

Technical Session Schedule

Paper ID	Paper Title	Venue	Date	Time (pm)
5	Application of ICT in parking system	V2	16th March	02:15 to 03:45
7	Enabling Technologies for Smart Energy Management in a Residential Sector: A Review	V1	15th March	02:15 to 03:45
9	Comparative study of Membrane Batch Reactor and Sequencing Batch Reactor performance to treat Hospital wastewater	V2	14th March	02:15 to 03:45
10	Design of Smart Lighting control for the Built Environment	V3	15th March	04:00 to 05:30
11	Spatial-temporal impacts of urban land use land cover on land surface temperature: Coimbatore	V6	14th March	04:00 to 05:30
12	Mechanical Properties of Low Carbon Binder for Smart and Sustainable Construction as Alternative to Ordinary Portland Cement	V2	15th March	02:15 to 03:45
15	Evaluation of Freeway Ramp Metering Application in Riyadh City Using Microsimulation	V2	16th March	02:15 to 03:45
18	Experimental Investigation of RC Corrugated Beams Strengthened with FRP Sheets	V3	15th March	02:15 to 03:45
22	Online Based Material Procurement System	V3	15th March	02:15 to 03:45
24	ROLE OF PARTICULATE MATTER ON AIR QUALITY ASSESSMENT OF DELHI	V4	15th March	02:15 to 03:45
28	Landslide Susceptibility Mapping along Highway Corridors in GIS Environment	V2	16th March	02:15 to 03:45
29	LOW COST PROJECTS OF THE SMART CITY IN INDONESIA AS DEVELOPING COUNTRY, THE CHALLENGES AND OPPORTUNITIES	V5	14th March	02:15 to 03:45
30	Mining IoT data for next generation Smart Cities	V4	15th March	04:00 to 05:30
31	Control Techniques to Optimize PV System Performance for Smart Energy Applications	V1	15th March	04:00 to 05:30
33	Thermal durability study of fly ash based geopolymer paste by incorporating potassium feldspar	V2	15th March	02:15 to 03:45
35	Age-Dependent Compressive Strength of Fly Ash Concrete using Non Destructive Testing Techniques	V2	15th March	02:15 to 03:45
36	Empowering Smart Cities through Community Participation: A Literature Review	V4	16th March	02:15 to 03:45
37	FATEHPUR SIKRI IS SMART CITY	V5	14th March	02:15 to 03:45
38	Traffic Data Collection and Visualization using Intelligent Transport Systems	V2	16th March	02:15 to 03:45
39	Application of Renewable Solar Energy with Autonomous Vehicles: A Review	V2	16th March	02:15 to 03:45
45	Influence of SCMs on flow properties of self-compacting mortar made with recycled fine aggregate	V2	15th March	02:15 to 03:45
46	WSN based Water Channelization: An Approach of Smart Water	V3	16th March	02:15 to 03:45
48	Removal of Pb(II) from Industrial Wastewater Using of CuO/Alg Nanocomposite	V2	14th March	02:15 to 03:45
50	Effect of elevated temperature on the residual compressive strength of normal and high strength concrete	V2	15th March	02:15 to 03:45
51	PLANNING FOR LOW CARBON SMART CITIES IN INDIA	V6	14th March	04:00 to 05:30
56	Comparative Cost Analysis of MMFX Bars in Indian Scenario	V2	15th March	02:15 to 03:45
57	Feasibility investigation of Energy Storage Systems of Hybrid Power System and its benefits to Smart Cities	V1	15th March	04:00 to 05:30

Paper ID	Paper Title	Venue	Date	Time (pm)
58	Investigating IoT Middleware Platforms for Smart Application Development	V4	15th March	04:00 to 05:30
65	THERMAL AND OPTICAL INVESTIGATION OF LIME MORTAR FOR REPETITIVE THERMAL LOADING	V2	15th March	04:00 to 05:30
67	Assessment of Municipal Solid waste management in Jammu City: Problems, Prospects and solutions	V2	14th March	02:15 to 03:45
70	Characterization of Municipal Solid Waste in High-Altitude Urban Areas of Western Himalayas: A Case Study of Kashmir	V3	16th March	02:15 to 03:45
73	FROM SMART CITIES TO CYBER SECURE AND HEALTHY CITIES – CHALLENGES	V4	15th March	04:00 to 05:30
75	A Review of Lake City Tehri as Smart City Tehri	V5	14th March	02:15 to 03:45
76	Forward Osmosis (FO) - Exploring Niche in Various Applications: A Review	V2	14th March	02:15 to 03:45
77	Smart Construction: Case of '3-5' Prefab Technology for Sustainable Mass Housing	V3	15th March	04:00 to 05:30
78	Climate Responsive Techniques in Heritage Buildings	V6	14th March	02:15 to 03:45
79	SPATIO-TEMPORAL ANALYSIS OF URBAN AIR QUALITY: A COMPREHENSIVE APPROACH TOWARDS BUILDING A SMART CITY	V4	15th March	02:15 to 03:45
80	INVESTIGATION OF POSSIBILITY OF UTILIZATION OF BOTTOM ASH IN CONCRETE	V2	15th March	04:00 to 05:30
82	Analytical Investigations of UHPFRC under Blast Loading	V2	15th March	04:00 to 05:30
83	Utilities and Services in Smart Cities: A case study of Jaipur City	V3	16th March	02:15 to 03:45
84	Trend analysis of Temperature using CRU data for Satluj River Basin	V5	14th March	04:00 to 05:30
86	Techno-economic feasibility analysis of hybrid system	V1	15th March	02:15 to 03:45
88	Review of dSPACE 1104 Controller and Its Application in PV	V1	15th March	02:15 to 03:45
89	GENDERED PERCEPTION ON URBAN SECURITY IN DELHI	V1	16th March	02:15 to 03:45
90	Green buildings- The currency of smart cities: An India and China based comparative analysis	V5	14th March	02:15 to 03:45
92	Comparative study of Fuzzy logic and ANFIS based MPPT of PV Systems	V1	15th March	02:15 to 03:45
93	India's Lethal Informal E-Waste Recycling: A case study of Delhi and NCR region	V2	14th March	02:15 to 03:45
94	A Critical Study of the Effect of Metakaolin along with PVA and Glass Fibres on the Properties of Self-Compacting Concrete	V2	15th March	04:00 to 05:30
97	Nutrient removal by Four aquatic plants from primary treated sewage	V2	14th March	02:15 to 03:45
98	Modeling Security Threats for Smart Cities: A STRIDE based Approach	V1	16th March	02:15 to 03:45
101	A Novel Approach in Selection of Municipal Solid Waste Incinerator (MSWI) Ash as an Embankment Material: VIKOR Method	V2	14th March	04:00 to 05:30
103	Reducing disaster risks in Indian Smart Cities: A five-stage Resilience Maturity Model (RMM) approach	V1	14th March	04:00 to 05:30
104	HEALTH MONITORING OF ROAD NETWORKS USING HDM-4 MODEL FOR SMART PAVEMENT MAINTENANCE MANAGEMENT SOLUTION	V2	16th March	02:15 to 03:45
108	INTELLIGENT URBANISM GUIDING THE CITY REGION DEVELOPMENT – CASE STUDY OF BHOPAL	V4	16th March	02:15 to 03:45
109	Environmental Infrastructure for Cardiac Health Care	V1	14th March	02:15 to 03:45
111	3D Printing: A Robust Smart Tool for Every Field of Engineering	V4	15th March	04:00 to 05:30
112	Probabilistic Seismic Hazards Maps for District of Pathankot (Punjab)	V1	14th March	04:00 to 05:30
124	Characterizations of Red Mud as a Landfill Cover Material	V2	15th March	04:00 to 05:30
125	Heritage and Planning on the Ghats of Banaras - Smart City	V6	14th March	02:15 to 03:45
128	Mitigating Terror Threats in Indian Smart Cities	V1	16th March	02:15 to 03:45
130	Analysing challenges towards development of smart city using WASPAS	V4	15th March	04:00 to 05:30
131	Challenges of IoT implementation in Smart City Development	V4	15th March	04:00 to 05:30
134	Challenges in Shallow Tunneling in Soft Soils- A Review	V4	16th March	02:15 to 03:45

Paper ID	Paper Title	Venue	Date	Time (pm)
135	Performance Assessment Indexing of Buildings Through Fuzzy-AHP Methodology	V1	14th March	04:00 to 05:30
136	A perspective on migration and community engagement in Smart Cities	V6	14th March	04:00 to 05:30
138	Utilization of Bamboo bars in Reinforced Concrete	V5	14th March	04:00 to 05:30
143	Seismic Analysis of Pile Foundation Passing through Liquefiable Soil	V3	15th March	02:15 to 03:45
150	Effect of Tunnel Construction on the Settlement of Existing Pile Supported Superstructure	V3	15th March	02:15 to 03:45
151	Analysis of Logistical Barriers Faced by MNCs for Business in Indian Smart Cities Using ISM-MICMAC Approach	V4	16th March	02:15 to 03:45
153	Post-Earthquake Assessment of Buildings Using Deep Learning	V1	14th March	04:00 to 05:30
155	PRIORITIZATION OF SUB-WATERSHEDS BASED ON MORPHOMETRIC ANALYSIS USING REMOTE SENSING AND GIS TECHNIQUES	V4	15th March	04:00 to 05:30
156	Highway Gradient Effects on Hybrid Electric Vehicle Performance	V2	16th March	02:15 to 03:45
163	Best Practices of BRTS in Indian Smart Cities: Key Implementation Issues and Possible Solutions	V6	14th March	04:00 to 05:30
164	URBAN FLOODING – A CASE STUDY OF CHENNAI FLOODS (2015)	V4	16th March	02:15 to 03:45
166	Mechanical Performance Evaluation of Concrete with Waste Coarse Ceramic Aggregate	V2	14th March	04:00 to 05:30
171	Effective Grid-Connected Solar home -based System for Smart Cities in India	V1	15th March	04:00 to 05:30
172	Exploring the Attributes of a City that Impacts Organizations A Study Based on Prayagraj, a Prospective Smart City	V6	14th March	04:00 to 05:30
173	Role of Directly Connected Impervious Areas for Green Infrastructure in Urban Areas	V1	14th March	02:15 to 03:45
177	ANN based prediction of PM2.5 for Delhi	V2	14th March	04:00 to 05:30
183	STREAMFLOW MODELING FOR A PENINSULAR BASIN IN INDIA	V5	14th March	04:00 to 05:30
186	MPP technique with Modified PSO using Cuk converter under dynamic environmental conditions	V1	15th March	04:00 to 05:30
188	CNTFET Based Input Buffer for High Speed Data Transmission	V5	14th March	04:00 to 05:30
192	EFFECT OF CONDENSING COVER ON YIELD OF PASSIVE SOLAR STILL	V1	15th March	02:15 to 03:45
196	A STUDY ON MODELLED GRANULAR COLUMN OF VARIOUS DIAMETERS IN SOILS	V3	15th March	04:00 to 05:30
198	A need for City Specific Water Policies–A Case Study of Kabul City: Afghanistan.	V1	14th March	02:15 to 03:45
203	Effective Wireless transmission Scheme based Solar System for Smart cities development	V1	15th March	04:00 to 05:30
206	Experimental study on concrete prepared by partial replacement of cement & aggregates with expansive soil, e-waste & plastic waste (Concept of smart construction techniques)	V3	15th March	04:00 to 05:30
211	Vulnerability Assessment of a Reinforced Concrete Building Frame	V1	14th March	04:00 to 05:30
212	Solid wastes as aggregates in concrete.	V2	14th March	04:00 to 05:30
215	Durability of Soil Blended with Flyash	V3	15th March	04:00 to 05:30

Paper ID	Paper Title	Venue	Date	Time (pm)
216	SOLID WASTE MANAGEMENT A KEY FACTOR IN SMART CITY DEVELOPMENT: A CASE STUDY OF VEGETABLE MARKET WASTE MANAGEMENT IN BHOPAL	V4	15th March	02:15 to 03:45
217	Impact of Nanotechnology in the development of Smart Cities	V2	15th March	04:00 to 05:30
218	Analysing Synergy between Urban planning and Urban design with Sustainable consumption in cities	V6	14th March	04:00 to 05:30
219	Air quality scenario of world's most polluted city Kanpur: A Case Study	V2	14th March	04:00 to 05:30
221	Dynamic Programming based Decision-making Model for Selecting Optimal Air Pollution Control Technologies for an Urban Setting	V5	14th March	04:00 to 05:30
222	Examining the Role of Urban Planning with respect to Smart Cities in India: Case Study of Surat	V6	14th March	02:15 to 03:45
223	Impact of Various Environmental Factors on Accidents of a City, A Case of Bhubaneswar, Odisha	V1	16th March	02:15 to 03:45
225	Assessment of Governance in Smart Cities across the globe	V4	16th March	02:15 to 03:45
226	Design of an Energy Efficient Airport using TEG on Runways	V3	16th March	02:15 to 03:45
227	Mmwave networks for smart cities	V3	16th March	02:15 to 03:45
228	Sustainable Design of Textile Industry Effluent Treatment Plant with Constructed Wetland	V2	14th March	04:00 to 05:30
229	Growth with Optimization: Can Smart Cities Assist in Environmental Limpidness in India?	V6	14th March	04:00 to 05:30
231	WATER POLLUTION CONTROL MEASURES & MANAGEMENT FOR CREATING SUSTAINABLE ENVIRONMENT BY CONSERVING NATURAL RESOURCES: CASE OF ALIGARH SMART CITY	V4	15th March	02:15 to 03:45
232	Smart City: Concept, Barriers and Strategies in Indian Context	V5	14th March	02:15 to 03:45
234	Aquifer Modelling in Greater Noida region (U.P) using MODFLOW	V5	14th March	04:00 to 05:30
240	Batch & column studies on fluoride removal using electrocoagulation employing aluminium perforated electrodes: adsorption isotherms and kinetics	V2	14th March	04:00 to 05:30
241	Waste Nano Carbon Black as an Additive to Bitumen and Bituminous Mix	V2	15th March	04:00 to 05:30
243	Landslide susceptibility assessment due to construction of buildings in garhwal area using GIS	V1	14th March	04:00 to 05:30
245	SEISMIC PERFORMANCE EVALUATION OF FRAMES WITH SHEAR WALL	V1	14th March	04:00 to 05:30
247	Towards a unifying approach to city sustainability on the changing expression of urbanisation in Bengaluru	V6	14th March	02:15 to 03:45
248	Seasonal Characterization of Municipal Solid Waste of City Jammu, India	V4	15th March	02:15 to 03:45
253	Agro Residual Biomass Conversion: A Step Towards Pollution Control and Sustainable Waste Management	V4	15th March	02:15 to 03:45

VENUE LOCATION	
V1	Committee Room, 1st Floor, Faculty of Engg. & Tech.
V2	Committee Room, Training & Placment, 3rd Floor, Faculty of Engg. & Tech.
V3	Committee Room, 1st Floor, Arabic Culture Center
V4	Committee Hall, 1st Floor, Arabic Culture Center
V5	Seminar Room, 1st Floor, Faculty of Engg. & Tech. (Room No. 125)
V6	Seminar Room, Deans Office, Faculty of Engg. & Tech.