

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)
October 13-14, 2021**

Tentative Conference Program

Day-1 (October 13, 2021)

Time	Activity	
8:00-9:00AM	Registration	Registration Committee (Convener: Dr. M. Haroon Khan)
9:00-9:15AM	Guests to be seated	
Inaugural Session: Venue: Auditorium CUSIT		
09:15-09:20	Recitation from the Holy Quran	
09:20-09:25	National Anthem	
09:25-09:35	Welcome Address	Prof. Dr. S. Minhaj Ul Hassan (VC CUSIT, Peshawar)
09:35-09:45	Inaugural Address	Eng. Prof. Dr. Atta Ullah Shah (VC KIU, Gilgit)
09:45-10:00	Keynote speaker-1	Dr. Hassan Daud Butt (CEO KP-BOIT)
10:00-10:15	Keynote speaker-2	Prof. Dr. Satirenjit Kaur Johl (Universiti Teknologi PETRONAS, Malaysia)
10:15-10:30	Keynote speaker-3	Prof. Dr. M. Jahanzeb Khan (VC FATA University)
10:30-10:45	Keynote speaker-4	Prof. Dr. Mohammad Mujahid (Rector PAF-IASST, Haripur)
10:45-10:55	Address by the Chief Guest	-----
10:55-11:05	Vote of thanks	Mr. Muhammad Saboor Sethi (President CUSIT)
11:05-11:15	Shields Distribution	
11:15-11:30	Group Photo (Main Entrance)	

HI-TEA 11:30-11:55AM

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)**

October 13-14, 2021

Tentative Conference Program

Technical Sessions

12:00-01:30PM TECHNICAL SESSION 1: (Civil Engineering)

VENUE: A

Session Chair: Engr. Prof. Dr. Atta Ullah Shah			
Session Co-chair: Engr. Dr. Mahboob Alam			
12:00 - 12:15	ICETEMS-21-xxx	Engr. Prof. Dr. Atta Ullah Shah (Invited Speaker)	Emerging trends in construction engineering and management
12:15 - 12:30	ICETEMS-21-009	Abid Ali	Experimentally Study on Confinement Effect and Efficiency of Concentrically Loaded RACFST
12:30 - 12:45	ICETEMS-21-018	Fazal E Ghafoor	To study the serviceability of pedestrian bridge and underpass in Pakistan
12:45 - 01:00	ICETEMS-21-035	Iftikhar Ahmad Khan	Design Modification and Modal analysis of Lower Labyrinth Seal of Francis Hydro turbine for sand contaminated water Khan Khwar power station a case study
01:00 - 01:15	ICETEMS-21-045	Khayyam Khaliq	Innovative techniques for Finding Moisture Content of Soil
01:15 - 01:30	ICETEMS-21-022	Muhammad Owais Gondal	Comparative Analysis of Cross-Laminated Timber and Reinforced Concrete Structures

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)**

October 13-14, 2021

Tentative Conference Program

12:00-01:30PM TECHNICAL SESSION 1: (Management Sciences)

VENUE: B

Session Chair: Prof. Dr. Waqar Alam			
Session Co-chair: Dr. Muhammad Anees			
12:00 - 12:15	ICETEMS-21-007	Sohail Shah	COVID-19 precautions of Pakistani banks: a qualitative study approach
12:15 - 12:30	ICETEMS-21-010	Muneeb Ul Haq Qazi	Factors influencing restaurant's electronic word-of-mouth: a study of Peshawar food diaries
12:30 - 12:45	ICETEMS-21-013	Dr. Aurangzeb	Role of leadership in digital transformation: A case of Pakistani SMES
12:45 - 01:00	ICETEMS-21-038	Muhammad Nauman Habib	Challenge Stressors and Faculty Job Performance: The Role of Career Success Satisfaction During Covid-19
01:00 - 01:15	ICETEMS-21-146	Muhammad Faisal Sultan	Outbreak of covid-19 and sustainability in hospitality industry: A quantitative analysis on use of crises management strategies
01:15 - 01:30	ICETEMS-21-071	Zunnoorain Khan	Impact of Procedural justice on job performance with mediating role of work Engagement and Effective organizational commitment and moderating role of Perceived organizational support in Telecom sector in Pakistan.

12:00-01:30PM TECHNICAL SESSION 1: (CS, IT & AI)

VENUE: C

Session Chair: Dr. Shahab Haider			
Session Co-chair: Dr. Zulfiqar			
12:00 - 12:15	ICETEMS-21-015	Rehan khan	A Novel Machine Vision-based X-ray Investigation for Various Chest Disease Detection
12:15 - 12:30	ICETEMS-21-016	Ihsan	Machine Vision-Based Tomato Plant Diseases Detection
12:30 - 12:45	ICETEMS-21-100	Muhammad Shaheer Mirza	A vision-based Pakistani sign language recognition system using machine learning
12:45 - 01:00	ICETEMS-21-101	Syeda Fatima Aijaz	Classification of healthy skin and plaque psoriasis via convolutional neural networks
01:00 - 01:15	ICETEMS-21-070	Shams Ullah Khan	Model for Component Based Outsourcing Software Development
01:15 - 01:30	ICETEMS-21-156	Rabia Naz	Transfer Learning-Based Feature Ensembling for Multi-Class Detection of Cov-19 and Pneumonia Using Lungs X-Rays

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)**

October 13-14, 2021

Tentative Conference Program

12:00-01:30PM TECHNICAL SESSION 1: (Mathematics)

VENUE: D

Session Chair: Dr. Sami Ullah Haq Session Co-chair: Dr. Taza Gul			
12:00 - 12:15	ICETEMS-21-158	Muhammad Imran Asjad (Invited Speaker)	Fractional modeling of Maxwell Fluid Flow Containing Clay nanoparticles
12:15 - 12:30	ICETEMS-21-005	Suleman Irshad	The Effect of Superparamagnetic Iron Oxide Nanoparticles on the Electroosmotic Blood flow with Heat and Mass Transfer: A Time Fractional Model
12:30 - 12:45	ICETEMS-21-037	Faiza	A Time Fractional Model of Brinkman Type Nanofluid with Ramped and Isothermal Wall Temperature and Concentration
12:45 - 01:00	ICETEMS-21-048	Maryam Khan	Time Fractional Analysis of Uniport Phenomena Based on Chemical Kinetics
01:00 - 01:15	ICETEMS-21-051	Zubair Ahmad	Dynamics of Love Affair of Romeo and Juliet through Modern Mathematical Tools: A Critical Analysis via Fractal-Fractional Differential Operator

12:00-01:30PM TECHNICAL SESSION 1: (Bio/Health)

VENUE: E

Session Chair: Prof. Dr. Muhammad Ismail Session Co-chair: Dr. Muhammad Ibrahim			
12:00 - 12:15	ICETEMS-21-157	Muhammad Shahid	Microbial Biofilm: an important weapon of microbes against antimicrobial
12:15 - 12:30	ICETEMS-21-102	Muhammad Uzair Khan	Prevalence of Antibiotic Resistant Bacteria among the Clinical Samples from Different Hospitals of Peshawar, Pakistan
12:30 - 12:45	ICETEMS-21-118	Mohammad Haroon Khan	Psychological Distress and its impact on Burnout of Healthcare professionals during the peak period of COVID-19
12:45 - 01:00	ICETEMS-21-065	Sarah	Impacts of antimicrobial resistance on the health security of Pakistan
01:00 - 01:15	ICETEMS-21-020	Suhair	Prevalence and antibiotic susceptibility of salmonella typhi isolated from tap water sources at district Peshawar
01:15 - 01:30	ICETEMS-21-239	Tanzila Khurshed	Socio-economic Status and Maternal Healthcare Services in Pakistan

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)**

October 13-14, 2021

Tentative Conference Program

12:00-01:30PM TECHNICAL SESSION 1: (Education/Social Sci/English) VENUE: F

Session Chair: Prof. Dr. Johar Ali			
Session Co-chair: Brig. Prof. Dr. Muhammad Younas			
12:00 - 12:15	ICETEMS-21-086	Khalid Khan	Role of students attitude, teachers and parents support towards efficacy of on-line learning
12:15 - 12:30	ICETEMS-21-095	Maria Jan	A correlational study of test anxiety and students' academic performance at college level in Khyber Pakhtunkhwa, Pakistan
12:30 - 12:45	ICETEMS-21-106	Nabeela Kiramat	Correlation between principals' leadership styles and teachers' perception of conflict resolution strategies at secondary level in Khyber Pukhtunkhwa.
12:45 - 01:00	ICETEMS-21-107	Nazish Khan	A correlational study of mindfulness and students academic achievement at higher secondary level in district Peshawar
01:00 - 01:15	ICETEMS-21-032	Fatima khaliq	Covid-19 and war metaphors; a linguistic projection through Pakistani advertisements
01:15 - 01:30	ICETEMS-21-063	Ashir Khan	Patriarchal Hegemony in the Short Stories of Kate Chopin

Lunch and Prayers Break 01:15-02:00 PM

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)**

October 13-14, 2021

Tentative Conference Program

02:30-04:30PM TECHNICAL SESSION 2 (Civil Engineering): VENUE: A

Session Chair: Engr. Dr. Mahboob Alam			
Session Co-chair: Engr. Dr. Asfandyar Ahmed			
02:30 - 02:45	ICETEMS-21-089	Inam ullah	Energy Wastage and Recovery Options in Buildings, using Blower door and Building Information Modelling
02:45 - 03:00	ICETEMS-21-093	Muhammad Sarmad Mahmood	Development and Validation of Compressive Strength of Marble Powdered Self-Compacting concrete containing Rice Husk Ash using Artificial Neural Network technique
03:00 - 03:15	ICETEMS-21-094	Syed Haroon Ali Shah	Experimental Investigation of Bacteria Based Self-Healing Concrete
03:15 - 03:30	ICETEMS-21-110	Wahab Ahmad	Investigation of the Effect of Varying Gradations on the Marshall Properties of Hot Mix Asphalt
03:30 - 03:45	ICETEMS-21-123	Muhammad Kashif	Catalytic conversion of used cooking oil (UCO) into high-grade chemicals
03:45 - 04:00	ICETEMS-21-147	Tariq Ali Chandio	Bibliometric analysis of nanofluid based enhanced oil recovery; Identifying current trends, gaps and future areas for multidisciplinary research
04:00 - 04:15	ICETEMS-21-149	Rooh Ullah	Facile functionalization of green nanomaterial in sustainable environment
04:15 - 04:30	ICETEMS-21-164	Muhammad Irfan	Ground-water Replenishment using Rainfall Harvesting Technique; A case study of Phase-VI Hayatabad, Peshawar, Pakistan.

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)**

October 13-14, 2021

Tentative Conference Program

02:00-04:30PM TECHNICAL SESSION 2 (Management Sciences): VENUE: B

Session Chair: Dr. Fayyaz Ali Shah			
Session Co-chair: Dr. Wali Ur Rehman			
2:30 - 02:45	ICETEMS-21-040	Masood Kalyar	Knowledge management capability, innovation ambidexterity, and firm performance: An empirical study
02:45 - 03:00	ICETEMS-21-041	Bashir Ahmad	The shades of green: Linking green transformational leadership and green innovation
03:00 - 03:15	ICETEMS-21-091	Shaban Ali	Impact of terrorism on the stock returns of commercial banks: Evidence from Pakistan Stock Exchange
03:15 - 03:30	ICETEMS-21-141	Niamat Ullah Khan	Impact of Abusive Supervision on Turnover Intention with Moderating Role of Psychological Contract Breach in Medical Sector of Khyber Pakhtunkhwa
03:30 - 03:45	ICETEMS-21-143	Manan Aslam	Analyzing market forces of fresh milk in Multan, Pakistan
03:45 - 04:00	ICETEMS-21-144	Muhammad Faisal Sultan	Pharmaceutical Marketing also depends upon Marketing Mix Elements. A Myth or Reality: Quantitative on Prescription Behavior of Physicians

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)**

October 13-14, 2021

Tentative Conference Program

02:00-04:30PM TECHNICAL SESSION 2 (Electrical Engineering): VENUE: C

Session Chair: Eng. Dr. Abdul Rauf Bhatti Session Co-chair: Eng. Dr. Muhammad Asif			
2:30 - 02:45	ICETEMS-21-135	Eng. Dr. Abdul Rauf Bhatti (Invited Speaker)	Selection of suitable city and its optimized location for the installation of Grid connected PV system
02:45 - 03:00	ICETEMS-21-084	Ahsan Zafar	A Review on Game Theory Methods for the Solution Related to Power System Problems
03:00 - 03:15	ICETEMS-21-113	Hina Zaheer	Mathematical Modeling and Analysis of Harmonic Filter to Reduce Total Harmonic Distortion due to Nonlinear Load
03:15 - 03:30	ICETEMS-21-117	Abdullah	Copper and iron losses minimization of hybrid excited switched flux partitioned stator machine
03:30 - 03:45	ICETEMS-21-199	Mujeeb Abdullah	Modeling of DC to DC Converter Using Interleaved Topology with Voltage Multiplier Cell for High Voltage Gain Ratio
03:45 - 04:00	ICETEMS-21-200	Mujeeb Abdullah	Multi Swarm Intelligence Algorithm Applied to Optimization Design Problems
04:00 - 04:15	ICETEMS-21-169	Ihtisham Ul Haq	Design and Fabrication of Cardiopulmonary Resuscitation Device (CPR)
04:15 - 04:30	ICETEMS-21-150	Naeem Ullah	Biological fuel cell as green alternative approach for Sustainable Bioenergy Production

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)**

October 13-14, 2021

Tentative Conference Program

02:00-04:30PM TECHNICAL SESSION 2 (Mathematics): VENUE: D

Session Chair: Dr. Arshad Khan			
Session Co-chair: Dr. Muhmmad Shuaib			
2:30 - 02:45	ICETEMS-21-066	Shabeer Ahmad	Fluctuating hydromagnetic flow of viscous fluid with heat and mass transfer in a rotating system: A time fractional model
02:45 - 03:00	ICETEMS-21-058	Matin Ahmad	Couette flow of viscoelastic dusty fluid passed a porous oscillating plates in a rotating frame along with heat transfer
03:00 – 03:15	ICETEMS-21-049	Hameed Khan	Electromagnetic flow of casson nanofluid over a vertical riga plate with ramped wall conditions
03:15 – 03:30	ICETEMS-21-050	Jamal Shah	Magneto hydrodynamics flow of time fractional model of casson nanofluid by using generalized fourier and fick’s law over an inclined channel

02:00-04:30PM TECHNICAL SESSION 2 (Education / English): VENUE: E

Session Chair: Prof. Dr. Nasir Jamal Khattak			
Session Co-chair: Dr. Zulfiqar Ali			
2:30 - 02:45	ICETEMS-21-064	Sumbal Naveed	Linguistic Analysis of Top Trending Social Media Neologistic Phrases in Pakistan
02:45 - 03:00	ICETEMS-21-069	Kashif Rehman	Typology of Swear Words in the Movies "Gangs of Wasseypur" Part I and II: A Semantic Analysis
03:00 - 03:15	ICETEMS-21-077	Habiba Shakir	The Role of Social Factors in Women's Use of Emojis
03:15 - 03:30	ICETEMS-21-116	Umair Khan	A Corpus based Study of Content Words for Forensic Analysis
03:30 – 03:45	ICETEMS-21-189	Muhammad Ishtiaq	The pre and post 9/11 conflicts between the first and the third worlds: a historical analysis of Hamid’s the reluctant fundamentalist
03:45 – 04:00	ICETEMS-21-188	Ihsan Ullah	Cultural displacement: a postcolonial critique of chnages’s in Hamid’s the reluctant fundamentalist
04:00 – 04:15	ICETEMS-21-104	Muhammad Iqbal	Teachers perceptions regarding multi grade teaching and its impact on students academic performance at primary level in Peshawar, KP

Tea Break and Prayers

04:30-05:00PM

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)
October 13-14, 2021**

Tentative Conference Program

05:00-06:00PM TECHNICAL SESSION 3 (Engineering & Architecture): VENUE: A

Session Chair: Prof. Zain ul Abedin Session Co-chair: Engr. Ahsan Zafar			
05:00 - 05:15	ICETEMS-21-012	Mohamed Afzal Ebrahim	Strategies for passive and hybrid cooling in buildings: a global and local perspective
05:15 - 05:30	ICETEMS-21-114	Ashraf khan	Performance investigation of hybrid excited flux reversal machine
05:30 - 05:45	ICETEMS-21-043	Abeera Hanan	Effectiveness of Passive Design Approach for A Climatically Suitable Building: Case Study of a Building in Karachi
05:45 - 06:00	ICETEMS-21-115	Ashraf khan	Design and implementation of railway track safety system.

Dinner and Certificate Distribution 07:00-09:00PM

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)**

October 13-14, 2021

Tentative Conference Program

Day-2 (October 14, 2021)

8:00-9:00AM	Registration	Registration Committee (Convener: Dr. M. Haroon Khan)
9:00-9:30AM	Guests to be seated	
09:30-09:35	Recitation from the Holy Quran	
09:35-09:40	National Anthem	
09:40-09:50	Review of day-1	Dr. M Haroon Khan
09:50-10:05	Keynote speaker-5	Prof. Dr. Shahzad Ali Khan (VC Health Services Academy)
10:05-10:20	Address by the Chief Guest	-----
10:20-10:30	Vote of Thanks	Dr. Farhad Ali
10:30-10:40	Concluding remarks	Prof. Dr. Sayed Minhaj Ul Hassan (VC CUSIT)
10:40-11:00	Shields Distribution	

Tea Break 11:00-11:30 AM

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)**

October 13-14, 2021

Tentative Conference Program

11:30-1:00PM TECHNICAL SESSION 4 (Electrical Engineering): VENUE: A

Session Chair: Engr. Dr. Muhammad Tariq			
Session Co-chair: Engr. Dr. Muhammad Asif			
11:30 - 11:45		Engr. Dr. Muhammad Tariq (Invited Speaker)	
11:45 - 12:00	ICETEMS-21-163	Riaz Khan	Arduino Based Improved Smart Solar PV System with Dual Axis Monitoring and Cleaning System
12:00 - 12:15	ICETEMS-21-085	Ahsan Zafar	A review on grid-connected robust control for ac/dc hybrid microgrids based on mixed sensitivity
12:15 – 12:30	ICETEMS-21-036	Imran Khan	Quantitative Analysis of the Effects of Obstructing Direct Line of Sight Communication in 5 GHz Band Using Metal Sheet
12:30 – 12:45	ICETEMS-21-097	Ashraf khan	Design and control of novel boost converter topology for renewable application
12:45 – 01:00	ICETEMS-21-098	Ashraf khan	Performance investigation of wound field flux switching machine

11:30-1:00PM TECHNICAL SESSION 4 (Management Science): VENUE: B

Session Chair: Dr. Aamir Nadeem			
Session Co-chair: Dr. Naveed			
11:30 - 11:45	ICETEMS-21-xxx	Prof. Dr. Khurram Shahzad (Invited Speaker)	United Nations' Sustainable Development Goals and Employee Green Behaviors
11:45 - 12:00	ICETEMS-21-166	Ilyas Sherin	Issues and financial awareness of small and medium enterprises in the newly merged districts of Khyber Pakhtunkhwa
12:00 – 12:15	ICETEMS-21-192	Moniba M. Sharif	Determinants of employee silence and its effect on behavioral outcomes: a study of hoteling industry of Peshawar
12:15 – 12:30	ICETEMS-21-180	Dr. Khuda Bakhsh	Performance appraisal system for secondary school teachers in Punjab

**FOURTH INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING,
MANAGEMENT AND SCIENCES (ICETEMS-2021)**

October 13-14, 2021

Tentative Conference Program

11:30-1:00PM

TECHNICAL SESSION 4 (Civil Engineering):

VENUE: C

Session Chair: Engr. Dr. Mahboob Alam Session Co-chair: Arch. Naseer Ahmed			
11:30 - 11:45	ICETEMS-21-165	Dr. Mahboob Alam	Impact of land-use changes on the design of irrigation channel; A case study of Joe-Sheikh canal in Peshawar, Pakistan.
11:45 - 12:00	ICETEMS-21-044	Khayyam Khaliq	Modified Laser Cross staff
12:00 - 12:15	ICETEMS-21-125	Hafsah Naseem	Exploring precincts of historic sites for tourism in Islamabad: case of access road to historic Rawat fort
12:15 – 12:30	ICETEMS-21-078	Muneeb Waseem	Energy Conservation using Conventional Fascia Brickwork of an Educational Building