

Sr. No	Year	Title of Paper	Name of Authors	Journal name	National / International
1	2011	Effect of Pylon Shape on Analysis of Cable-Stayed Bridges	N.D Shah, Dr J A Desai, Dr H. S. Patil	Journal of Engineering Research and Studies(JERS)	International
2	2013	Aerostatic Analysis of Cable-Stayed Bridges using Sap:200 , A Parametric Study	N.D Shah, Dr J A Desai	International Journal of Earth Sciences and Engineering	International
3	2013	A Survey of High Performance Concrete Developments in Civil Engineering Field	Vatsal Patel, Niraj Shah	Open Journal of Civil Engineering	National
4	2014	Durability Properties of porcelain waste based high-performance concrete	Vatsal Patel	Magazine of Concrete Research/ Institute of Civil Engineers	International
5	2014	Destruction of azo dyes by anaerobic –aerobic sequential biological treatment: a review	S. Popli, Upendra D Patel	Int J. Environ. Sci. Technol	International
6	2014	Durability of Normal Strength Concrete- An Experimental Study	Vatsal Patel, Dr. Niraj Shah	Wessex Institute of Technology	International
7	2015	Impacts of urbanization on Indian summer monsoon rainfall extremes	Shastri, H., S. Paul, S. Ghosh, and S. Karmakar	Journal of Geophysical Research: Atmospheres	International
8	2015	Electro Chemical decolourization of reactive black 5 in an undivided cell using Ti and graphite anodes: Effect of Polypro coating on anodes	Snehal A Popli, Upendra D Patel	J. Electrochem. Sci. Eng	International
9	2015	Evaluation of Shear Wall-RC Frame Interaction of High-rise Buildings using 2-D Model Approach	Dipali Patel, J. A. Amin	Journal of Materials and Engineering Structures	International
10	2015	Craft Production at Navinal: A Harappan Settlement in Kachchh District, Gujarat	Rajesh S.V., Shaikh, Saleem Chase, B. Rawat, Y. S. Patel, A. Abhyan, G. S. Ajitkumar, C. Gadekar, Charusmita Raja, H. Uesugi, Akinori Vinod, V. Rejinimol, M. N. Sukumaran, P	Atulya Varso	National
11	2016	Flip flop os day night and summer winter surface urbam heat island intensity in India	Shastri, H., Beas B, S. Ghosh, Sadavrate P., and Venkataraman C.	Scientific Reports	International
12	2016	Comparative study of Pipe Rack Structure with modular concept and normal stick-built approach using ASCE 7-02	Ashit K. Kikani, Vijay R. Panchal	Journal of Civil Engineering and Environmental Technology	International

13	2016	Comparative study of Live load condition on RCC Girder Span bridge using IRC and AASTHO	Rajan Patel, B. N. Kadia, Pooja Mistry	Journal of Civil Engineering and Environmental Technology	International
14	2016	Performance Assessment of pervious concrete by using silica fume	Jaideep R. raghawani, Dinesh Shah, Jay Bhavsar	Journal of Civil Engineering and Environmental Technology	
15	2016	Impact resistance of waste rubber fiber silica fume concrete	Parimal D. Donga, Dinesh shah, Jay Bhavsar	Journal of Civil Engineering and Environmental Technology	International
16	2016	Compressive strength study on geopolymar mortar nusing GGBFS and fly ash	Dhairya C Shah, Neha Chauhan, Vatsal n Patel	Journal of Civil Engineering and Environmental Technology	International
17	2016	A study on progressive collapse of 15 storey building	B N Patel, D Y Patel, A V Thomas	Journal of Civil Engineering and Environmental Technology	International
18	2016	Comparative Analysis of Transmission line tower with different using conventional angle section and closed hollow section	Hardik S panchal, Vipul H Vyas, Hiren G Desai	Journal of Civil Engineering and Environmental Technology	International
19	2016	Analysis and Behavior of G+10 Building with Transfer Girder.	Yagnesh A Italia, Dipali Y Patel, Hiren G Desai	Journal of Civil Engineering and Environmental Technology	International
20	2016	Effect of Various Curing on Mechanical Properties of high performance concrete containing supplementary cementitious material	Akshay S Patel, Dinesh shah, Pooja Mistry	Journal of Civil Engineering and Environmental Technology	International
21	2016	Enhancement of Concrete properties by replacing cement and fine aggregate with ceramic powder	Chintan P Patel, Jay K Bhavsar	Journal of Civil Engineering and Environmental Technology	International
22	2016	Experimental study of mechanical properties of M30 grade Hybrid concrete incorporating mineral admixture and steel fibers	Nagesh Trivedi, Vatsal N Patel, Jay K Bhavsar	Journal of Civil Engineering and Environmental Technology	International
23	2016	Study On Fresh And Hardned Properties Of Self Compacted Concrete Using Recycled Concrete	Bandi Shahil M. Siddiq,Mr Vipul Vyas	International Journal Of Innivation Research In Scinece, Engineering And Technology (Ijirset)	International

24	2016	Study On Mechanical Properties Of Geo Polymer Concrete Using Different Source Material	Dadu Mo Akib Mahammadsalim,Mr Vipul Vyasa	International Journal Of Innovation Research In Science, Engineering And Technology (Ijirset)	International
25	2016	Seismic response of cable stayed bridge isolated with triple friction pendulum system (TFPS)	Sachi Parekh , Dr. M. Kumar , Dr. V. R. Panchal	International Journal of Innovative Research in Science and Engineering	International
26	2016	Development of P-M Interaction chart for concrete filled tube (CFT) Composite columns	Hardik C patel, Dr. Vijay R Panchal	International Journal of Innovative Research in Science and Engineering	International
27	2016	Seismic Response Of Curved Continuous Bridge Isolation With Triple Friction Pendulum System (Jfps)	Patel Bhavinkumar Vinodbhai,Dr V R Panchal	International Journal Of Innovative Research In Science And Engineering	International
28	2016	Go Green Initiative from Google: A Study of Evolution in Teaching and Learning Environment by Google Classroom	Virag Shah, Jaydeep Desai, Vijay safaya	International Journal of Advanced Engineering, Management and Science	International
29	2017	Improving Global Forecast System of Extreme Precipitation events with regional statistical model: Application of quantile based probabilistic forecasts	Hiteshri Shastri, Submal Gosh, Subhankar Karmakar	Journal of Geophysical Research: Atmospheres	International
30	2017	Effect of Fenton process on treatment of simulated textile wastewater: optimization using response surface methodology	S. Sharma, S. Kapoor and R.A.Christian	International Journal of Environmental Science and Technology	International
31	2017	Experimental Study of Multi Storey Building with Dynamic Response Control System using Shake Table	Savan Vadariya, Dr. V.R. Panchal,Ms.Neha Chauhan	International Journal of Engineering Technology, Management and Applied Sciences	International
32	2017	Seismic Response of Segmental Building with Triple Friction Pendulum Bearing	Urvesh Chhasitya, Dr. V.R.Panchal	International Journal of Engineering Technology, Management and Applied Sciences	International
33	2017	Effect of Multi-Support Excitation On Seismic Behaviour of TFPS-Isolated Cable Stayed Bridge	Vivek ka.Patel,Dr. V.R. Panchal, Dr. D.P.Soni	International Journal of Advance Engineering and Research and Development	International

34	2017	Seismic Response of Building Isolated With TFPS Under Triaxial Earthquake Ground Motions	Sahadev V Chauhan, Dr. V.R.Panchal	International Journal of Advance Engineering and Research and Development	International
35	2017	Control of Seismic Pounding between Adjacent Reinforced Concrete Buildings isolated with Triple Friction Pendulum System	Anuj Parasiya, Dr.V.R. Panchal	International Journal of Advance Engineering and Research and Development	International
36	2017	Seismic Response of Isolated Skew Bridge Under Near Fault Ground Motions	Durgesh Zalam, Ms Neha Chauhan, Dr. V.R. Panchal, Dr. D.P. Soni	International Journal of Advance Engineering and Research and Development	International
37	2017	Parametric Study of Horizontally Curved Pre-Stressed Concrete Continuous Box Girder Bridges	Satish Gajera, Dr. V.R.Panchal, Ms. M. J. Desai	International Journal of Advance Engineering and Research and Development	International
38	2017	Seismic Evaluation of Metro Rail Bridge Piers By Force Based Approach and Displacement Based Approach	Vishal Desai, Vipul Vyas, Bhagirath Joshi	International Journal of Advance Research and Innovative Ideas In Education	International
39	2017	Parametric study on Flat Slab With and Without Column Drop	Jaydeep Chodvadiya, Vipul Vyas, Dr. G.S. Doiphode	International Journal of Advance Research and Innovative Ideas In Education	International
40	2017	Failure Prediction of Transmission Towers under Various Load Cases	Kandarp S Prajapati, Vipul H Vyas, Nitin Patel	Journal of Civil Engineering and Environment Technology	International
41	2017	Comparative Failure Analysis of Transmission Line Tower using Software	Kandarp S Prajapati, Vipul H Vyas, Nitin Patel	International Journal of Engineering Technology Science and Research	International
42	2017	Earthquake Response of TFPS-isolated Elevated Steel Water Tank under Near-fault ground motions	Shah Ankita, Dr. V. R. Panchal	CHARUSAT Journal	National
43	2017	Comparative study between IS 1893:2002 & IS 1893:2014 on evaluation of response reduction factor of elevated water tank for zone-V	Shah Anuj, Dr. V. R. Panchal	IJCSE	International
44	2017	Development of spherical connector for transmission line tower	Shah Vikki, Dr. V. R. Panchal	IJCSE	International
45	2017	Optimization of spherical connector for transmission line tower	Shah Vikki, Dr. V. R. Panchal	IJCSE	International

46	2017	Effectiveness of modified variable friction pendulum system under near-fault ground motions	Parth Bhavsar, Dr. V.R. Panchal	IJCSE	International
47	2017	Seismic behaviour of modified variable friction pendulum system under bidirectional ground motion	Parth Bhavsar, Dr. V.R. Panchal	IJCSE	International
48	2017	Morphotectonic of Sabarmati-Cambay basin, Gujarat	Vasu Pancholi*1, Girish Ch Kothiyari1, Siddharth Prizomwala1, Prabhin Sukumaran2, R. D. Shah3, N. Y. Bhatt3 Mukesh Chauhan1 and Raj Sunil Kandregula1	J. Ind. Geophys. Union	International
49	2017	Effect of Fenton Process on treatment of simulated textile wastewater: optimization using response surface methodology	S. Sharma, S. Kapoor, R.A. Christian	In. J Environ Sci. Technol	International
50	2017	Modified Variable Friction Pendulum System for Torsionally Coupled Buildings	Darshak C Suthar, Dr. V. R. Panchal	IJETAE	International
51	2017	Seismic Response of Liquid Storage Steel Tank Isolated With Variable Frequency and Variable Friction Pendulum Isolator	HOjefa H. Dhundhiyawala	IJETAE	International
52	2017	Modified Variable Friction Pendulum System for Seismic Isolation of Liquid Storage Steel Tanks	Keyurkumar R Tejani, Dr. V. R. Panchal	IJETAE	International
53	2017	Comparison of Flange and Oldham connectors for Suspension Transmission Line Tower	Pranav P Shah, Dr. V. R. Panchal, Vikki K Shah.	IJETAE	International
54	2017	Comparison of Hollow Spherical and Solid Spherical Connectors Used in Guyed Tower	Paras M Patel, Dr. V. R. Panchal, V. A. Arekar, Vikki K Shah	IJETAE	International
55	2017	Evaluation and Comparison of Classical Earth Pressure Theories For Cohesionless Backfill Using Professional Softwares	Pinki Sharma	IJCRT	International
56	2018	Comparative studies between Indian Standard codes IS 802 (Part 1/ Sec 1):2015 & IS 802 (Part 1/ Sec 1):1995 used for overhead transmission line towers	Shah Vikki, Dr. V. R. Panchal	JoSE, CSIR-SERC, Chennai	International

57	2018	Future urban rainfall projections considering the impacts of climate change and urbanization with statistical–dynamical integrated approach.	Hiteshri Shastri, Supantha Paul, Subimal Ghosh, Hossein Shafizadeh, and Marco Helbich	Climate Dynamics	International
58	2018	Performance Assessment of Pervious Geopolymer Concrete using Metakaolin	Rushikesh Jivani, V. R. Panchal, Jay K Bhavsar	IJSRSET	International
59	2018	Performance and Analysis of Brass Coated Micro Steel Fibre on Alccofine 1203 Based Concrete	Saggu Arshdeep singh, V. R. Panchal, Jay K Bhavsar	IJSRSET	International
60	2018	Experimental Study of Fly Ash Based Geopolymer Concrete Using Silica Fume and Quartz Powder	Jay A. Desai, V. R. Panchal, Jay K Bhavsar	IJSRSET	International
61	2018	Seismic Response of Building- Equipment Isolated with Polynomial Friction Pendulum Isolator	Vishal M bhayani, Vijay R Panchal	IJSRSET	International
62	2018	Comparative Study of PEB Industrial Building with CSB Industrial Building	Karnav Sukhadia, V. R. Panchal, Vikram M Patel, Ravikumar Ganti	IJSRSET	International
63	2018	Parametric Study on Effect of Corrosion Inhibitors for Improving the Durability of Reinforced Concrete (RC) Structures	Mustufa J. Anaswala, Vijay R. Panchal, Vikram M Patel, Sameer G Patel and Sameer G. Patel	IJREAT	International
64	2018	Parametric Study of Dome Structure under Pulse Loading History of Blast Load	Mohammed Sahal Kazi, Dipali Y Patel.	International Journal of Latest Engineering and Management Research	International
65	2018	Seismic Response of Elevated Liquid storage Steel Tank Isolated by Polynomial Friction Pendulum Isolator	Uday Handiwala, Dr. V. R. Panchal	International Journal of Emerging Technology and Advanced Engineering (IJETA)	International
66	2018	Seismic Response of Liquid Storage Tank Isolated With Double Polynomial Friction Pendulum Isolator	Abdeli Jiruwala, Dr. V. R. Panchal	International Journal of Emerging Technology and Advanced Engineering (IJETA)	International
67	2018	A Seismic Design of Building-Equipment System Using Conical Friction Pendulum Isolator	Meet Joshi, Dr. V. R. Panchal	International Journal of Emerging Technology and Advanced Engineering (IJETA)	International

68	2018	Analysis of dome for different pulse loading history of blast load	Kazi Mohammad, Dipali Patel	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International
69	2018	Performance of Channel and Tee Types of Shear Connector in Composite Slab With Steel Decking at Elevated Temperature	Bhaumik Patel, Dr. V. R. Panchal, Nirpex Patel	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International
70	2018	Modified Variable Friction Pendulum System for Seismic Isolation of Bridge	Maulik Patel, Dr. V. R. Panchal	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International
71	2018	Effect of Multi Support Excitation on Cable Stayed Suspension Hybrid Bridge	Patel Parth Kirankumar, Dr V R Panchal	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International
72	2018	Double Polynomial Friction Pendulum Isolator System for Seismic Isolation of Three Span Continuous Deck Bridge	Patel Srushti Shaileshkumar, Dr V R Panchal, Ms Neha Chauhan	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International
73	2018	Evaluation of Response Reduction Factor of Aircraft Hangar Constructed by Double Layer Grid System	Prajapati Satish Nodhabhai, Dr V R Panchal	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International
74	2018	Study of Response of Transmission Line Tower Under Tornado Loading	Rana Darshankumar Rajendrakumar, Dr V R Panchal	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International
75	2018	Seismic Response Of Segmental Building Using Resilient Friction Base Isolator	Rathod Yuvrajsinh Himmatsinh, Dr V R Panchal	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International

76	2018	An Energy \Based Seismic Evaluation and Retrofit Strategy of Existing Reinforced Concrete Building by Energy Spectrum Method	Raval Kewal Jagdishbhai,Dr V R Panchal	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International
77	2018	Effect of Blast Loading on Pipe Rack for Varying Peak Overpressure	Sailor Aishwarya Mahendrabhai, Ms Dipali Patel	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International
78	2018	Optimization of Flange Connector for Transmission Line Tower	Shah Pranav Paragbhai, Dr V R Panchal	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International
79	2018	study on plain surface with wave type configuration bas reinforced concrete frame subjected to lateral loads	Soni Jaymesh Vipulbhai, Dr V R Panchal, Mr Nirpex Patel	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	International
80	2018	Seismic Control of Liquid Storage Tank Isolated by Variable Radius Friction Pendulum System	Faldu Smeet Bipinbhai,Dr V R Panchal, Mr Mehul Katakiya	Journal of Emerging Technologies and Innovative Research	International
81	2018	Study of mechanical & durability properties of micro concrete with waste ceramic tiles	Gajjar Vishalkumar Vishnubhai,Dr V R Panchal, Mr Jay Bhavsar	Journal of Emerging Technologies and Innovative Research	International
82	2018	seismic response of suspension transmission line tower under forward directivity and fling step ground motions	Kakadiya Yagnik Girishbhai,Dr V R Panchal	Journal of Emerging Technologies and Innovative Research	International
83	2018	Experimental Study on Comparison of Square, Rectangular And Circular Concrete Filled Steel Tube Composite Comlumn	Pansuriya Dishant Ashokbhai,Dr V R Panchal	Journal of Emerging Technologies and Innovative Research	International
84	2018	Seismic Control of Cable-Stayed Bridge Isolated by Triple Friction Pendulum System Under Near-Fault Ground Excitations with Fling Steps and Forward Directivity	Thakkar Aashik Kaushik,Dr V R Panchal	Journal of Emerging Technologies and Innovative Research	International
85	2018	Seismic Response of Silo Supporting Structure Isolated with Triple Friction Pendulum System under Near-Fault Ground Motions	Thummar Akashkumar Jaysukhbhai,Dr V R Panchal	Journal of Emerging Technologies and Innovative Research	International

86	2018	Comparative study between liquid storage tanks with sliding isolators having variable curvature	"Mayank Pawani". "V.R. Panchal	Global journal of engineering science and research	International
87	2019	Performance of beams reinforced with pswc-bars and other rebars	Anil K. Kar, Urmil V. Dave and Nirpex A. Patel	JoSE, CSIR-SERC, Chennai	International
88	2019	Seismic Response of Liquid Storage Tank Isolated With Double Variable Radius Friction Pendulum System	Yash Surti, V. R. Panchal, Maulik Patel	Journal of Emerging Technologies and Innovative Research (JETIR)	International
89	2019	INFLUENCE OF OPENING ON STRESS REDUCTION FACTOR OF UNREINFORCED MASONRY PANELS	VIVEK DESAI, V.R.PANCHAL, V.M.PATEL, N.A.PATEL	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	International
90	2019	EFFECT OF SOIL STRUCTURE INTERACTION ON SELF-SUPPORTING AND GUYED CHIMNEY	PARTH MODI, V.R.PANCHAL, H.J.SHAH	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	International
91	2019	Seismic Response of Elevated Liquid Storage Steel Tank Isolated by Variable Radius Friction Pendulum System	Chirag Tank, V. R. Panchal, Maulik Patel	Journal of Emerging Technologies and Innovative Research	International
92	2019	Analysis of Different Configuration of Ultra High Voltage Cathode Transmission Line Tower	Darshan Dedania, V. R. Panchal, Vikki K. Shah	Journal of Emerging Technologies and Innovative Research (JETIR)	International
93	2019	AN EVALUATION OF RESPONSE REDUCTION FACTOR (R) OF CABLE STAYED SUSPENSION HYBRID BRIDGE	"Krutarth Talati" "Dr. Vijay Panchal" " Apurva parikh"	International Journal of Technical Innovation in Modern Engineering & Science	International
94	2019	PARAMETRIC STUDY FOR DESIGN OF BLAST RESISTANT STEEL STIFFENED & UNSTIFFENED BUILDING PANELS	Chetan Vaghela, V.R.Panchal, Anil Belani	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	International
95	2019	Seismic Isolation of Three Span Continuous Bridge using Variable Time Period Isolators	Riddhi Joshi, V. R. Panchal, Maulik Patel	Journal of Emerging Technologies and Innovative Research	International
96	2019	Evaluation of response reduction factor for monopole windmill	"Abhishek Goplani","V R Panchal"	IJTICES	International
97	2019	PARAMETRIC STUDY OF CONCRETE FILLED STEEL TUBE (CFST) AND CONCRETE FILLED FIBER REINFORCED TUBE (CFFT) COLUMNS	"Sweta Bariya", "V.R.Panchal", "D.R.Panchal"	Journal of emerging technologies and innovative research	National

98	2019	STUDY ON SHEAR CAPACITY OF CHANNEL AND ANGLE SHEAR CONNECTORS IN COMPOSITE SLAB WITH STEEL DECKING	Harsh Y. Chovatiya, V. R. Panchal, Nirpex A. Patel	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	International
99	2019	Development of P-M Interaction Chart for a Fibre Reinforced Polymer (FRP) Composite Column	"Devansh Sheth" , "V. R. Panchal", "V. H. Vyas", "Dipak Radar"	JETIR	International
100	2019	Effects of Fling Step On Buildings With Variable Friction And Variable Frequency Pendulum Isolator (VFFPI)	Anjali Desai, V. R. Panchal, B. B. Shobhana	Journal of Emerging Technologies and Innovative Research	International
101	2019	Comparision Between Muff Connector & Spherical Connector For Transmission Line Tower	Akshant N. Joshi, V. R. Panchal, Vikki K. Shah	Journal of Analysis and Computation (JAC)	International
102	2019	Comparision Between Confined Masonry Buildings Built Flyash Bricks and Autoclaved Aerated Concrete Blocks	Vraj Shah, V. R. Panchal	Journal of Analysis and Computation (JAC)	International
103	2019	Coparative Study of Seismic Analysis of Pier Supported on Pile as per IRC :6-2017 and IRC SP 114-2018	Vivek Gajera, V. R. Panchal, Vishal Vadgama	Jounral of Today's Ideas-Tommorrow's Tecnologies	International
104	2019	Seismic Isolation of Building - Equipment System Using Modified Variable Friction Pendulum System	Darshan Patel, V. R. Panchal, Maulik Patel	Jounral of Today's Ideas-Tommorrow's Tecnologies	International
105	2019	Seismic Response of Cable stayed bridge isolated with triple friction pendulum system (TFPS) Under Triaxial Earthquake Ground Motions	Meet Kaka, V. R. Panchal	I-manager's Journal on Structural Engineering	International