	
Time	Paper
10:55 to 11:10	OMAN-PAKISTAN OIL PIPELINE: POSSIBLE SOLUTION FOR ASIAN ENERGY CRISIS AIMED MIDDLE EAST WAR (Paper ID: 516) <i>Qazi Umar Farooq, Islamic University of Madinah, KSA</i> <i>Muhammad Tayyab Naqash, Islamic University of Madinah, KSA</i>
11:10 to 11:25	THE SIGNIFICANT EFFECT OF SILICA FUME ON COCONUT SHELL CONCRETE AS CEMENT REPLACEMENT (Paper ID: 111) <i>Noor Aina Misnon, National Defence University of Malaysia, Malaysia</i> <i>Hidayu Murni Abu Hussain, Tunku Abdul Rahman University of Management and Technology, Malaysia</i> <i>Faridah Hanim Khairuddin, National Defence University of Malaysia, Malaysia</i>
11:25 to 11:40	COMPARATIVE ASSESSMENT OF THE DYNAMIC RESPONSE OF PILES OBTAINED FROM WINKLER MODEL AND FINITE ELEMENT METHOD (Paper ID: 407) <i>Masnoon Ahmad, The University of Lahore, Lahore, Pakistan</i> <i>Salman Ali Suhail, The University of Lahore, Lahore, Pakistan</i> <i>Arslan Qayyum Khan, Florida International University, USA</i>
11:40 to 11:55	ASSESSMENT OF TRAFFIC SATURATION AND CAPACITY FORECASTING UNDER MIXED TRAFFIC CONDITIONS (Paper ID: 502) <i>Madiha Niaz, UET Taxila, Pakistan</i> <i>Imran Hafeez, UET Taxila, Pakistan</i>
11:55 to 12:10	EVALUATION OF CONVENTIONAL PROPERTIES OF MULTIMODIFIED 60/70 BITUMEN USING MOLASSES, CRUMB RUBBER, WASTE COOKING OIL, AND POLYPHOSPHORIC ACID (Paper ID: 511) <i>Zeera Khan, International Islamic University, Islamabad, Pakistan</i> <i>Faris Zahid, International Islamic University, Islamabad, Pakistan</i> <i>Waqas Haroon, International Islamic University, Islamabad, Pakistan</i>
12:10 to 12:25	RECYCLED CONSTRUCTION AND DEMOLITION WASTE AGGREGATES IN HOT MIX ASPHALT (HMA): A STATE OF THE ART REVIEW (Paper ID: 517) <i>Mustafa Adil, UET Peshawar, Pakistan</i> <i>Saif Ur Rehman, UET Peshawar, Pakistan</i> <i>Fahad Ibrar, UET Peshawar, Pakistan</i>
12:25 to 12:40	MATERIAL DESIGN AND SELF-SENSING PERFORMANCE EVALUATION OF CONDUCTIVE ASPHALT CONCRETE (Paper ID: 513) <i>Shafi Ullah, Wah Engineering College, Wah Cantt., Pakistan</i> <i>Kainat Batool, Wah Engineering College, Wah Cantt., Pakistan</i>
12:40 to 12:55	MULTI-OBJECTIVE LEAST-COST PATH OPTIMIZATION FOR HAZARD-AWARE ROAD CORRIDOR PLANNING (Paper ID: 512) <i>Muhammad Khizar Latif, UET Taxila, Pakistan</i> <i>Muhammad Hamza Dar, UET Taxila, Pakistan</i>

Poster Session and Lunch / Prayer Break (13:00 HRS TO 14:00 HRS)

Venue: **Old Cafeteria**

Coordinator: Engr. M. Waqas Malik

Co-Coordinator: Engr. M. Ilyas

NOTE:

1. All poster presenters are requested to stand with their posters at their allocated space in Old Cafeteria. Don't forget to enjoy lunch.
2. All participants are requested to collect their shields from the designated desk.



C) Oral Presentations - Technical Session II (14:00 HRS TO 16:00 HRS)

C1) Oral Presentations Parallel Session 2-1 (Venue: B1) Session Theme: Efficient Structural Analysis and Design	
Session Chair: Dr. Salman Ali Suhail Session Co-Chair: Engr. Faiza Khalid Assistance by: Engr. Sohail Afzal	
Time	Paper
14:10 to 14:30	Rheology of Geopolymer Grouting Materials [KEYNOTE LECTURE] Dr. Li Li, Northwest A&F University, China
14:30 to 14:45	WIND LOADING OF NON-RECTANGULAR LOW-RISE BUILDINGS UNDER ASCE 7-22: A CRITICAL REVIEW OF CURRENT PROVISIONS, RESEARCH GAPS, AND FUTURE DIRECTIONS (Paper ID: 217) <i>Ghazi Arslan Ahmed, Engineering & Design Consultants, Islamabad, Pakistan</i> <i>Osama Rashid, DEME Group, Luxembourg City, Luxembourg</i>
14:45 to 15:00	IDA-BASED SEISMIC FRAGILITY ASSESSMENT OF MIDRISE RC FRAME BUILDING IN ISLAMABAD, PAKISTAN (Paper ID: 201) <i>Hassan Tahir, UET Taxila, Pakistan</i> <i>M. Fiaz Tahir, UET Taxila, Pakistan</i>
15:00 to 15:15	INVESTIGATING SHEAR FORCE AND BENDING MOMENT VARIATION ALONG THE PILE LENGTH SUBJECTED TO DYNAMIC LOADING (Paper ID: 409) <i>Fakher Ijaz, The University of Lahore, Lahore, Pakistan</i> <i>Salman Ali Suhail, The University of Lahore, Lahore, Pakistan</i> <i>Muhammad Akhtar, The University of Lahore, Lahore, Pakistan</i>
15:15 to 15:30	COMPARATIVE SEISMIC ANALYSIS OF A 10-STORY RC SHEAR WALL BUILDING IN PAKISTAN USING THE ELF METHOD (Paper ID: 212) <i>Farhan Asif Awan, COMSATS, Wah Campus, Wah Cantt., Pakistan</i> <i>Ahmad Javid, COMSATS, Wah Campus, Wah Cantt., Pakistan</i> <i>Hassan Tahir, UET Taxila, Pakistan</i>
15:30 to 15:45	SENSITIVITY OF CONCRETE DAMAGE PLASTICITY AND COHESIVE INTERFACE PARAMETERS IN NONLINEAR SEISMIC MODELLING OF CFRP-RETROFITTED INFILLED RC FRAMES (Paper ID: 220) <i>Muhammad Awais, UET Peshawar, Pakistan</i> <i>Hassan Muhammad, UET Peshawar, Pakistan</i> <i>Iqra Fayaz, UET Peshawar, Pakistan</i>
15:45 to 16:00	SEISMIC PERFORMANCE OF LOW-RISE REINFORCED CONCRETE FRAMES ON ISLAMABAD SOILS CONSIDERING SOIL-STRUCTURE INTERACTION EFFECTS (Paper ID: 209) <i>Mohammad Zain Siddiqi, UET Taxila, Pakistan</i> <i>Saqib Mehboob, UET Taxila, Pakistan</i>



C2) Oral Presentations Parallel Session 2-2 (Venue: B2) Session Theme: Sustainable Materials	
Session Chair: Dr. Anwar Khitab Session Co-Chair: Dr. Maria Ghufuran Assistance by: Engr. Minhas Shah	
Time	Paper
14:10 to 14:30	Advancing Sustainable Construction through 3D Concrete Printing and LC3 Technology [KEYNOTE LECTURE] Dr. Muhammad Noman, University of New Mexico, USA
14:30 to 14:45	DYNAMIC SOIL-PILE INTERACTION – AN ACCOUNT ON DEVELOPMENTS (Paper ID: 408) <i>Salman Ali Suhail, The University of Lahore, Lahore, Pakistan</i> <i>Hafsa Rehman, The University of Lahore, Lahore, Pakistan</i> <i>Muhammad Qasim, Yildiz Technical University, Turkey</i>
14:45 to 15:00	LIFE CYCLE ASSESSMENT OF SUSTAINABLE BIOPLASTIC PRODUCTION FROM FOOD AND AGRICULTURAL WASTE STREAMS IN PAKISTAN (Paper ID: 705) <i>Abaid Ullah, UET Taxila, Pakistan</i> <i>Seerat Eman, UET Taxila, Pakistan</i> <i>Yasmeen Ameen, UET Taxila, Pakistan</i>
15:00 to 15:15	PYTHON-BASED FRAMEWORK FOR AUTOMATED MULTI STAGE LCA OF GREEN CONCRETE (Paper ID: 315) <i>Muhammad Bilal Subhany, MUST, Mirpur (AJK), Pakistan</i> <i>Anwar Khitab, MUST, Mirpur (AJK), Pakistan</i>
15:15 to 15:30	STATISTICAL ASSESSMENT OF TIME DELAY FACTORS IN BUILDING CONSTRUCTION PROJECTS (Paper ID: 327) <i>Muhammad Usman Shahid, NFC IEFER, Faisalabad, Pakistan</i> <i>Atif Ali Khan, NFC IEFER, Faisalabad, Pakistan</i> <i>Mehdi Hassan, NFC IEFER, Faisalabad, Pakistan</i>
15:30 to 15:45	TOWARDS SUSTAINABLE DELIVERY OF EPC POWER PROJECTS IN EMERGING ECONOMIES: A HYBRID RISK ASSESSMENT APPROACH (Paper ID: 314) <i>Tehseen Ullah, UET Lahore, Pakistan</i> <i>Sajjad Mubin, University of Okara, Pakistan</i>
15:45 to 16:00	PERFORMANCE OF WASTE FIBERS AND CARBON BLACK IN CEMENTITIOUS COMPOSITES: MECHANICAL STRENGTH, ELECTRICAL CONDUCTIVITY, AND PIEZORESISTIVE SENSING BEHAVIOR OF COMPOSITES (Paper ID: 103) <i>Umer Ilyas, UET Taxila, Pakistan</i> <i>Faisal Shabbir, UET Taxila, Pakistan</i>



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C3) Oral Presentations Parallel Session 2-3 (Venue: B3) Session Theme: New Trends in Water Resources and Environmental Engineering	
Session Chair: Dr. Nida Azhar Session Co-Chair: Engr. Shaheed Ullah Assistance by: Engr. Talha Ahmed	
Time	Paper
14:10 to 14:30	The Application of Remote Sensing in Civil Engineering [KEYNOTE LECTURE] Dr. Muhammad Usman Arshid, The University of British Columbia, Canada
14:30 to 14:45	WASTEWATER TO GREEN WATERSCAPE: A NATURE-BASED ENGINEERING FRAMEWORK FOR SUSTAINABLE URBAN WATER MANAGEMENT (Paper ID: 709) <i>Zeenat Khan, Al-Mussawir Engineers, Rawalpindi, Pakistan</i> <i>Fasial Mateen, WSP Sydney, Australia</i>
14:45 to 15:00	ASSESSING THE IMPACT OF CHANNEL BED SEDIMENTATION ON FLOOD INUNDATION USING HEC-RAS 1D: A CASE STUDY OF JHELMUM RIVER (Paper ID: 601) <i>Muhammad Numan, UET Taxila, Pakistan</i> <i>Ghufran Ahmed Pasha, UET Taxila, Pakistan</i>
15:00 to 15:15	ASSESSMENT OF BARRIERS AND AI ADOPTION IN THE CONSTRUCTION INDUSTRY OF PAKISTAN (Paper ID: 328) <i>Ali Abbas, NFC IEFER, Faisalabad, Pakistan</i> <i>Khushal Khan, NFC IEFER, Faisalabad, Pakistan</i> <i>Siddique Ahmad, NFC IEFER, Faisalabad, Pakistan</i>
15:15 to 15:30	INVESTIGATING THE IMPACT OF URBANIZATION ON LAND USE AND LAND COVER IN PAKISTAN FOR SUSTAINABLE FUTURE: CASE STUDY OF LAHORE (Paper ID: 706) <i>Muhammad Shirjeel Ijaz, University of Gujrat, Pakistan</i> <i>Muhammad Ajaz, CPM, Lahore, Pakistan</i> <i>Daniya Mansoor, Quaid-e-Azam University, Islamabad, Pakistan</i>
15:30 to 15:45	QUANTITATIVE ASSESSMENT OF URBAN HEAT ISLAND HOTSPOTS IN KARACHI USING A MULTI-CRITERIA GRADING MATRIX (Paper ID: 701) <i>Nida Azhar, NED University of Engineering & Technology, Karachi, Pakistan</i> <i>Rutaba Izhar, NED University of Engineering & Technology, Karachi, Pakistan</i>
15:45 to 16:00	PERFORMANCE ASSESSMENT OF FERRIC OXIDE COATED SOLAR-POWERED SELF-CLEANSING ACTIVE LIVING WALL FOR INDOOR AIR QUALITY MANAGEMENT (Paper ID: 707) <i>Bilal Asif, UET Taxila, Pakistan</i> <i>Abaid Ullah, UET Taxila, Pakistan</i> <i>Muhammad Usman Ali, UET Taxila, Pakistan</i>



C4) Oral Presentations Parallel Session 2-4 (Venue: B4) Session Theme: Sustainable Infrastructure and Innovation in Construction	
Session Chair: Dr. Khan Shahzada Session Co-Chair: Engr. Iqbal Ahmad Assistance by: Engr. Muhammad Ilyas Siddiqi	
Time	Paper
14:10 to 14:30	Future of DWPT-Based Electrified Road Systems: Construction Challenges and Opportunities [KEYNOTE LECTURE] Dr. Adeeba Abdul Raheem, The University of Texas, USA
14:30 to 14:45	SUSTAINABLE RECYCLED MATERIALS FOR POTHOLE REPAIR IN FLEXIBLE AND RIGID PAVEMENTS: A COMPREHENSIVE REVIEW (Paper ID: 116) <i>Syed Musavir Ali Shah, Abasyn University Islamabad Campus, Pakistan</i> <i>Shehryar Ahmed, Ministry of Federal Education & Professional Training, Islamabad, Pakistan</i> <i>Arsalan Mazhar, Tyrens Eesti, Tallinn, Estonia</i>
14:45 to 15:00	A COMPARATIVE ANALYSIS OF INTERNATIONAL STANDARD FORMS OF CONTRACT FOR DELAY MANAGEMENT AND FINANCIAL CLAIM DETERMINATION (Paper ID: 302) <i>Abdul Wahid, UET Taxila, Pakistan</i> <i>Ali Asghar, UET Taxila, Pakistan</i> <i>Usama Shaukat, UET Taxila, Pakistan</i>
15:00 to 15:15	SEISMIC FRAGILITY CURVES OF RC BUILDINGS WITH COMMON CONSTRUCTION DEFICIENCIES IN DEVELOPING COUNTRIES (Paper ID: 213) <i>Khushal Khan, NFC IEFER, Faisalabad, Pakistan</i> <i>Muhammad Subhan Waheed, NFC IEFER, Faisalabad, Pakistan</i> <i>Haseeb Bilal, NFC IEFER, Faisalabad, Pakistan</i>
15:15 to 15:30	BLAST-RESISTANT REINFORCED CONCRETE STRUCTURES: A REVIEW OF NUMERICAL AND EXPERIMENTAL STUDIES (Paper ID: 222) <i>Hafsa Hafeez, UET Peshawar, Pakistan</i> <i>Khan Shahzada, UET Peshawar, Pakistan</i>
15:30 to 15:45	COMPARATIVE LIFE CYCLE ASSESSMENT OF CONVENTIONAL AND ZERO DISCHARGE OF HAZARDOUS CHEMICALS (ZDHC)-COMPLIANT TEXTILE WASTEWATER TREATMENT SYSTEMS (Paper ID: 708) <i>Abaaid Ullah, UET Taxila, Pakistan</i> <i>Esha Seher Khalil, UET Taxila, Pakistan</i> <i>Muhammad Talib Raza, UET Taxila, Pakistan</i>
15:45 to 16:00	EXPERIMENTAL INVESTIGATION OF COEFFICIENT OF DISCHARGE OF ARCED PIANO KEY WEIR WITH VARYING CREST SHAPES (Paper ID: 602) <i>Wajid Hussain, UET Taxila, Pakistan</i> <i>Usman Ghani, UET Taxila, Pakistan</i> <i>Ghufran Ahmed Pasha, UET Taxila, Pakistan</i>

Poster Session and Tea Break: 16:05 HRS TO 16:40 HRS

Venue: [Old Cafeteria](#)

Coordinator: Engr. M. Waqas Malik

Co-Coordinator: Engr. M. Ilyas

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D) Closing Ceremony (16:45 HRS TO 17:00 HRS)

Venue: **B1**

Session Chair: Dr. Majid Ali (*Conference Chair*)

Session Co-Chair: Engr. Talha Bin Tahir (*Technical Advisor*)

Session Co-Chair: Engr. M. Ilyas (*Conference Secretary*)

Poster Presentations

Paper
THE IMPACT OF GROUNDWATER INGRESS ON THE LONGTERM STRUCTURAL INTEGRITY OF REINFORCED CONCRETE RETAINING WALLS - A REVIEW (Paper ID: 117) <i>Abu Bakar Naeem, Maven Project LLP, Islamabad, Pakistan</i>
EFFECT OF HOOKED-END STEEL FIBER CONTENTS ON THE WORKABILITY AND MECHANICAL STRENGTH OF CONCRETE (Paper ID: 124) <i>Muhammad Usman Rashid, UET Taxila, Pakistan</i> <i>Muhammad Fahad Mumtaz, UET Taxila, Pakistan</i> <i>Noman Murtaza, UET Taxila, Pakistan</i>
COMPARISON OF SEISMIC ANALYSIS METHODS FOR MID TO HIGH RISE REINFORCED CONCRETE BUILDINGS IN PAKISTAN (Paper ID: 218) <i>Fahim Ullah Khan, UET Taxila, Pakistan</i> <i>Faisal Shabbir, UET Taxila, Pakistan</i> <i>Irshad Qureshi, UET Taxila, Pakistan</i>
SUSTAINABLE STABILIZATION OF PEAT SOIL WITH TERRAZYME: LABORATORY STUDY (Paper ID: 412) <i>Muhammad Waleed, NUST, Islamabad, Pakistan</i> <i>Tauseef Anjum, Bahria University, Islamabad, Pakistan</i>
OPTIMIZED REHABILITATION OF PAVEMENT IN WATERLOGGED CONDITIONS USING CEMENT, MARBLE DUST AND FLY ASH (Paper ID: 514) <i>Usman Abdullah, PAF-IAST, Haripur, Pakistan</i> <i>Shakir Ali Haider, PAF-IAST, Haripur, Pakistan</i> <i>Asim Farooq, PAF-IAST, Haripur, Pakistan</i>
MICROSTRUCTURAL ANALYSIS OF ASPHALT PAVEMENT MIXTURES REJUVENATED USING WASTE OILS (Paper ID: 515) <i>Shakir Ali Haider, PAF-IAST, Hairpur, Pakistan</i> <i>Usman Abdullah, PAF-IAST, Hairpur, Pakistan</i> <i>Asim Farooq, PAF-IAST, Hairpur, Pakistan</i>
EFFECT OF ORGANOCCLAY ON THE TRIBOLOGICAL BEHAVIOR OF HOT MIX ASPHALT (Paper ID: 518) <i>Shan Ul Haq, UET Taxila, Pakistan</i> <i>Imran Hafeez, UET Taxila, Pakistan</i>
EFFECT OF OVERHANG LENGTH ON COEFFICIENT OF DISCHARGE OF TYPE-B PIANO KEY WEIR (Paper ID: 604) <i>Muhammad Bashir, UET Taxila, Pakistan</i> <i>Mujahid Iqbal, UET Taxila, Pakistan</i>