

ICACEE-2024 Papers Information (19-02-2024)

Day-1: 21st Feb. 2024 MPH Multipurpose Hall
 Day-2: 22nd Feb. 2024 CED Civil Department
 ENV Environmental Department

Paper ID	Domain	Title	Corresponding Author	Presentation Mode	Day	Session	Venue	Presenter	Contact Number
201	Transportation	THE STAR RATING OF AN URBAN ARTERIAL ROAD USING iRAP METHODOLOGY	Abid Nazir	ORAL	Day-1	S-1	MPH	Abid Nazeer	3149809802
202	Transportation	Suitability of Subgrade Material for Pavement Designs in Waterlogged Areas: A Study in Peshawar, Pakistan	Muhammad Shoaib	ORAL (Subject to Acceptance)	Day-1	S-1	MPH	Not registered	
203	Transportation	Practices of Traffic Congestion Pricing Policies – Implications and Challenges for Cities in Pakistan	Abdus Samad Farooq	ORAL	Day-1	S-1	MPH	Abdusamad Farooq	3331945551
204	Transportation	Analysis of Students’ Travel Mode Choice Behaviour: A Case Study in Oman	Nazam Ali	ORAL	Day-1	S-2	CED	Muhammad Zeeshan	3349586146
205	Transportation	Advances in Micromechanical Modelling of Asphalt Mixtures in Flexible Pavements and their Potential use in the Design Process: A Review	Momina Niaz	ORAL	Day-1	S-2	CED	Momina Niaz	3338786778
207	Transportation	IMPROVING PERFORMANCE OF WASTE ENGINE OIL MODIFIED BITUMEN MIXTURE	Babar Ijaz Khan	POSTER	Day-1			Baber	3005601132
209	Transportation	Simulation model for vehicular traffic flow at intersection of road to reduce traffic congestion	Muhammad Haris Khan	POSTER	Day-1			Muhammad Hammad	3317019171
211	Transportation	To Analyze the Role of CPEC in Fostering Economic Growth in Pakistan: Case Study of Pakistan	Imtiaz Ahmad	ORAL	Day-1	S-2	CED	Not registered	
212	Transportation	TRAIN APPROACH WARNING SYSTEM (TAWs) IN PAKISTAN RAILWAYS	Muhammad Sarmad Javed	ORAL	Day-1	S-2	CED	Muhammad Sarmad	3365545445
213	Transportation	LAHORE, MENTIONING THE MAIN TRANSIT LINES AND MODES, MODAL SHARE, AND MODAL SPLIT AND NEW TRANIST LINE	Syed Saqib UI Husnain	ORAL	Day-1	S-2	CED	Not registered	
214	Transportation	UTILIZATION OF SUSTAINABLE MATERIALS TO ENHANCE THE AGEING RESISTANCE OF ASPHALT BINDER	Muhammad Muzzammil ¹	ORAL	Day-1	S-2	CED	Muhammad Muzzammil	307897319
215	Transportation	Sustainable Development of Pakistan Railways Being an Environment-friendly Mode of Transportation	Ramla Shahid	ORAL	Day-1	S-2	CED	Ramla Shahid	3325210141
216	Transportation	Sustainable Roadside Parking Solutions in Urban Areas	Saad Javed	ORAL	Day-2	S-1	MPH	Amanat Ali	3340962884
217	Transportation	A Comparative Study of Traditional Methods of Train Detection and Innovative Approaches Using Image Processing	Muhammad Usama	ORAL	Day-2	S-1	MPH	Muhammad Osama	3120387171
218	Transportation	Asphalt mix design with Electronic Waste aggregates	Haseeb Murtaza	POSTER (Subject to Acceptance)	Day-1			Not registered	

219	Transportation	Risk-Taking Behaviour of Pedestrians on National Highways	Laraib Fatima ¹	ORAL	Day-2	S-1	MPH	Laraib Fatima	3090988535
221	Transportation	Characterizing the Aggregate Petrography for Improvement in Asphalt Mix Performance	Shabih ul Hassan ¹	POSTER	Day-1			Shabi ull hasan	3335188963
222	Transportation	Performance Evaluation of Plastic Road	Osama	POSTER	Day-1			OSAMA	3345459939
101	Structures	Strength Evaluation of Ordinary Concrete having Crumb Rubber Pre-treated with Caustic Soda and Bleaching Powder Solutions	Dr. Anwar Khitab	ORAL	Day-1	S-1	MPH	Anwar Khitab	3125355098
102	Structures	Performance Evaluation of Ordinary Concrete having Crumb Rubber Treated with Alkaline Solution	Dr. Anwar Khitab	ORAL	Day-1	S-2	MPH	Anwar Khitab	3125355098
103	Structures	Estimation of Ground Motion Parameters for Structural Design Using Woo Approach for Pakistan: Preliminary Results	Hayat Ullah	ORAL	Day-1	S-1	MPH	Hayat ullah	3469464328
104	Structures	Finite Element Modelling of Structural Behavior of Doubly Restrained Concrete Compressive Members	Muhammad Hamza ³	ORAL	Day-1	S-1	MPH	Muhammad Hamza	3466855327
105	Structures	Effect of Crumb Rubber on the Behaviour of OPC-based Concrete	Muhamamd Imran	ORAL	Day-1	S-1	MPH	Talha Ghafoor	336600276
106	Structures	Modification of Cellular Lightweight Concrete by using Additives	Shehyar	ORAL	Day-1	S-1	CED	Sheryar	3315692208
107	Structures	Influence of NaOH concentration on mechanical properties of fly ash-slag based geopolymer concrete	. Talha Ghafoor ¹	ORAL	Day-1	S-1	CED	Talha Ghafoor	336600276
108	Structures	Analytical model for axial strength of FRP-reinforced short columns confined with sheets and tubes	meharali	POSTER	Day-1			Mehar Ali	3156641130
109	Structures	Compressive behavior of square masonry columns strengthened with NSM Steel and GFRP reinforcement	Ali Akhtar ¹	ORAL	Day-1	S-1	CED	Ali Akhtar	3420447918
110	Structures	Pine Needle Reinforcement in Concrete: A Sustainable Approach for Enhancing Mechanical Properties	Muhammad Dawood Ali	ORAL	Day-1	S-1	CED	Dawood Ali	3365750500
111	Structures	The Optimizing High-Performance Concrete using SCMs: A Comprehensive Analysis of Mechanical and Durability Propert	Muhammad Zohaib	ORAL	Day-1	S-1	CED	Muhammad Zohaib	3118829030
112	Structures	Finite Element Simulations of Retrofitted Recycled Aggregate Concrete Columns Having FRP Bars	Muhammad Abbas Ali	POSTER	Day-1			Muhammad Abbas	3029240651
113	Structures	Predictions of ANN Model for Axial Strength of FRP-Confined CFST Columns	Khawaja Zain	POSTER	Day-1			Khawaja zain	3441507724
114	Structures	Enhancement of Concrete Compressive Strength by Introducing NGPs in a Mix with Partially Substituted Recycled Coarse Aggregate for Natural Coars	Syed Muhammad Ali Mujtiba Bukhari ¹	ORAL	Day-1	S-1	CED	Muhammad Ali	3181521903
115	Structures	Role of Waste Materials in the Development of a Sustainable Concrete	Aleem Sultan	POSTER	Day-1			Aleem Sultan	3345106438

134	Structures	Performance Evaluation of Pre-Damaged Fire Effected Deep Beams	Subhan Saeed ¹	ORAL	Day-2	S-1	CED	Subhan Saeed	3114838286
136	Structures	Strengthening of Unreinforced Masonry Structure with Fiber-Reinforced Polymer	Ahmad Suboor ¹	POSTER (Subject to Acceptance)	Day-1				Not registered
137	Structures	Effects of Blast Furnace Slag and Walnut Shell as partial replacement of fine aggregates on properties of concrete – A Review	Ghulam Raza ¹	ORAL (Subject to Acceptance)	Day-2	S-2	MPH		Not registered
138	Structures	HAZARD MATERIAL FREE GEOPOLYMER BINDER FOR CONCRETE	Muhammad Umair Raza ¹	ORAL	Day-2	S-2	MPH	Muhammad Awais	3475209192
139	Structures	Beyond Ordinary Concrete: A Review of Engineered Cementitious Composites' Development and Potential	sadia fida	POSTER	Day-1			Irfa Ejaz	3126364416
140	Structures	Response Evaluation of PC/RC Pipe-Rack Structure under Strong Seismic Events	Syed Ashraf Abbas ¹	ORAL	Day-2	S-2	MPH	Ashraf Abbas	3452281562
141	Structures	Comparative Study of Concrete Structural Properties using various	Zubid Ullah ¹	ORAL	Day-1	S-2	ENV	Zubid Ullah	3469034073
142	Structures	Evaluation of Mechanical Performance of Concrete through the Integration of Crumb Rubber and Plant Residue	1 Engr. Raja Shujahat Zahoor Khan	POSTER	Day-1			Shujahat Zahoor	3471487247
143	Structures	Numerical Modelling Techniques for Ultra-High Performance Concrete (UHPC) and Textile Reinforced Concrete (TRC): A	Muhammad Ubair Javed ¹	POSTER	Day-1			Ubaid Javed	3350565353
144	Structures	Effect of Curing Conditions on Bentonite Concrete	, Sameer Ali ¹	POSTER	Day-1			Sameer Ali	3155633176
145	Structures	Prediction Model for the performance of Fly-Ash Based High-Strength Concrete at Elevated Temperature	Abdul Muqeet ¹	ORAL	Day-1	S-1	CED	Abdul Muqeet	3488513311
146	Structures	Recycled Aggregate Concrete Made with Various Types of Effluents	Malik Ehtisham Saqlain	ORAL	Day-1	S-2	MPH	Ehtisham	3016164123
147	Structures	The experimental investigation of mechanical Properties of Basalt Fiber Reinforced Recycled Aggregate Concrete (BF-RAC)	Ahmer Iqbal	ORAL	Day-1	S-2	ENV	Ahmer	3458754174
148	Structures	Artificial Neural Network modelling approach to predict the effect of CFRP composites on the axial strength of Rectangular and square A Study on the Prediction of Compressive	Muhammad Noman ¹	POSTER	Day-1			Muhammad Noman	3482927932
149	Structures	Strength of Geo-Polymer Concrete through Stacking Regression and Random Forest	Muhammad Waqas akram	POSTER (Subject to Acceptance)	Day-1				Not registered
150	Structures	Exploring Pine Needle Fibers in Concrete to Mitigate Flexural Spalling in Rigid Pavements The Role and Importance of Structural Health	Naseeb Shah	POSTER (Subject to Acceptance)	Day-1				Not registered
151	Structures	Monitoring in Under Developing Countries Like Pakistan	Rana Ehtisham	ORAL (Subject to Acceptance)	Day-2	S-2	MPH		Not registered
152	Structures	OPTIMIZING RCC SLABS USING FIBER REINFORCED COMPOSITES	Saad Arshad	POSTER (Subject to Acceptance)	Day-1				Not registered
153	Structures	IMPROVING THE CONCRETE SLAB INSULATION BY USING PINE NEEDLE FIBER	Noman Shehzad	POSTER (Subject to Acceptance)	Day-1				Not registered

154	Structures	PNRC SUSTAINABLE PRODUCTION of MANHOLES COVERS with FIBER CONCRETE	Yousaf khan	POSTER (Subject to Acceptance)	Day-1				Not registered
155	Structures	A Improving performance of concrete in canal-lining by using pine needle	saif ur rehman	POSTER (Subject to Acceptance)	Day-1				Not registered
402	Water	MONITORING UNGAUGED MANCHAR LAKE (PAKISTAN) USING ICESAT-2 DATA	Shahryar Jamali ¹	ORAL	Day-1	S-2	MPH	Sheryar	3122187463
403	Water	Sloping Perspectives: Investigating Flow Hydrodynamics in Vegetated Open-Channels under Varying Bed Slope	Nadir Murtaza	ORAL	Day-1	S-2	MPH		Not registered
404	Water	Sedimentation Analysis on Reservoir (A Case Study of Sukkur Barrage)	Ammar Sabir	POSTER	Day-1			Ammar Sabar	3002727999
405	Water	Application of Rational Formula to Estimate Peak Flood for a Partially Urbanized Catchment	Sajid Ali	POSTER	Day-1			Sajid Ali	3442453753
406	Water	COMPARATIVE STUDY OF DRIP AND RING BASIN IRRIGATION METHODS FOR YOUNG MANGO AND JUJUBE ORCHARD AT FARMERS'	Raheel Raza	ORAL	Day-1	S-2	MPH	Raheel Raza	3133154113
407	Water	Efficiency of Water Supply System of Kaghan Valley during High Influx of Visitors	Muhammad Numan ¹	ORAL (Subject to Acceptance)	Day-2	S-2	MPH	Muhammad Noman	3008575566
409	Water	Study of River Chenab Morphology Upstream Panjnad Barrage	Muhammad Hamza Ali ¹	POSTER	Day-1			Muhammad Hamza	3337014187
410	Water	Simulation of surface runoff for river Kunhar watershed (Pakistan) using swat model	Abdul Waheed ¹	ORAL	Day-2	S-2	MPH		Not registered
412	Water	Rainfall Trends in Punjab Rainfall Trends and Water Resources: An In-depth Analysis of Punjab, Pakistan	Abdul Rahman ¹	ORAL	Day-2	S-2	MPH	Abdul Rehman	3008573517
413	Water	Numerical simulation of three-dimensional flow in a patchy vegetated compound channel	Muhammad Ahmad ¹	POSTER	Day-1			Jawad	3057783748
414	Water	National Water Policy and Its Likely Effects on Urban Water Management	Salman Khalid ¹	POSTER	Day-1			Salman	3008801149
415	Water	FLASH DROUGHT MONITORING IN PAKISTAN USING MACHINE LEARNING TECHNIQUES AND MULTIVARIATE DROUGHT INDICES	MUSTAJAB ALI ^{1A}	ORAL	Day-2	S-2	CED	Mustajab	3325704317
416	Water	Enhancing Discharge Capacity of Piano Key Weir by Varying Number of Cycles	Muhammad Osama ¹	ORAL	Day-2	S-2	CED	Umair	3477749858
417	Water	Intercomparison of different methods for Flood Frequency Analysis: A case study of Nallah Mahal District Bagh AJK	Syed Umair Rasheed	ORAL	Day-2	S-2	CED	Umair	3455998553
418	Water	Experimental Investigation of Flow Behavior Over a Piano Key Weir with Varying Inlet to Outlet Crest Height	Waleed Bin Abdul Khaliq ¹	POSTER	Day-1			Waleed	3556197717
419	Water	Numerical Modelling of Flow Behaviour Over a Circular Crested Trapezoidal Weir	Saad Alam Shah ¹	POSTER	Day-1			Saad	3324852824
420	Water	FLASH Flood prediction of Panjkora River, KPK, using Artificial Neural Networks (ANN) and Support Vector Machine (SVM)	Mustajab Ali ^{1a}	ORAL	Day-2	S-2	CED	Saqlain	3495059567

421	Water	A Comprehensive Study on Rainfall Frequency Analysis for Sustainable Water Resource Management in District Khushab, Pakistan	Muhammad Zeeshan ¹	ORAL	Day-2	S-2	CED	Zeeshan	3107541880
301	Geotech	Predicting Resilient Modulus of Subgrade Soil Using Deep Learning Technique	Zeeshan Quersh	POSTER	Day-1			Zeeshan	3329151565
302	Geotech	Lateral Load Analysis of Piled Raft Foundation: A Review	Muhammad Ilyas Siddiqi	POSTER	Day-1			Ilyas	3499212621
304	Geotech	Effect of Salt Solutions on Geotechnical Behaviour of Bentonite-Fly Ash Admixtures for Their Application as Liner Material	Abdullah Saqib	ORAL (Subject to Acceptance)	Day-2	S-2	CED	Not registered	
306	Geotech	Strength Amplification of Expansive Soil Using Phosphogypsum	Muhammad Jabran ¹	POSTER	Day-1			Muhammad Jibran	3143360082
307	Geotech	Enhancing the Stability of Clay Soils through Chloride Compounds	Muhammad Waleed ¹	ORAL (Subject to Acceptance)	Day-2	S-2	CED	Not registered	
308	Geotech	Reliability Analysis of Slope based on Fellenius's and Bishop's Method	Muhammad Usama Aslam ^a	POSTER	Day-1			Muhammad Osama	+8618702195970
309	Geotech	Applications of Artificial Neural Networks for the prediction of subgrade CBR values	Muhammad Amaad Muzaffar	POSTER	Day-1			Jawad	3015223319
501	Environmental	Deforestation in Pakistan: Causes, Consequences, and Sustainable Solutions	Salman Memon	ORAL	Day-1	S-1	ENV	Not registered	
502	Environmental	Unveiling the Silent Threat; Pesticide Pollution in Pakistan's Agricultural Soils	Irza Khan	ORAL	Day-1	S-1	ENV	Hania Batool	3167318631
503	Environmental	Towards the use of rainwater and fog water harvesting systems – A sustainability approach	Muniba Hameed ¹	POSTER	Day-1			Not registered	
504	Environmental	Eco-toxicity of soil and contamination of soil due to e-waste and recycling activities	Muzzaian Hassan Abidi	ORAL	Day-1	S-1	ENV	Not registered	
505	Environmental	Understanding Heavy Metal Contamination in Soil: A Comprehensive Risk Assessment	Laiba Arif,	ORAL	Day-1	S-1	ENV	Laiba	3367222294
506	Environmental	Effective Strategies for Plastic Waste Management	Shamiyan Khan	ORAL	Day-1	S-1	ENV	Shamiyan	3125083512
507	Environmental	Evaluation of the physical and chemical properties of drinking water in Higher Educational Institutions in Islamabad	Asim Qayyum Butt ²	ORAL	Day-1	S-1	ENV	Sajid	3466335861
508	Environmental	and Boys Hostels: A Case Study of International Islamic University Islamabad, Pakistan	Abdullah Hayat Khan ¹	ORAL	Day-1	S-1	ENV	Not registered	
509	Environmental	Synergistic Polyethersulfone/poly [2-(dimethyl amino) ethyl methacrylate] Fabricated Membranes: Unveiling Superior Ultrafiltration and Antifou	Raja Muhammad Asif Khan ¹	ORAL	Day-1	S-2	ENV	Asif	3205353329

510	Environmental	The Use of Environmental-Friendly Phase Change Material in Building Construction	Gul Rukh Nizam1	ORAL	Day-1	S-2	ENV	Gulrukh	3431742234
511	Environmental	A Review of Indoor Air Cleaning Technologies	Engr. Bilal Asif1	POSTER	Day-1			Jeenes	3215141003
512	Environmental	Towards the use of rainwater and fog water harvesting systems – A sustainable approach	Abaid Ullah1	POSTER	Day-1			Abaidullah	3445230741
513	Environmental	Nature-based solution for the treatment of wastewater using wetlands	Babar Abbas1	POSTER	Day-1			Babar Abbas	345553383
514	Environmental	Use of natural coagulants (Moringa Oleifera) for drinking water	Muhammad Usman Subhani1	POSTER	Day-1			Usman	3120873377
515	Environmental	Development and Application of Low-Cost Filtration System for the Treatment of Greywater of a Mosque	Saimar Pervez1	POSTER	Day-1			Laiba	3178059083
516	Environmental	Designing and installation of Two Groundwater Recharging Wells at UET Taxila	Babar Abbas1	ORAL	Day-1	S-2	ENV	Babar Abbas	345553383
517	Environmental	Characterization and Composition Analysis of Fruit Vegetable Waste Co-Digested with Buffalo Dung for Methane Production	Barkatullah Kandhro	POSTER	Day-1			Not registered	
601	Survey	A Review on Advances in Mapping Landslide Susceptibility	Muhammad Atif Hussain	POSTER	Day-1			Muhammad Atif	3139284992
603	Survey	Mapping Groundwater Potential Zones in Quetta Region, Balochistan, Pakistan using Geospatial Techniques	Areeb Ul Haq1	ORAL	Day-1	S-2	ENV	Areeb Ul Haq	3322683560
605	Survey	Assessment of Pakistan's Water Storage Changes Using GRACE Satellite	Muhammad Hannan1	ORAL	Day-1	S-2	ENV	Not registered	
702	Construction Management	THE INFLUENCE OF ARTIFICIAL INTELLIGENCE ON PRACTICES IN CONSTRUCTION COST ESTIMATION	Abdullah	POSTER	Day-1			Abdullah	3080140797
703	Construction Management	Implementing Circular Economy Principles in Construction Waste Management: A Conceptual Framework for Maximizing	Saroosh	ORAL	Day-2	S-1	ENV	Saroosh	3081557540
704	Construction Management	Integration of Circular Economy Principles: Impact on Project Quality Assurance in Construction Industry of Pakistan	Hammad Shahzad1	ORAL	Day-2	S-1	ENV	Hammad	3116443177
705	Construction Management	Geospatial Integration of Primavera P6 in Engineering Project Management: A Case Study of Imarat Group in Pakistan	Muhammad Umair1	ORAL	Day-2	S-1	ENV	Muhammad Umair	3315444906
706	Construction Management	Developing a BIM-based asset management framework for urban infrastructures	Abdullah Khalil1	ORAL	Day-2	S-1	ENV	Abdullah	3308081826

707	Construction Manangement	Exploring Relationship between Price Escalation Components using Regression Analysis – A Case Study of Pakistan Construction Sector	Syed Shujaa Safdar Gardezi1	ORAL	Day-2	S-1	ENV	Muhammad Saim	3430479409
708	Construction Manangement	Role of Quantity Surveyors in Waste Reduction in Road Construction Projects – A Study in Pakistan	Usman Aftab1	ORAL	Day-2	S-1	ENV	Usman	3008521377
709	Construction Manangement	The Design and Implementation of an ESP-32 IoT-Based Fall Prevention early warning system for workers	Abaid Ullah1	ORAL	Day-2	S-1	ENV	Hanzallah	3433920946