

Chhotubhai Gopalbhai Patel Institute of Technology

Civil Engineering Department

List of Reaserch/Review/Book Chapter Publish By Faculty in Academic Year 2017-2018

Sr No	Auhtor(s)	Co-Author(s)	Title of Review/Reasearch Article	Journal	Vol. No. Issue No.	Page No	ISSN NO
1	Maulik Kakadiya	Maulik Kakadiya, Hardik Patel, Bijal Chaudhari	Comparative Study of Strength of Bacterial Concrete Using Bacillus Megaterium and Bacillus Spharicus	Journal of Building and Construction Engineering	Volume3, Issue1	1-8	2345-5162
2	Bijal Chaudhri	Bijal Chaudhri, Maulik Kakadiya, Hardik Patel	Effect of Specific Gravity and Shape Factor in Toughness and Hardness Properties of Aggregates	Journal of Building and Construction Engineering	Volume3, Issue1	1-6	2345-5162
3	Himali Kheni	Jasmin Gadhiya Hardik Patel	EFFECT OF POSITION OF STEEL PLATE SHEAR WALL WITH R.C. FRAME	Journal of Emerging Technologies and Innovative Research	Volume5, Issue5	277-282	2349-5162
4	Kunal M. Porwal	Jasmin Gadhiya, Hardik Patel	COMPARATIVE ANALYSIS OF 2D ROOF TRUSS CONFIGURATION	Journal of Emerging Technologies and Innovative Research	Volume5, Issue4	494-497	2349-5162
5	Chaitali patel	payal patel	Pushover analysis of high rise RCC building with vertical irregularities	International Journal of Advance Engineering and Research Development	Volume5, Issue5	13-19	2348-4470
6	Khyati V. Mistry	Khyati V. Mistry,Pritika Prajapati,Bijal Chaudhri	DETERMINATION OF THE STAGE DISCHARGE CURVE USING HEC-RAS	International journal of advance engineering & development	Volume5, Issue5	645-649	2348-4470
7	Jaydip Gadhvi	Palak Trivedi Chethan SV	A review on performance evaluation of RC moment resisting irregular frame using nonlinear dynamic analysis	Journal of emeing technologies and innovative research	Volume5, Issue4	177-180	23495162
8	ANANT AMBALIYA	PALAK TRIVEDI CHETHAN S V	Experimental Study on Behavior of Self Compacting Concrete using High Strength Glass Fibre and Ceramic tiles waste	Journal of Emerging Technologies and Innovative Research	Volume5, Issue5	860-862	2349-5162
9	Khyati V. Mistry	Khyati V. Mistry, Bijal Chaudhri	Application of lime sludge in producing low cost cement concrete	Journal of building and construction engineering	Volume3, Issue1	1-6	2349 - 5162
10	Mr. Savan Pansuriya	ASST. PROF. GRISHMA THAKER	COMPARISON OF FLAT SLAB USING STUD RAIL OR SHEAR STIRRUPS NEAR SLAB COLUMN CONNECTION	Journal of Emerging Technologies and Innovative Research	Volume5, Issue4	2349-5163	2349-5162
11	MANOHAR MISTRY	DIMPLE DESAI BANSARI L. MOR	METRO RAIL BRIDGE PIERS BY FORCE BASED APPROACH AND DIRECT DISPLACEMENT BASED APPROACH	JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEACH	Volume5, Issue4	JETIR18041 79	2349-5162
12	KHUZAIM SHEIKH	Bijal Chaudhari, Krutarth Patel	A COMPARATIVE STUDY OF LATERAL LOAD RESISTING SYSTEMS IN TALL STRUCTURES	International journal of advance engineering and research development	Volume5, Issue4	19-28	2348-4470

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13	Karishma Patel	Krutarth Patel, Hitesh Dhameliya	Comparative Cost Analysis Of Building With And Without Provision Of Floating Columns Along With Effect Of Infill Walls	International journal of advance engineering and research development	Volume5, Issue4	77-88	2348-4470
14	prakash Javiya	Minu Treesa Abraham Guntant Solanki	Parametric study on Multi-storey RC building with belt truss system	Journal of Engineering Technologies and Innovative Research	Volume5, Issue4	1	2349-5162
15	Chauhan Virendra	Minu Treesa Abraham Guntant Solanki	Analysis of Box Type Multi-barrel skew Culvert	Journal of Engineering Technologies and Innovative Research	Volume5, Issue4	2	2349-5162
16	Kishan N. Davara	Yati R.Tank, Rahul P. Kikani, Abhishek Raturi, Payal Patel	STRENGTH ASSESSMENT OF GLASCRETE CONCRETE USING DIFFERENT PROPORTION OF MARBLE POWDER	International Conference on Advances in Construction Materials and Structures (ACMS-2018) IIT Roorkee, Roorkee, Uttarakhand, India	Volume1, Issue1	1-8	
17	Rahul Kikani	Yati Tank, Palak Trivedi, Kishan Davara, Bhavin Sheladiya	COMPARATIVE STUDY OF A POST TENSIONING VOIDED SLAB WITH SIMPLE FLAT SLAB SYSTEM	Advances in Construction Materials and Structures (ACMS-2018) IIT Roorkee	Volume1, Issue1	1-5	
18	PALAK PATEL	HARSHIL BHUVA, Aditya Bhatt	PARAMETRIC STUDY OF BUILDING SUBJECTED TO SEISMIC POUNDING EFFECT	JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH	Volume5, Issue4	-	2349-5162
19	SAGAR NAIK	HARSHIL BHUVA, Aditya Bhatt	PARAMETRIC STUDY OF RCC CHIMNEY FOR DIFFERENT LOADING CONDITION	JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH	Volume5, Issue4	-	2349-5162
20	Mr. Parth Patel	DIMPLE DESAI	COMPARATIVE STUDY OF DIFFERENT GEOMETRICAL PATTERNS FOR DIAGRID STRUCTURE	Journal of Emerging Technologies and Innovative Research	Volume5, Issue5	2349-5163	2349-5162
21	Pooja P. Dhanani	Krutarth Patel, Bijal chaudhari	Behavioral study for seismic response of high rise building having different diaphragm discontinuity in plan	Journal of Emerging Technologies and Innovative Research	Volume5, Issue5	1-6	2349-5162
22	Hardik patel	Bijal Chaudhri Maulik Kakadiya	Analysis of Multi-storey RC Building with and without Seismic damper at different position	International Journal of Advance Civil Engineering and Technology	Volume3, Issue1	1-9	2248-9622
23	Krunali Mavani	Maulik Kakadiya Abhishek Raturi	PARAMETRIC STUDY OF CABLE STAYED BRIDGE FOR DIFFERENT PYLON CONFIGURATION	Journal of Emerging Technologies and Innovative Research	Volume5, Issue5	45 - 50	2349-5162

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24	Chirag Korat,	Jasmin Gadhiya Hardik Patel	PARAMETRIC STUDY OF CIRCULAR RCC SILO HAVING HOPPER BOTTOM	Journal of Emerging Technologies and Innovative Research	Volume5, Issue5	85-91	2349-5162
25	Krishna B Dave	Maulik kakadiya Abhishek Raturi	A RESERCH ON EVALUATION OF MECHANICAL PROPERTIES OF HIGH-STRENGTH CONCRETE BY USING FOUNDRY SAND AS PARTIAL REPLACEMENT OF FINE AGGREGATE	Journal of Emerging Technologies and Innovative Research	Volume5, Issue4	725-730	2349-5162
26	Pooja Patel	Krutarth Patel Hitesh Dhameliya	ANALYSIS OF SEISMIC BUILDING USING SIMCON MATERIAL	International journal of advance engineering and research development	Volume5, Issue4	10-19	2348-4470
27	Prakashkumar Mansukhbhai Javiya	Gunvant Solanki, Minu Treesa Abraham	Parametric study on Multi-Storey RC building with belt truss system	Journal of Emerging Technologies and Innovative Research	Volume5, Issue4	nil	2349-5162
28	Virendrasinh D Chauhan	Gunvant Solanki, Minu Treesa Abraham	Analysis of Box type Multi Barrel Skew Culvert	Journal of Emerging Technologies and Innovative Research	Volume5, Issue4	nil	2349-5162
29	Khyati Patel	Hitesh K. Dhameliya , Krutarth S. patel	PARAMETRIC STUDY OF COLD-FORMED STEEL LIPPED CHANNEL COLUMN SECTION	International Journal of Advance Engineering and Research Development	Volume5, Issue4	488-492	2348-4470
30	Karishma I.patel	Hitesh K. Dhameliya , Krutarth S. patel	A REVIEW ON SEISMIC ANALYSIS OF MULTISTOREY BUILDING WITH FLOATING COLUMN	International Journal of Advance Engineering and Research Development	Volume5, Issue4	485-487	2348-4470
31	Khyati Patel	Hitesh K. Dhameliya , Krutarth S. patel	A REVIEW ON ANALYSIS AND DESIGN OF STEEL COLUMN USING COLD-FORMED STEEL SECTION	International Journal of Advance Engineering and Research Development	Volume4, Issue11	485-487	2348-4470
32	Pooja Patel	Hitesh K. Dhameliya , Krutarth S. patel	A REVIEW ON DYNAMIC BEHAVIOUR OF BUILDING UNDER BLAST AND SEISMIC LOADING	International Journal of Advance Engineering and Research Development	Volume4, Issue11	488-492	2348-4470
33	Kishan Davara	Abhishek Raturi, Payal Patel	A Review of utilization of marble waste powder as a partial replacement of cement in glasscrete concrete	International journal of Advance Engineering and Research Development (IJAERD)	Volume4, Issue11	9	2348-4470
34	Krunali Mavani	Abhishek Raturi, Maulik kakdiya	Dynamic analysis of cable stayed bridge for different pylon configuration	International journal of Advance Engineering and Research Development (IJAERD)	Volume4, Issue11	7	2348-6406

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35	ANAND NAIK	Asst. Prof. Payal Patel Asst. Prof. Gunvant Solanki	A REVIEW ON PILED RAFT FOUNDATION FOR HIGH-RISE BUILDING	International Journal of Advance Engineering and Research Development	Volume4, Issue5	322-326	2348-6406
36	Vasu A. Shah	Harsh C. Bakhaswala , Anuj K. Chandiwala , Yati R. Tank	COMPARATIVE STUDY OF BASE ISOLATION IN MULTISTORIED R.C. IRREGULAR BUILDING	International Journal of Advance Engineering and Research Development	Volume4, Issue11	354-362	2348-6406
37	Yati Tank	Aditya Bhatt, Ahilesh Tank, Hitesh Dhameliya	Dynamic Behavior of Pile Supported Machine Foundation with Different Pile Configuration Parameters	Indian Geotechnical Journal	Volume39, Issue1	263-264	ISSN: 0971-9555 (Print) 2277-3347 (Online)
38	Helly Mehta	Nikita Patel, Urvi Rathod	Design of WTP based on Government Implemented scheme for about 69 villages of Taluka - Zagadia	International journal of Technical Innovation in Modern Engineering and Science	Volume3, Issue6	5	2455-2585
39	Urvi Rathod	Helly Mehta	SPECIAL INVESTMENT REGION: CASE STUDY OF DHOLERA SIR	International Journal of Emerging Technologies and Innovative Research	Volume4, Issue8	28-30	2349-5162
40	Prakashkumar Mansukhbhai Javiya	Gunvant Solanki, Minu T Abraham	Parametric study on Multi-Storey RC building with belt truss system : A Review	International Journal for Advance Engineering and Research Development	Volume4, Issue11	NIL	2348-4470
41	Krishna Dave	Abhishek Raturi Maulik Kakadiya	A review on evaluation of mechanical properties of High Strength Concrete by using foundy sand as partial replacement of fine aggregate.	Journal of Emerging Technologies and Innovative Research	Volume5, Issue4	7	2349-5162
42	Parth Patel	DIMPLE DESAI	A REVIEW ON ANALYSIS OF DIFFERENT GEOMETRICAL PATTERNS FOR DIAGRID STRUCTURE	INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT	Volume4, Issue11	2348-6406	2348-4470
43	Harsh Bakhaswala	Vasu Shah Anuj Chandiwala Dimple Desai	A Review on: Capacity Based Earthquake Resistant Design of Multi-Storied R.C. Building:	International Journal of Advance Engineering and Research Development	Volume4, Issue11	327-333	2348-4470
44	Pooja Dhanani	Kosha Pachichigar Bijal Chaudhri	A review on seismic response of high rise building having diaphragm discontinuity	International Journal of Advance Engineering and Research Development	Volume4, Issue11	251	2348-4470
45	Falguni Patel	Dimple Desai Bijal Chaudhri	A Review on Buckling Analysis of Lattice Transmission Tower	International Journal of Advance Engineering and Research Development	Volume4, Issue11	494 - 498	2348-4470

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46	Chirag L. Korat	Jasmin Gadhiya Hardik Patel	A Review on parametric study of circular RCC silo having Hopper Bottom	interenational journal of advance engineering and research development	Volume4, Issue11	495-499	2348 - 4470
47	Himali Kheni	Jasmin Gadhiya Hardik Patel	Review on Effect of Position of Steel Plate Shear Wall with R.C. Frame	International Journal of Advance Engineering and Research Development	Volume4, Issue11	407-413	2348 - 4470
48	SAGAR NAIK	HARSHIL BHUVA Aditya Bhatt	A REVIEW ON PARAMETRIC STUDY OF RCC CHIMNEY FOR DIFFERENT LOADING CONDITION	INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT	Volume4, Issue11	-	2348-6406
49	MANOHAR MISTRY	DIMPLE DESAI	A REVIEW ON ELEVATED METRO BRIDGE SUBSTRUCTURE	INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT	Volume4, Issue11	2348-6406	2348-4470
50	KHUZAIM SHEIKH	UNNATI BHAGAT BIJAL CHAUDHRI KOSHA PACHCHIGAR	A Review on study of Lateral Resisting System in Tall Structure	International Journal of Advance Engineering and Research Development	Volume4, Issue11	346-353	2348-6406
51	Nilay parekh	ADITYA BHATT GRISHMA THAKER	A review on eco sky sraper- integration of wind turbines in building.	INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT	Volume4, Issue11	2348-6406	2348-4470
52	Naik Anand	Gunvant Solanki Payal patel	A review on pile raft foundation for high rise building.	International journal of advance engineering and research development	Volume4, Issue11	322-326	2348-6406
53	Savan A. Pansuriya	Grishma Thaker Anuj Chandiwala	A REVIEW ON IMPROVEMENT OF PUNCHING SHEAR FAILURE OF FLAT SLAB	International Journal of Advance Engineering and Research Development	Volume4, Issue11	363-366	2348-6406