

# Chhotubhai Gopalbhai Patel Institute of Technology

## Civil Engineering Department

### List of Reaserch/Review/Book Chapter Publish By Faculty in Academic Year 2016-2017

Sr No	Auhtor(s)	Co-Author(s)	Title of Review/Reasearch Article	Journal	Vol. No. Issue No.	Page No	ISSN NO
1	Abhijit Solanki	Payal Patel Disha Paramar	Effect of different aspect ratio steel fibre in slag based goepolymer concrete	International journal of engineering research and technology	Volume6, Issue4	1032-1035	2278-0181
2	Bijal Chaudhri	Dipali Patel	Comparative Study of Direct Displacement Based and Forced Based Design Method for RC-Frame	Kalpa Publication	Volume5, Issue10	454 - 456	0971-3034
3	Ayush Ransingh	Dr. Anjali Khambete	Hydrodynamic Cavitation, A promising technique for Pre-treatment of Common Effluent Treatment Plant (CETP) influent wastewater	International Journal of Science, Engineering and Management (IJSEM)	Volume2, Issue4	51	2456-1304
4	Vishesh P. Thakkar	Unnati D. Bhagat, Anuj K. Chandiwala	Comparative Study of Seismic Behavior of Flat Slab and Conventional RC Framed Structure	International Journal of Engineering Research and Technology	Volume6, Issue4	923-929	2278-0181
5	Alap Parekh	Unnati Bhagat, Anuj Chandiwala	Seismic response of RC frame having underground stories with vertical irregularities	International Journal of Engineering Trends and Technology	Volume47, Issue1	18-24	2231-5381
6	Yati R Tank	Akhilesh R. Tank	Dynamic Analysis of Pile Supported machine Foundation	Indian Geotechnical Society, Trichy Chapter	Volume1, Issue1	448-453	0
7	Vihar S. Desai	Hitesh K. Dhameliya, Yati R. Tank	Seismic Behavior of RC Framed Building with Soft Storey	International Journal of Engineering Research and Technology	Volume6, Issue4	918-922	2278-0181
8	Hardik A. Patel	Hitesh K. Dhameliya, Yati R.Tank	Dynamic Analysis of Separate Foundation for Low Frequency Machine With Soil Interaction	International Journal of Engineering Trends and Technology (IJETT)	Volume46, Issue8	420-424	2231-5381
9	Tejas Parekh	Disha Parmar, Yati Tank	Analysis of Howe Roof Truss using Different Rise and Span	International Journal of Engineering Trends and Technology (IJETT)	Volume47, Issue3	146-147	2231-5381
10	sunnykumar vora	Prof. Mamta B. Rajgor, Dr. Jayesh Pitroda	A Critical Review of Net Zero Energy Efficient Design Strategies In Construction Sector	International Journal of Advance Research and Innovative Ideas in Education	Volume3, Issue1	8	2395-4396
11	Sunnykumar Vora	Prof. Mamta B Rajgor, Dr. Jayesh Pitroda	ANALYSIS OF FACTOR INFLUENCING NET ZERO ENERGY BUILDING CONSTRUCTION BY RII METHOD	INTERNATIONAL EDUCATION AND RESEARCH JOURNAL	Volume3, Issue5	693	2454-9916
12	Trupanshu Patel	Jasmin Gadhiya,Aditya Bhatt	Effect of floating column on RCC building with and without infill wall subjected seismic force	International Journal of Engineering Trends and Technology	Volume47, Issue4	206-212	2231-5381
13	Janakkumar M. Mehta	Hitesh K. Dhameliya	Comparative Study on Lateral Load Resisting System in High-Rise Building using ETABS	International Journal of Engineering Trends and Technology	Volume47, Issue2	115-117	2231-5381
14	Hardik V. Patel	Prof. Jasmin A. Gadhiya, Prof. Abhishek Raturi	Analysis of Elevated Square Water Tank with Different Staging System	International Journal of Innovative Science and Research Technology	Volume2, Issue5	828-831	2456-2165

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15	Chiral S. Modi	Prof. Jasmin A. Gadhiya, Prof. Aditya Bhatt	Pushover analysis of G+3 storey building with vertical irregularity by using SAP2000	International Journal of Innovative Science and Research Technology	Volume2, Issue5	822-827	2456-2165
16	Akash D. Shah	Hitesh K. Dhameliya	Parametric Study of Multistory Tall Building Using Composite Member and Conventional Member	International Journal of Engineering Trends and Technology	Volume46, Issue8	415-419	2231-5381
17	Nikunj Parmar	Dimple Desai, Gunvant Solanki	EXPERIMENTAL STUDY ON GROUND GRANULATED BLAST FURNACE SLAG AND GLASS FIBER REINFORCED CONCRETE.	International Journal of Advance Research in Engineering and Science and Technology	Volume4, Issue5	2 3 9 4 - 2 4 4 4	2 3 9 3 - 9 8 7 7
18	ADITYA BHATT	JASMIN GADHIYA, CHIRAL MODI	PUSHOVER ANALYSIS OF G+3 STOREY BUILDING WITH VERTICAL IRREGULARITY BY USING SAP 2000	INTERNATIONAL JOURNAL OF INNOVATIVE SCIENCE AND RESEARCH TECHNOLOGY	Volume2, Issue5	N/A	N/A
19	Kunjan Patel	Gunvant Solanki, Dimple desai	Size effect study on self compacting concrete	International Journal of Engineering Research & Technology (IJERT)	Volume6, Issue2017	224-227	2278-0181
20	Maitri Shah	Mehul Patel, Mayuri Patel	Proposal of Walking Zone in the Market Area- A Case Study of Surat City, Gujarat	International journal of research & scientific innovation	Volume4, Issue1	211-215	2321-2705
21	Keyur Patel	Anuj Chandiwala, Unnati D. Bhagat	EARTHQUAKE ANALYSIS OF DIFFERENT CONFIGURATION OF STEEL DOMES USING COMPUTER PROGRAMME	International Journal of Research in Engineering and Technology	Volume5, Issue12	4-6	2321-7308
22	Raj Desai	Helly Mehta, Dr.D S Vyas, Sejal Patel	Removal of Ammonical Nitrogen by Electrocoagulation Method	International journal of advance research and innovative ideas in Education	Volume2, Issue3	505-509	2395-4396
23	ADITYA BHATT	JASMIN GADHIYA , TRUPANSHU PATEL,	NON-LINEAR ANALYSIS OF MULTI-STOREY BUILDING BY USING SAP 2000	INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT	Volume3, Issue12	N/A	2348-4470
24	ADITYA BHATT	JASMIN GADHIYA, TRUPANSHU PATEL	EFFECT OF FLOATING COLUMN ON RCC BUILDING WITH AND WITHOUT INFILL WALL SUBJECTED TO SEISMIC FORCE	INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT	Volume3, Issue12	N/A	2348-6406
25	Khyati V Mistry	Dr. R.B.Khasiya, Dr. J.N.Patel	Economic analysis of canal lining	Global research and development jornal	Volume1, Issue1	495-498	2455-5703
26	Shiv Mehta	Helly Mehta, Dr.D S Vyas, Sejal Patel	Optimization of treatability by FACCO for treatment of Chemical Industry	International Journal of Science Technology and Engineering	Volume3, Issue11	328-366	2349-784x
27	Shah Maitri	Mehul Patel, Mayuri Patel	Proposal of Walking Zone in a Market Area- A case study of Surat city	International Journal of Research and Scientific Innovation	Volume4, Issue1	211-215	2321-2705

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28	Helly Mehta	Raj Desai, Sejal Patel	Removal of Ammonical Nitrogen By Electrocoagulation method	International Journal of Innovative and Emerging Research in Engineering	Volume3, Issue6	85-94	2394-3343
29	Nitesh M. Patel	Anuj Chandiwala, Hitesh Dhameliya	Review paper on Flat slab with shear wall at different location	International Journal of Advance Engineering and Research Development	Volume3, Issue12	273-276	2348-4470
30	Hardik A. Patel	Hitesh K. Dhameliya, Yati R.Tank	A review on criteria for dynamic effect of machine on structural elements	International Association of Scientific Innovation and Research	Volume1, Issue19	1-5	2279-0020
31	Akash D. Shah	Hitesh Dhameliya	A review on multi-storey tall building using Composite member and conventional member	International Journal of Engineering Research & Technology (IJERT)	Volume46, Issue8	15-19	2279-0020
32	Vihar S. Desai	Hitesh K. Dhameliya, Yati R.Tank	A review on seismic behaviour of RC framed building with soft storey	International Association of Scientific Innovation and Research	Volume1, Issue19	11-14	2279-0020
33	GRISHMA THAKER	Rashmika Barot	SOIL PILE INTERACTION UNDER SEISMIC LOAD FOR DIFFERENTIAL GROUND CONDITION	INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT	Volume4, Issue5	8	2348-4470
34	PALAK TRIVEDI	RUTVIK SHETH, Dr. D.P.SONI	"PERFORMANCE EVALUATION OF R.C MOMENT RESISTING SYMMETRIC FRAME USING NON LINEAR DYNAMIC ANALYSIS"	GLOBAL RESEARCH AND DEVELOPMENT JOURNALS	Volume1, Issue1	177-183	24555703
35	Desai Raj	Helly mehta, Dr.D.S. Vyas, Sejal Patel	Removal of Ammonical Nitrogen by Electrocoagulation Method	International journal of advance research and innovative ideas in Education	Volume2, Issue3	505-509	2395-4396
36	Vihar S. Desai	Hitesh K. Dhameliya, Yati R.Tank	A REVIEW ON SEISMIC BEHAVIOR OF RC FRAMED BUILDING WITH SOFT STOREY	International Journal of Engineering, Business and Enterprises Applications (IJEBEA)	Volume19, Issue1	11-14	2279-0039
37	Dhaval Sorathiya	Jasmin Gadhiya, Abhishek Raturi	Review on behaviour of Diagrid Structural System in High-Rise Building	journal4research	Volume2, Issue11	1-4	2395-7549
38	GRISHMA THAKER	RASHMIKA BAROT, KOSHA PACHCHIGAR	A REVIEW ON SOIL- PILE INTERACTION UNDER SEISMIC LOAD FOR DIFFERENT GROUND CONDITION	INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT	Volume3, Issue12	14	2348-4470
39	Vinay Lumbhani	Grishma Thaker	A REVIEW ON COMPARATIVE STUDY AND BEHAVIOR OF CFST COLUMN	INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT	Volume3, Issue12	14	2348-4470
40	Nikunj Parmar	Gunvant solanki, Dimple desai	A review on experimental strength evolution of concrete by adding GGBFS and Glass fibre	International Journal of Advance Engineering and Research Development	Volume3, Issue12	325-328	2348-4470

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41	Vishesh P. Thakkar	Unnati Bhagat, Anuj Chandiwala	A review on comparative study of seismic behavior of flat slab and conventional RC framed structure	International Journal of Advance Engineering and Research Development (IJAERD)	Volume3, Issue12	286-290	2348-4470