

2nd INTERNATIONAL CONFERENCE ON INNOVATIONS IN INFRASTRUCTURE

15th -17th November, 2024

TECHNICAL SCHEDULE

SNO	TIME	ACTIVITY	ROOM
		15. 11. 2024 , FRIDAY (DAY- 1)	
		TECHNICAL SESSION - I	
		<i>Theme: Innovations in Transportation Infrastructure - A</i>	L305
1	02:00 PM - 02:15 PM	Analysis Of Factors Influencing Road Accidents	
2	02:15 PM - 02:30 PM	Mode Choice Modelling: A State-of-the-Art Literature Review	
3	02:30 PM - 02:45 PM	Formulating And Prioritizing Transit Supportive Policies To Augment Metro Ridership: An Integrated Choice And Latent Variable Approach	
4	02:45 PM - 03:00 PM	Accident Analysis And Crash Prediction Model For Mahatma Gandhi Expressway (NE-1)	
5	03:00 PM - 03:15 PM	Time Headway Analysis Of Four-Lane Divided Urban Road Under Mixed Traffic Condition	
6	03:15 PM - 03:30 PM	To Study The Vehicle-to-vehicle Interactions In Longitudinal As Well As In Lateral Directions For Different Pairs Of Vehicles In The Heterogeneous Traffic Condition In Different High-Speed Corridors	
7	03:30 PM - 03:45 PM	Analysis Of Road Safety In School Zone	
		TECHNICAL SESSION - II	
		<i>Theme: Innovation In Control & Defence - A</i>	L205
1	02:00 PM - 02:15 PM	Comparative Analysis of Sequential Least Squares and Kalman Filter Models for Real-Time Estimation of Navigational Parameters for UAVs	
2	02:15 PM - 02:30 PM	Gesture activated shock system, Military defence, Driver sleep alert, wearable shock device	
3	02:30 PM - 02:45 PM	Robust Haptic Shared Control Framework For Train Tele-driving Operation: Improving Safety And Efficiency	
4	02:45 PM - 03:00 PM	Design Of An Elected Control And Regenerative Braking	
5	03:00 PM - 03:15 PM	Deep Learning Based Smart Inverters Considering False Data Injection Attacks Detection	
6	03:15 PM - 03:30 PM	Feasibility Study Of Electricity Generation In A Hybrid Box-Type Solar Cooker: An Experimental Outcome	
7	03:30 PM - 03:45 PM	A Development Of A Robust Control Technique For Lane Keeping In Autonomous Vehicles	
		TECHNICAL SESSION - III	
		<i>Theme: Innovation In Control & Defence - B</i>	L205
1	03:45 PM - 04:00 PM	Evaluation Of Adaptive Traffic Control System (ATCS) And Signal Synchronization Using Microscopic Traffic Simulation: A Case Study Of Connaught Place	
2	04:00 PM - 04:15 PM	Design And Development Of Compliant Mechanism Based Microbot	
3	04:15 PM - 04:30 PM	Deep Learning Based Aerodynamic Coefficients Prediction In NACA0012 Airfoil	
4	04:30 PM - 04:45 PM	Autonomous Mobile Robots in Healthcare: Transport Automation, Localization, and Navigation	
5	04:45 PM - 05:15 PM	Estimation Of Aircraft Performance Under Steady Flight Condition	
6	05:15 PM - 05:30 PM	Analysis Of Mach Number At The Nose-tip Of Scram Jet	
		TECHNICAL SESSION - IV	
		<i>Theme: Innovations In Infrastructure Management - A</i>	L305
1	03:45 PM - 04:00 PM	Sustainable Solutions For Infrastructure Development: Analyzing Opportunities And Challenges In India	
2	04:00 PM - 04:15 PM	Role Of Transformational Leadership On Job Satisfaction For Private Sector Bank Employees	
3	04:15 PM - 04:30 PM	Infrastructure Of Inequality: Gender Disparities Among Migrant Women In Ahmedabad Construction Industry	
4	04:30 PM - 04:45 PM	The Impact of Paperless Trade on Trade Costs and Trade: Evidence from India-European Union Trade	
5	04:45 PM - 05:15 PM	The Impact Of Digital And Sustainable Trade Facilitation On Trade Costs And Trade Evidence From India-ASEAN Trade	
6	05:15 PM - 05:30 PM	The Dynamics Of Indian Exports: An ARDL-Based Analysis And The Transformative Potential Of Advanced Technologies On Export Competitiveness And GDP Growth	

		16. 11. 2024 , SATURDAY (DAY- 2)	
		TECHNICAL SESSION - V	
		Theme: Innovation In Energy	L205
1	11:30 AM -11: 45 AM	Improved Structure Of FOIMC Controller For Buck Boost Converter	
2	11:45 AM - 12:00 PM	CBF-FLL Control-based Voltage Source Converter For Power Quality Improvement In Distributed Power Generation System	
3	12:00 PM - 12:15 PM	Advanced-Ultra Supercritical Technology: An Efficient Approach To Power Generation With Greenhouse Gas Reduction	
4	12:15 PM - 12:30 PM	False Data Injection Attacks Modeling And Impact In Microgrids: Case Study Smart Inverters	
5	12:30 PM - 12:45 PM	Feasibility Analysis And Major Issues Of Grid Connected Solar Power Plant In Distribution Network	
6	12:45 PM - 01:00 PM	Optimized Design Of Controller Parameters For BLDC Motor Drives	
7	01:00 PM - 01:15 PM	Numerical Simulation For Lithium-Iron Phosphate Battery Cell SoC Estimation Based On Thermal Effect	
		TECHNICAL SESSION - VI	
		Theme: Innovations In Infrastructure Management -B	L305
1	11:30 AM -11: 45 AM	An Analysis Of Real Estate Property Ownership Of Women In Mumbai	
2	11:45 AM - 12:00 PM	Determinants Of Digital Infrastructure In Rural India: Empirical Evidence From Large-Scale Sample Survey Unit-Level Data	
3	12:00 PM - 12:15 PM	Heterogeneous Impact Of Hard And Soft Infrastructure On Trade And Economic Development: Empirical Evidence From BRICS+ Economies	
4	12:15 PM - 12:30 PM	Innovative Solution For Floods Due To Change Land Use Land Cover In Vadodara	
5	12:30 PM - 12:45 PM	Adoption Of E-commerce For Digitalization Of MSME: Analysis And Prioritization Of Barriers	
6	12:45 PM - 01:00 PM	A Experimental Investigation On Self-cleaning Characteristics Of Concrete Using Photocatalytically Active Supplementary Cementitious Material	
7	01:00 PM - 01:15 PM	Reclaimed Asphalt Pavement (RAP) In Sustainable Road Construction: A Comprehensive Review	
		TECHNICAL SESSION - VII	
		Theme: Innovation In Machine Learning	L305
1	03:00 PM - 03:15 PM	Segementation of Nuchal Translucency Using NBGVF for Abnormality Detection	
2	03:15 PM - 03:30 PM	Determination Of Injury Severity In Gandhinagar Using Machine Learning Techniques For Traffic Incidents	
3	03:30 PM - 03:45 PM	Detailed Study On Improvization In Attention Detection Technology	
4	03:45 PM - 04:00 PM	Crack Detection Using Deep Learning For Runway Health Monitoring	
5	04:00 PM - 04:15 PM	Advanced Crop Health Monitoring And Disease Detection System	
6	04:15 PM - 04:30 PM	Dynamic Bias Detection And Adjustment In AI/ML- Driven Traffic Management Systems For Urban Mobility Equity	
7	04:30 PM - 04:45 PM	A Review On Data-Driven Aerodynamic Modeling For Unmanned Aerial Vehicles	
		TECHNICAL SESSION - VIII	
		Theme: Innovations in Transportation Infrastructure - B	L205
1	03:00 PM - 03:15 PM	A Review On Public Bus Transportation Level Of Survice Framework By Considering The Perspective Of Users Satisfaction	
2	03:15 PM - 03:30 PM	Evaluation Of Public Bus Transit Performance By Using RIDIT And IPA Method	
3	03:30 PM - 03:45 PM	Development Of Time Headway Distribution Models For Intercity Expressway “ A Case Study On Mahatma Gandhi Expressway (NE-1)□	
4	03:45 PM - 04:00 PM	Innovations in Aerospace & Defence Analysis Of Commercial Aircrafts Based On Maneuverability Condition	
5	04:00 PM - 04:15 PM	A review and parametric study of overlay design methods for flexible pavement using Non-Destructive Test	
6	04:15 PM - 04:30 PM	Design A Multichannel RADAR Bands For Moving Target Detection	

		17. 11. 2024 , SUNDAY (DAY- 3)	
		TECHNICAL SESSION - IX	
		<i>Theme: Innovation In Iterdisciplinary Sciences -A</i>	L205
1	10:00 AM - 10:15 AM	Tetranuclear CoII4O4 Cubane Complex: Efficient Catalyst Towards Electrochemical Water Oxidation	
2	10:15 AM - 10:30 AM	Socioeconomic Barriers To Equitable Health Infrastructure In Urban India: A Sociological Analysis	
3	10:30 AM - 10:45 AM	AIInnovations In Rural Infrastructure: The Worlds Largest Grain Storage Plan Through Cooperative Ecosystem	
4	10:45 AM - 11:00 AM	Innovative Technological Practises For Sustainable Infrastructure Management	
5	11:00 AM - 11:15 AM	A comprehensive review of modern-day developments in high-rise construction	
6	11:15 AM - 11:30 AM	Assessing Accessibility: Evaluating Public and Private Infrastructure for People with Disabilities in Ahmedabad and Gandhinagar City	
		TECHNICAL SESSION - X	
		<i>Theme: Innovation In Iterdisciplinary Sciences - B</i>	L305
1	10:00 AM - 10:15 AM	Barriers To Innovation In Solid Waste Management	
2	10:15 AM - 10:30 AM	Streamlining the Shores : Blockchain in Global Shipping	
3	10:30 AM - 10:45 AM	A Review of Challenges in Utilizing Reclaimed Asphalt Pavement (RAP) for New Asphalt Mixtures	
4	10:45 AM - 11:00 AM	Computational Designing of 2T Perovskite-CIGS Tandem Solar Cell	
5	11:00 AM - 11:15 AM	Evaluating the Stabilization of Soft black Cotton Soil Using Different Sizes of Fine Recycled Concrete Aggregates	