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04-05 September 2020
Organized by
Birla Vishvakarma Mahavidyalaya
(Engineering College)
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Managed by Charutar Vidya Mandal
Vallabh Vidyanagar, Anand, Gujarat, India-388120
Structural Track Schedule - Day 1

Theme	Sub-Theme	Google Meet Link	Session ID	Session Date /Day /Time	Paper ID	Title	Authors
SE Track	Analysis & Design	https://meet.google.com/aim-pkue-hmy	SE04_VR1	04th September, 2020 Friday 12:30 pm to 2:30 pm	37	FRACTURE ANALYSIS OF REINFORCED CONCRETE (RC) BEAM	Aniket Salunkhe
					71	Analysis of the Structural Behaviour and Sensitivity of Skewed Bridges	Smita Gaikwad
					73	Performance Improvement for Existing Industrial Structure	Aditya Kate
					74	Structural Health Monitoring of Superstructure of Composite Bridge Model using Wired Sensors	Irshad Nadaf and Chandrakant Pol
					97	Nonlinear progressive collapse evaluation of power transmission tower	Sanket Gaikwad and Shrirang Tande
					102	Optimization of Trusses Using Genetic Algorithms	Divyesh Solanki, Vishal Arekar and Vishal Patel

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SE Track	Analysis & Design	https://meet.google.com/qwi-hchf-qhj	SE04_VR2	04th September, 2020 Friday 12:30 pm to 2:30 pm	111	Application of Teaching Learning Based Optimization Algorithm for optimizing in Reinforced Cement Concrete buildings for design eccentricity	Dixit Patel, Vishal Arekar and Prof. Vishal Patel
					115	PARAMETRIC STUDY OF HIGH RISE BUILDING WITH STAGED CONSTRUCTION ANALYSIS	<u>Suraj Pol</u>
					170	Performance Evaluation using Fragility Analysis of RC Frame - Wall Structures	Khushali Desai, Rutvik Sheth and Keyur Patel
					260	Determination of SSCT of HSC Beams with WASPAS Method : A Comparative Study	Gopal Behera
					270	A Review on "Torsional Behavior of Rectangular Reinforced Concrete Beams with Encased Welded Wire Mesh Fiber."	Vivek Mane and Nandkumar Patil

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SE Track	Concrete Technology	https://meet.google.com/mzq-ydpc-efh	SE04_VR3	04th September, 2020 Friday 3:00 pm to 5:00 pm	34	Relationship between Compressive Strength and Flexural Strength of High Strength Bacterial Concrete using Multiple Regression Models	Jaydeep Chavda and Dr. Jayeshkumar Pitroda
					36	Effect of Water Temperature on the Compressive Strength of Silica Fumes based Porous Concrete	Aniket Kumar Sharma, Shobhit Pandey, Ayush Jain and Shreya Shekhar
					154	Use of Silica Fume and Stone Dust as a Partial Replacement in Concrete	Tausif Kauswala
					155	Mechanical and Durability Properties of Self Compacting Concrete: A Review	Harikrishna Shapariya and Dr. Jayeshkumar Pitroda
					165	Prediction of Compressive and Tensile Strengths of Zeolite Blended Concrete in Rigid Pavement using Artificial Neural Network	Sushant Waghmare, Amey Katdare and Nandkumar Patil
					166	TO ENHANCE MECHANICAL PROPERTIES OF CEMENT CONCRETE PAVEMENT BY USING POLYPROPYLENE FIBRE AS REINFORCED MATERIAL	Ravindranath Gupta, Shashivendra Dulawat and Himanshu Kumar Sadhya
					263	Review of application of plain and calcined bentonite as a cement blending material in concrete and mortar	Mayur Maske, Nandakumar Patil and Amey Katdare

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SE Track	Concrete Technology	https://meet.google.com/yrh-wbbh-vur	SE04_VR4	04th September, 2020 Friday 3:00 pm to 5:00 pm	237	An experimental investigation on the study of self-healing effect of Bacillus pasteurii bacteria of different cell concentration and studying the self-healing process effect in the cracks of the existing element.	Dr Deepa Sinha
					240	Comparison of Concrete Mix Design Methodology as per IS-10262-2009 and IS-10262-2019	Arpit Gondaliya and Rutvik Sheth
					244	EFFECT OF GRADED FIBER ON NORMAL STRENGTH CONCRETE	Subhasri Panda and Gopal Charan Behera
					409	USE OF CONSTRUCTION AND DEMOLITION WASTE AS REPLACEMENT OF FINE AGGREGATE IN CONCRETE PAVING BLOCK	Gaurang Vani, Prof. Jagruti Shah and Dr. Indrajit Patel
					178	Bendable Concrete: A Review	Rahul Hadiya and Dr. Jayeshkumar Pitroda

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SE Track	Dynamics	https://meet.google.com/jfp-xhch-fou	SE04_VR5	04th September, 2020 Friday 3:00 pm to 5:00 pm	32	Performance Evaluation of Flat Slab Building with and without Shear Wall using Nonlinear Dynamic Analysis	Noopur Kikani, Rutvik Sheth and Devesh Soni
					72	Dynamic Analysis of Reticulated Roof Shell Structures	Chirag Magar
					85	Seismic Analysis of Reinforced Concrete Arch Dam	Saurabh Balve and Shrirang Tande
					92	Review on Modification of Response Reduction Factor of Elevated Water Tank	Vimleshkumar Agrawal and Indrajit Patel
					96	Comparative Study of Seismic Response of Irregular Shaped Columns using Pushover Analysis	Pratik Madane and Shrirang Tande
					151	COMPARATIVE STUDY OF SEMI-ACTIVE DAMPER SYSTEMS FOR LIQUID STORAGE TANKS	Hardik Jograna
					262	EFFECT OF BIDIRECTIONAL INTERACTION ON SEISMIC RESPONSE OF TFP ISOLATED STRUCTURE	Meet Prajapati
					385	Performance of Lateral Loads Resisting Systems for Tall Steel Structure	Amit Mali, Hiral Luhar, Snehal Mevada, Dipak Mali and Rajesh Sonagara
					388	Seismic Behavior of Asymmetric Building with Re-entrant Corners	Ketan Makwana, Anjali Mistry, Snehal Mevada, Jahnvi Tandel, Kashyap Khatri and Keval Kalsaria