

Chhotubhai Gopalbhai Patel Institute of Technology

Civil Engineering Department

List of Reaserch/Review/Book Chapter Publish By Faculty in Academic Year 2015-2016

| Sr No | Auhtor(s) | Co-Author(s) | Title of Review/Reasearch Article | Journal | Vol. No. Issue No. | Page No | ISSN NO |
|-------|---------------------|---|--|---|--------------------|-----------|-----------|
| 1 | Harshil Bhuva | Atul N. Desai Vishal A. Arekar | Study of Axial Force in Colums of Coupled Building of different shapes | International Journal of Advance Research in Engineering Science and Technology (IJAREST) | Volume3, Issue4 | | 23942444 |
| 2 | Yati R Tank | Akhilesh R Tank Hitesh K Dhanmeliya | Dynamic Analysis of Single Cylinder Compressor Block Foundation using SAP: 2000 VS. 16 | International Journal Engineering Trends and Technology | Volume33, Issue7 | 323-327 | 2231-5381 |
| 3 | Maulik Joshi | Sagar Naik and Yati R. Tank | Structural Configuration Optimisation of a Multi storey Building by Optimum Positing of Shear Wall | Global Research and Development (GRD) Journals | Volume1, Issue1 | 204-208 | 2455-5703 |
| 4 | Jigar Goyani | Hitesh Dhameliya, Jasmin Gadhiya | Comparative Study on Dynamic Behaviour of Different Lateral Load Resisting System | International Journal of Scientific Research in Science, Engineering and Technology | Volume2, Issue2 | 1201-1205 | 2394-4099 |
| 5 | Sagar Naik | Jasmin Gadhiya, Hitesh Dhameliya | EFFECT OF DURATION AND TEMPERATURE OF CURING ON COMPRESSIVE STRENGTH OF FLY ASH BASED GEOPOLYMER CONCRETE | INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY | Volume5, Issue4 | 845-849 | 2277-9655 |
| 6 | Nirajkumar R.Sindhi | Jasmin A.Gadhiya, Hitesh K.Dhameliya | Study of Steel Moment Resisting Frame with Reduced Beam Section | International Journal of Engineering Research and Applications | Volume6, Issue5 | 43-47 | 2248-9622 |
| 7 | Maulik G. Kakadiya | Hitesh K. Dhamaliya, Jasmin Gadhiya | A Research on Comparison of R.C.C and Post Tensioned Flat Slab with or Without Drop Using Software | International Journal of Scientific Research in Science, Engineering and Technology | Volume2, Issue2 | 1132-1136 | 2395-1990 |
| 8 | Uttam V Chothani | Jasmin Gadhiya, Hitesh K. Dhameliya | Comparative Study of Seismic Behaviour and Cost Comparison of Multi-Storey Flat Slab and Conventional Reinforced Concrete Framed Structure | International Journal of Scientific Research in Science, Engineering and Technology | Volume2, Issue3 | 518-521 | 2395-1990 |
| 9 | Bhavin H. Zaveri | Jasmin A. Gadhiya , Hitesh K. Dhameliya | A Review on the Comparative Study of Steel,RCC and Composite Building | International Journal of Innovative Research in Science, Engineering and Technology | Volume5, Issue1 | 354-365 | 2319-8753 |
| 10 | Vaibhav Tejani | Hitesh Dhameliya, Jasmin Gadhiya | A Research on Comparison of PT beam and RCC beam for cost and deflection A Research on Comparison of PT beam and RCC beam for cost and deflection | International Journal of Innovative Research in Science, Engineering and Technology | Volume2, Issue2 | 1217-1220 | 2394-4099 |
| 11 | Vaibhav Tejani | Hitesh K. Dhameliya, Jasmin Gadhiya | Review for study of prestressing systems for all structural element | International Journal of Scientific Research in Science, Engineering and Technology | Volume1, Issue6 | 369-372 | 2394-4099 |
| 12 | Grishma Thaker | Shyam Doshi | Comparative Analysis between Ordinary Brick Masonry and Cavity Wall | INTERNATIONAL JOURNAL OF ENGINEERING DEVELOPMENT AND RESEARCH | Volume4, Issue2 | 282-290 | 2321-9939 |

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| 13 | Bhagyashree Desai | Disha Parmar, Urvi Rathod, Kinjal Shah, Melvin lakra | Study of Sediment Yield of Krishna River | International Research Journal of Engineering and Technology | Volume3, Issue6 | | 2395 -0056 |
| 14 | Unnati Bhagat | Anuj Chandiwala, Chirag Patel | Non-Linear Static Analysis of RCC Frames | International Journal of Engineering Development and Research | Volume4, Issue2 | 445-449 | 2321-9939 |
| 15 | Chirag M Patel | Anuj Chandiwala, Unnati Bhagat | Comparative Study of Concrete Filled Steel Tube Structure with Traditional Reinforced Concrete and Steel Structure | International Journal of Engineering Development and Research | Volume4, Issue2 | 462-466 | 2321-9939 |
| 16 | Disha Parmar | Akshil Shah, Smit Modi, Urvi Rathod | Compressive Strength of Hybrid Fiber Reinforced Concrete | International conference on Engineering: Issues, Oppurtunities and Challanges for Development | Volume3, Issue5 | | 2394 - 3343 |
| 17 | Yash Chaliawala | Gunvant Solanki, Anuj Chandiwala | Comparative Study of Cantilever and Counter fort Retaining wall | International Journal of Advance Engineering and Research Development | Volume2, Issue12 | 221-224 | 2348-6406 |
| 18 | Chintan Khatri | Jenish M Mistry, Anuj K Chandiwala | AN EXPERIMENTAL STUDY ON RICE HUSK ASH AND GLASS FIBER REINFORCED CONCRETE | International Journal of Advance Engineering and Research Development | Volume2, Issue12 | 99-104 | 2348-6406 |
| 19 | Pratik Bhandari | Anuj Chandiwala, Kosha Pachchigar | ANALYSIS AND DESIGN OF THE SKY SCRAPER STRUCTURE SUBJECTED TO WIND LOAD USING SOFTWARE ETABS 2015 | International Journal of Advance Engineering and Research Development | Volume2, Issue12 | 253-258 | 2348-6406 |
| 20 | Jigar Goyani | Hltesh Dhameliya, Jasmin Gadhiya | Review for Comparative Study on Dynamic Behavior of Different Lateral Load Resisting System | International Journal of Scientific Research in Science, Engineering and Technology | Volume1, Issue6 | 336-339 | 2394-4099 |
| 21 | Kosha Pachhigar | Hitesh K. Dhameliya, Jigar Sevaliya, Jasmin Gadhiya | A review on Behaviour of Slab Panel under Dynamic load | International Jounral of Advanced and International journal of advance engineering and research development | Volume2, Issue12 | 198-204 | 2348-6406 |
| 22 | Yati R. Tank | Hitesh K. Dhameliya | A Review on the Dynamic Behaviour of Foundation Supporting Vibrating Machines | International Journal of Innovative Research in Science, Engineering and Technology | Volume4, Issue12 | | 2319-8753 |
| 23 | Payal Patel | Gunvant Solanki | Seismic resistance design of high rise structures with passive energy dissipation devices by software approach | International journal of advance engineering and research development (IJAERD) | Volume2, Issue12 | 288-292 | 2348-6406 |

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| 24 | Harikrushna Kapadia | Gunvant Solanki | COMPARISION BETWEEN RCC AND COMPOSITE STRUCTURE OF (G+3) INDUSTRIAL BUILDING | International journal of advance engineering and research development (IJAERD) | Volume2, Issue12 | 225-230 | 2348-6406 |
| 25 | Yash N. Patel | Jasmin A. Gadhiya, Hitesh K. Dhameliya, Kosha S. Pachchigar | COMPARITIVE STUDY OF TRANSMISSION LINE TOWER IN DIFFERENT SEISMIC ZONE WITH DIFFERENT CONFIGURATION | International Journal of Advance Engineering and Research Development | Volume2, Issue12 | 205-213 | 2348-4470 |
| 26 | Sagar Naik | Jasmin Gadhiya, Anuj.K.Chandiwala | A Review on properties of Geo-polymer concrete | International Journal of Advance Engineering and Research Development | Volume2, Issue12 | 96-98 | 2348-4470 |
| 27 | Unnati D. Bhagat | Dharmesh K. Bhagat, Anand D. Patel | Seismic Analysis of Multi-storied Building on Sloping Ground using SAP2000 | International Journal of Advance Engineering and Research Development (IJAERD) | Volume2, Issue2 | 185-191 | 2348-4470 |
| 28 | Yati Tank | Maulik Joshi and Hitesh dhameliya | Strength Assessment of Recycled Aggregate Concrete by Ultrasonic Pulse Velocity Test | International Journal of Science, Engineering and Technology Research | Volume4, Issue12 | 4210-4214 | 2278 – 7798 |
| 29 | Helly Mehta | Sejal Patel, Neha Patel | "A Comparative Study on Removal of Ammonical Nitrogen by Chemical and Biological Processes" | International Conference On Emerging Technologies | Volume3, Issue7 | 83-87 | 2324-2554 |
| 30 | Maulik Kakadiya | Hitesh Dhameliya, Jasmin Gadhiya | "A Review of Comparative Study on R.C.C and post tensioned flat slab considering Seismic effect" | International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET) | Volume1, Issue6 | 631 | 2394 – 4099 |
| 31 | Atit Shah | Gunvant Solanki | A review on study on steel fiber reinforced fly ash concrete | International journal of advance engineering and research development (IJAERD) | Volume2, Issue12 | 265-271 | 2348-6406 |
| 32 | Chirag M Patel | Anuj Chandiwala | A REVIEW PAPER ON COMPARETIVE STUDY OF REINFORCED CONCRETE FILLED STEEL TUBE STRUCTURE WITH TRADITIONAL REINFORCED CONCRETE AND STEEL STRUCTURE | International Journal of Advance Engineering and Research Development | Volume2, Issue12 | 170-176 | 2348-6406 |
| 33 | Jenish M Mistry | Chintan Khatri, Anuj K Chandiwala | A REVIEW ON PERFORMANCE BASED DESIGN OF MULTI STORY BUILDING | International Journal of Advance Engineering and Research Development | Volume2, Issue12 | 73-77 | 2348-6406 |