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On
Research and Innovations in Science, Engineering & Technology (ICRISET -2020)
04-05 September 2020
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(Engineering College)
(An Autonomous Institution)
Managed by Charutar Vidya Mandal
Vallabh Vidyanagar, Anand, Gujarat, India-388120
Civil Track Schedule - Day 1

Theme	Sub-Theme	Google Meet Link	Session ID	Session Date /Day /Time	Paper ID	Title	Authors
Civil Track	Construction Engineering & Management	https://meet.google.com/emq-vbem-dha	CE04_VR1	04th September, 2020 Friday 12:30 pm to 2:30 pm	121	Strategic Approaches to Managing Human Resources in Construction Industry: A Review	Shyamal Parakhiya, Dr. Jayeshkumar Pitroda
					123	Recruitment, Selection and Training of Human Resource in Construction: A Review	Pratiksha Dhabuwala, Dr. Jayeshkumar Pitroda
					125	Implementation of Total Quality Management in Construction Company: A Review	Alish Hathiwala, Dr. Jayeshkumar Pitroda
					127	Quality Management System in construction: A Review	Chirag Patel, Dr. Jayeshkumar Pitroda
					128	Risk Analysis and Mitigation Technique in Transportation Industries: A Review	Jyotin Rana, Dr. Jayeshkumar Pitroda
					143	APPLICATION OF DIFFERENT TECHNIQUES FOR COST CONTROLLING AND MONITORING IN CONSTRUCTION PROJECTS: A REVIEW PAPER	Mohammad Yousuf Mohammad Sediq, Dr. Jayesh Kumar Pitroda
					198	A NEURAL NETWORK APPROACH TO DESIGN REALITY ORIENTED COST ESTIMATE MODEL FOR INFRASTRUCTURE PROJECTS	Nirajkumar Suneja, Jagruti Shah, Zankhana Shah
					147	Cost and Time Overrun in Various Construction Projects: A Review	Varun Shah

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Civil Track	Construction Engineering & Management	https://meet.google.com/prh-locn-vke	CE04_VR2	04th September, 2020 Friday 12:30 pm to 2:30 pm	150	Risk Analysis and Mitigation Techniques in High Rise Buildings: A Review	Umesh Patel, Dr. Jayeshkumar Pitroda
					152	Construction Finance and Accounting: A Review	Rahul Bhadeshiya, Dr. Jayeshkumar Pitroda
					190	Software Risk Management in Construction Projects: A Review	Chirag Parmar, Dr. Jayeshkumar Pitroda
					292	Sick Building Syndrome: A Review	Rahul Hadiya, Dr. Jayeshkumar Pitroda
					300	Automation in Wall Construction	Jayraj Bhadkan
					323	Applications of Artificial Intelligence in Construction Industry: A Review	Rahul Hadiya, Hani Upadhyay, Dr. Jayeshkumar Pitroda
					202	Evaluating the Priority Index for the Infrastructural Planning of Smart City- A Case Study of Vadodara	Ritika Kashyap, Jagruti Shah
					22	Floor Area – Carbon Emission Relationship of Multi Residential Buildings for a Typical Metropolis: A Case of Surat City	Dr. Digant A. Pastagia
					327	IMPLEMENTATION OF LEAN TOOL IN INDIAN CONSTRUCTION PROJECT-CASE STUDY	Aniruddhsinh Sadhaliya, Prof. Jagruti Shah

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Civil Track	Environmnetal Engineering	https://meet.google.com/kdz-dgis-kkq	CE04_VR3	04th September, 2020 Friday 12:30 pm to 2:30 pm	62	Design of Setup for the Production of Methane	Satyam Kumar, Fahd Hussain, Dr. Shefali
					75	Vermicomposting Technique for Starch based food wastes by using Eisenia Fetida and its optimization by ANN	Amar Kumar Das, Saroja Kumar Rout
					339	A Review Paper on Growing Photo Voltaic Cell Waste, Its handling, Recovery and Disposal	Waseem Raja, Dr. Reshma Patel, Jignesh Brahmabhatt
					162	VIABILITY OF WASTE PAPER SLUDGE AS SUPPLEMENTARY CEMENTITIOUS MATERIAL IN CONCRETE	Sahil Kumar, Takoliya Abhishek, Prof. C.B. Mishra, Prof. Sachin Raval
					188	EVALUATION OF CARBON FOOTPRINT IN SOUTHEAST ZONE OF SURAT CITY	Vaishali Raj, Dr. Mehali Mehta
					231	Performance Evaluation of Phytocapping As Covering For Sanitary Landfill Sites	Bhavya Shah, Dr. Mehali Mehta, Abhishek Khapre
					258	Textile waste management: A pathway for sustainable growth in textiles	Shweta Doctor, Dr. P. A. Khatwani
					393	Mathematical Analysis of the Ocean Plastic Pollutants	Mr. Dhaval Kambaliya, Mr. Vatsal Shah, Mr. Galav Bhatt, Dr. Truptiben Desai, Prof. Neha Patel

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Civil Track	Environmetal Engineering	https://meet.google.com/zcq-qneu-cjk	CE04_VR4	04th September, 2020 Friday 3:00 pm to 5:00 pm	281	An Approach towards Sustainable Storm	Dr. Khadeeja Priyan, Abitha Joppan,
					306	A study of Ambient Noise Quality Monitoring of G.I.D.C. Vitthal Udyognagar, Gujarat	Bhavin Patel, Axay Shah, Prakash Dabhi
					308	India's Industrial Disasters are Still Unfolding: A Review Article	Kruti Bhatt, Prof. Jignesh Brahmabhatt
					309	A Comparative Study of Peroxi-coagulation and Peroxi- photo coagulation Methods for Treatment of Petrochemical RO Reject: Optimization and Kinetic Study	Vishal Sandhwar, Shivendu Saxena, Diksha Saxena, Basheswar Prasad, Rohit Lade
					148	Synthesis of bi-metallic doped Cu-Ni/TiO2 Photo-catalyst and decomposition of Industrial dyes	Amit Behera
					387	Studies on development of online measurement of PM2.5 and PM10 releasing from industrial flue gas stack.	Gaurangkumar Ban, Jayesh Ruparelia
					390	Comparative study of Waste Utilization for Paver Blocks	Chaitali Tamboli, Prof. Jignesh Brahmabhatt
					419	Treatment of Synthetic Textile Wastewater Using Ultrasonication as Advanced Oxidation Process	Ayush Singh, Uttamkumar R Tanwar, Vishal Sandhwar, Rohit Lade, Shivendu Saxena

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Civil Track	GIS/GPS	https://meet.google.com/auc-aeqd-hbt	CE04_VR5	04th September, 2020 Friday 3:00 pm to 5:00 pm	68	Accessibility Analysis and Proposal for Health Infrastructure in Ahmedabad using GIS	Rajnandi Patel, Jagruti Shah, Bhasker Vijaykumar Bhatt
					83	Storm water Drainage Network Design and GIS mapping for emerging smart city of Gujarat- Dahod	Parmar Noel, Prof. Jagruti Shah, Prof. (Dr.) Indrajit Patel
					137	Use of GIS and GPS in Construction Management and Infrastructure Projects: A Review	Rajankumar Yadav, Dr. Jayeshkumar Pitroda
					145	Construction Equipment Management by GIS and GPS: A Review	Dhruvkumar Patel, Dr. Jayesh Pitroda
					210	Quantitative morphometric analysis using remote sensing and GIS: A case study of Burhi Gandak river Bihar India	Niraj Kumar, Santosh Kumar, Shiwanshu Shekhar, Pranav Kumar, Abhishek Kumar Choudhary
					252	Verification of underground utilities using GPR	Rutvi Patel, Shivani Khetani, Avinash Yadav, Jenus Mehta, Poorav Shah
					20	HAZARDOUS WASTE MANAGEMENT THROUGH PLASTIC BRICK*	Mr. Subhojit Chattaraj, Mr.Kaustav Das
					322	APPLICATION OF SENTINEL 2 DATA FOR EXTRACTION OF FLOOD INUNDATION ALONG GANGA RIVER, BIHAR	Manisha Kashyap, C.M Bhatt, J.S. Rawat, Krunal Suthar

Theme	Sub-Theme	Google Meet Link	Session ID	Session Date /Day /Time	Paper ID	Title	Authors
Civil Track	Infrastructure Engineering / Construction Management	https://meet.google.com/cdg-tics-wuf	CE04_VR6	04th September, 2020 Friday 3:00 pm to 5:00 pm	54	PATHWAY OF CLIMATE CHANGE – A CASE STUDY OF VADODARA	Bhargavi Potdar, Bhargavi vankar, Neha Vankar, Prof. C. B. Mishra
					84	Identification and Assessment of factors affecting village design under “Saansad Adarsh Gram Yojana(SAGY) – A case of Gujarat State, India”	Vivek N. Desai, Prof. Jagruti Shah Prof. (Dr.) Indrajit Patel
					99	Quality of Life Assessment of EWS People- A Case Study of Ahmedabad City	Jagruti Shah, Dhruv Gandhi, Indrajit Patel, Amit Shah
					122	Comparison Between MIVAN Formwork over Conventional Formwork: A Review	Deep Mistry, Dr. Jayeshkumar Pitroda
					126	Energy Efficiency in Green Building to Achieve Sustainability: A Review	Jeet Parikh, Dr.Jayeshkumar Pitroda
					134	Water Efficiency and Management in Green Building: A Review	Ashish Phanse, Dr. Jayeshkumar Pitroda
					365	Effect of Urban Heat Island Measured in Anand city, Gujarat	Disha Bera, Jagruti Shah, Dr. Rajiv Bhatt
					160	Fire Risk Assessment of Public Buildings In Vadodara District	Priya Kotecha, Jagruti Shah

Theme	Sub-Theme	Google Meet Link	Session ID	Session Date /Day /Time	Paper ID	Title	Authors
Civil Track	Water Resources Engineering	https://meet.google.com/kur-goqv-daf	CE04_VR7	04th September, 2020 Friday 3:00 pm to 5:00 pm	61	LAND USE LAND COVER DYNAMICS IN INDORE DISTRICT USING REMOTE SENSING AND GIS	PRANSHU TIWARI
					109	CLIMATE MODELLING: An evolving science dealing with global water challenges	Manali Shah
					196	DETERMINATION OF CROP WATER REQUIREMENT TO DESIGN OF IRRIGATION FACILITY FOR RIKHEY VILLAGE	Sanjit Kumar Bhattarai
					269	IMPACT EVALUATION OF WATERSHED DEVELOPMENT PROJECT ON CROPPING PATTERN AND PRODUCTION PATTERN IN KARWADI-NANADAPUR WATERSHED IN MAHARASHTRA	Nitin Patil, Ashok Kadale
					277	Land Cover Change Quantification in a Watershed Using Geographical Information System & Remote Sensing Techniques A Case Study of Anand Region	Rajansinh Zala, Saurabh Mali, Bhavesh Gohil

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Civil Track	Transportation Engineering	https://meet.google.com/pdo-dnre-rac	CE04_VR8	04th September, 2020 Friday 3:00 pm to 5:00 pm	66	Effect Of Traffic Composition On Stream Equivalency Factor	Milan P. Kacha, Ankit H. Patel, Pinakin Patel, Dr. L.B. Zala
					67	Speed Estimation Model of Vehicle at Horizontal Curves on Two-lane Highway	Ankit H. Patel, Pinakin N. Patel, L.B. Zala
					79	Design & Analysis of Rigid Pavement Subjected to Multi Axle Load & Temperature Effect	Parsania Vatsal, Dr. L.B. Zala, Dr. U.J. Solanki
					88	ANALYSIS OF PRIVATE VEHICLE OWNERSHIP AND IPT VEHICLE SCENARIO IN AHMEDABAD	Rena N. Shukla, Kavisha Shah
					103	Design and Structural Assessment for Runway Pavement	Ayushi P Shah, L.B. Zala, Amit A. Amin
					177	COVID-19 AND TRANSPORTATION SECTOR (EFFECTS, CHALLENGES AND PROSPECTS)	Auwal Alhassan Musa, Shashivendra Dulawat, Lasmar Garba
					153	Utilization of Reclaimed Asphalt Pavement material in Wet Mix Macadam (W.M.M)	Ajaykumar Sejavani, Laxmansinh Zala, Amit Amin
					407	Experimental Analysis of Non Linear Stress In Plain Rigid Pavement	Dharmik Modha, Jagruti Shah