

FACULTY PUBLICATIONS- JOURNALS
Civil Engineering Department
Sardar Patel College of Engineering, Mumbai

2000

1. P. Banerji, M.M. Murudi, A.H. Shah & N. Popplewell; “Tuned liquid dampers for controlling earthquake response of structures”, International Journal of Earthquake Engineering & Structural Dynamics, 2000, 29, 587-602.

2003

1. Kambekar A R and M C Deo (2003): "Estimation of pile group scour using neural networks", Applied Ocean Research, Elsevier, Oxford, UK, 25 (4), 225-234.

2006

1. Mohan M. Murudi & Pradipta Banerji; “Multiple tuned liquid dampers for earthquake vibration control”, Journal of Advances in Vibration Engineering, 2006, 5/3, 241-252.
2. “Finite Element Analysis of Fibre Reinforced Flexible Pavement”, by Nagrale, Prashant P., Satish Chandra, and M.N. Viladkar, International Journal for Pavements, IJP, USA. Vol. – 5, 2006, pp 50-62.
3. Strength Characteristics of Fibre Reinforced Subgrade Soils”, by Nagrale, Prashant P., Satish Chandra and M.N. Viladkar, Journal Highway Research Bulletin Number-74, April-2006, New Delhi, India. pp – 49 -58.
4. “Benefits of Fibre Reinforced Subgrade Soils in Flexible Pavements”, by Nagrale, Prashant P., Satish Chandra and M.N. Viladkar, Journal Institution of Engineers (India), Vol – 87, May –2006, pp.53 – 57.

2008

1. A.N.Ghadge, .P.V.Parameswaran, and .P.H.Sawant (2008). Performance Evaluation of Materials Management Process in Construction Project, Journal of Construction Management NICMAR-Pune.
2. “Mechanistic Approach for Fibre Reinforced Flexible Pavements” by M.N. Viladkar, Satish Chandra and Nagrale, Prashant P. J. Transportation Engineering, ASCE. Jan – 2008, pp – 15-21.

3. "Modeling of Flexible Pavement Resting on Fibre Reinforced Subgrade Soils" by Nagrale, Prashant P., Satish Chandra, and M.N. Viladkar, Journal Indian Roads Congress, New Delhi, India. Jan 2008, pp – 47 – 52.
4. Elasto-Plastic Analysis of Fibre Reinforced Flexible Pavements", by Satish Chandra, M.N. Viladkar and Nagrale, Prashant P., Journal Institution of Engineers (India), vol -89, Nov. 2008, pp – 49-54.

2009

1. "Design of lime Stabilized Flexible Pavements" By Prashant P. Nagrale and P. Shrivastava J. Indian Highway, New Delhi, India. Jan 2009, pp – 19 – 25.

2010

1. A R Kambekar and M C Deo (2010): "Wave simulation and forecasting using wind time history and data driven methods", International Journal of ships and Offshore Structures, Taylor and Francis, Volume 5, Issue 3, September 2010 , pages 253 – 266.(IF=0.183).

2011

1. M.M. Murudi & S.U. Bhosale: "Shaking Table Experiments on Reinforced Concrete Bare Frames, Infill Frames and Braced Frames". International Journal of Science and Technology, 2011, 1/2, 6-18. ISSN (online):2250-141X.

2012

1. M.M. Murudi & P. Banerji; "Effective Control of Earthquake Response Using Tuned Liquid Dampers" ISET Journal of Earthquake Technology, 2012, Vol.49 No.3-4, 53-71.
2. Jeswani H., Mukherji S., 2012. Degradation of Phenolics, Nitrogen-Heterocyclics and Polynuclear Aromatic Hydrocarbons in a Rotating Biological Contactor, Bioresource Technology. 111, 12-20.
3. A R Kambekar and M.C. Deo (2012), "Wave prediction using genetic programming", International Journal of Coastal Research, CERF, Florida, USA, 28(1), 43-50. (IF=0.77).

2013

1. H Jeswani, S Mukherji Batch studies with Exiguobacterium aurantiacum degrading structurally diverse organic compounds and its potential for treatment of biomass gasification wastewater International Biodeterioration & Biodegradation, Vol 80, 1-9, 2013

2. A.R. Kambekar and Sudip Ray (2013) : "Total Life Cycle Cost Assessment of a Project by integration of LCA and LCC methods" International Journal of Civil Engineering and Applications, ISSN 2249-426X, Volume 3, Number 7, 2013. pp. 86-92.
3. Krishna A. Joshi and A.R. Kambekar (2013): "Optimization of energy in public buildings", IJRET: International Journal of Research in Engineering and Technology eISSN: 2319-1163 | pISSN: 2321-7308, Nov-2013, <http://www.ijret.org>, pp. 423-427.
4. Ketki S. Kamble and A. R. Kambekar (2013): "Analysis of factors contributing delays and claims in construction projects", IJRET: International Journal of Research in Engineering and Technology eISSN: 2319-1163 | pISSN: 2321-7308, Nov-2013, <http://www.ijret.org>, pp. 527-532.
5. Ninad B. Bhalerao and A. R. Kambekar (2013): "Analysis and design of zero sewage discharge system for a model township", IJRET: International Journal of Research in Engineering and Technology eISSN: 2319-1163 | pISSN: 2321-7308, Nov-2013, <http://www.ijret.org>, pp. 383-386.
6. Zaid Malkani and A. R. Kambekar (2013): "Management of Human Resources in Construction Industry", International Journal of Engineering Research and Technology. ISSN 0974-3154, Volume 6, Number 3 (2013), pp. 353-362. (<http://www.ripublication.com>), Publisher's Impact Factor = 2.38.
7. Aniket S. Shukla and A.R. Kambekar (2013): "Working of Prefabricated Vertical Drain-A Case Study" International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET-Impact factor =1.672), (ISSN: 2319-8753), (ISO 3297: 2007 Certified Organization), Vol. 2, Issue 8, August 2013, pp.3675-3686, Paper ID: IJ2808081. (<http://ijirset.com>).
8. Wankhade M. W. and A.R. Kambekar (2013): "Prediction of compressive strength of concrete using artificial neural network" International Journal of Scientific Research and Reviews (IJSRR) 2013, 2(2), 11-26. (ISSN 2279-0543). (www.ijsrr.org).
9. S.A. Haldive and A. R. Kambekar (2013): "Experimental Study on Combined Effect of Fly Ash and Pond Ash on Strength and Durability of Concrete", International Journal of Scientific and Engineering Research. (IF.1.4), Volume 4, Issue 5, May 2013, 81-86 (ISSN 2229-5518).(<http://www.ijser.org>).
10. Ghadge, A. N., Pradhan, H., Prasad, S., & Ghangrekar, M. M. (2013, May). Enhancing

Activity of Electrogenic Bacteria in Microbial Fuel Cell by 2-Bromoethanesulphonate Dosing. *International Journal of Engineering Research and Technology*, 2(5), 1086-1091.

11. "Formulation of Group of Pavements by Using Latin Square ANOVA Required for Network Level Pavement Maintenance Management" by Katkar S. R. and Nagrale Prashant P. *Journal Institution of Engineers (India)*, Technical Journal No 37. Nov.2013, Pp 78 – 83.
12. S.J.Kumbhar & J.S.Main, "The reuse potential of treated sewage from sequencing batch reactor" *International Journal of applied engineering research*, Nov, 2013.

2014

1. H.S .Jeswani, N. Oke, P. Choksi, A. Naik. Use of Pervious Concrete as Gravity Filter. *Transactions of American society for Water Quality and agriculture engineers*, 2014 - elibrary.asabe.org, doi:10.13031/wtcw.2014-19.
2. Viren B. Chandanshive and A. R. Kambekar (2014): "Prediction of early stage construction cost of building projects using artificial neural network" *International Journal of Scientific & Engineering Research*, Volume 5, Issue 7, July-2014, pp. 453-463. ISSN 2229-5518.
3. A.R. Kambekar and M.C. Deo (2014): "Real time wave forecasting using wind time history and genetic programming" special issue of "The International Journal of Ocean and Climate Systems", Volume 5, Number 4, December, 2014. Pp.249-259. Multi-Science Publications, UK (ISSN 1759-3131), www.multi-science.co.uk.
4. Tejeshree Chavan and A.R. Kambekar (2014) "Forecasting productivity of human resource in building construction using artificial neural network" Special Issue of IMJ (Indore Management Journal) IIM Indore pp.156-169.
5. A.J. Velani and A. R. Kambekar (2014): "Application of Value Engineering Techniques in Construction Projects" *National Journal of MES Pillai HOC College of Engineering & Technology*, Rasayani, Panvel, Raigad, Maharashtra.
6. Reeza Shaikh and A. R. Kambekar "Cost and delay analysis in construction project" *Journal of Indian Institution of Industrial Engineering*, *Industrial Engineering Journal*, pp.23-26, Vol. VII, Issue No. 10, November 2014 (ISSN 0970-2555).
7. Ghadge, A. N., Sreemannarayana, M., Duteanu, N., & Ghangrekar, M. M. (2014). Influence of ceramic separator's characteristics on microbial fuel cell performance. *Journal of*

Electrochemical Science and Engineering, 4(4), 315-326.

8. Jadhav, D. A., Ghadge, A. N., Mondal, D., & Ghangrekar, M. M. (2014). Comparison of oxygen and hypochlorite as cathodic electron acceptor in microbial fuel cells. *Bioresource Technology*, 154, 330-335. (Impact Factor- 5.172)
9. Jadhav, D. A., Ghadge, A. N., & Ghangrekar, M. M. (2014). Simultaneous organic matter removal and disinfection of wastewater with enhanced power generation in microbial fuel cell. *Bioresource technology*, 163, 328-334. (Impact Factor- 5.172)
10. Ghadge, A.N., Ghangrekar, M. M., Pandit, S., & Das, D. (2014). Performance of air cathode earthen pot microbial fuel cell for simultaneous wastewater treatment with bioelectricity generation. *International Journal of Environmental Technology and Management*, 17(2), 143-153.
11. "Optimum Maintenance Predictions and Derivation of Transition Probability Matrices for Bridge Deterioration Modeling," by Katkar S. R. and Nagrale Prashant P. Indian Highways – IRC, Volume 42, Number 1, January 2014, ISSN 0376-7256, pp. 52-65.
12. "Benefits of Mechanistic Approach in Flexible Pavement Design" by Nagrale Prashant P. & More Deepak, Journal Indian Highway, New Delhi, India. March 2014, pp-31-37.
13. Snehit kumbhar, Dhruv Hirani & Krish V," Biomedical Waste: Introduction to its Management" International Journal of Innovative Research in Advanced Engineering, ISSN: 2349-2163, Impact Factor – 1.035, Volume 1 Issue 8 (September 2014), p.p. 82-87.

2015

1. Reshma Raskar-Phule and Deepankar Choudhury (2015); "Seismic liquefaction hazard zonation and contour maps for Mumbai city using open source GIS", Disaster Advances, (ISSN: 0974-262X, Impact Factor: 2.272/2012) India, Vol. 8, No. 7, pp. 20-33.
2. Deepankar Choudhury, V. S. Phanikanth, Sumedh Y. Mhaske, Reshma R. Phule and Kaustav Chatterjee (2015); "Seismic liquefaction hazard and site response for design of piles in Mumbai city", Indian Geotechnical Journal, (ISSN: 0971-9555), Springer, India, Vol. 45, No. 1, pp. 62-78. doi: 10.1007/s40098-014-0108-4.

3. Nadgouda, K. (2015). The Use Of Pervious Concrete In Rainwater Management. Nirma University Journal of Engineering and Technology (NUJET), 3(1), 21-24.
4. Sabat, V., Shaikh, M., Kanap, M., Chaudhari, M., Suryawanshi, S., and Nadgouda, K. (2015). Use of iron ore tailings as a construction material. International Journal of Conceptions on Mechanical and Civil Engineering, 3(2), 1-21.
5. Jeswani H., Mukherji S., 2015. Treatment of simulated biomass gasification wastewater of varying strength in a three stage rotating biological contactor, Chemical Engineering Journal, 259, 303-312.
6. Jeswani H., Mukherji S., 2015. Comparison of Acute Toxicity of Algal Metabolites Using Bioluminescence Inhibition Assay, Nirma University journal of engineering and technology vol. 3, no. 1, July-Dec 2014.
7. Aditya Ahirwar and A.R.Kambekar (2015): "Cost Optimization Using Life Cycle Costing For Commercial Building" International Journal of Earth Sciences and Engineering, Indexed in Scopus, Compendex and Geobase Elsevier, Chemical Abstract Services-USA, ISSN 0974-5904. (www.cafetinnova.org) .
8. Bhagyashri Sawant and A.R. Kambekar (2015): "Prediction of compressive strength of concrete using machine learning techniques", Journal of Construction Engineering, Technology & Management. 2015; 5 (3): 34–41p. ISSN: 2249-4723 (online), ISSN: 2347-7253(print), (<http://stmjournals.com>).
9. Ghadge, A. N., & Ghangrekar, M. M. (2015). Performance of low cost scalable air–cathode microbial fuel cell made from clayware separator using multiple electrodes. *Bioresource Technology*, 182, 373-377. (Impact Factor- 5.172)
10. Ghadge, A. N., Jadhav, D. A., Pradhan, H., & Ghangrekar, M. M. (2015). Enhancing waste activated sludge digestion and power production using hypochlorite as catholyte in clayware microbial fuel cell. *Bioresource Technology*, 182, 225-231. (Impact Factor- 5.172)
11. Ghadge, A. N., & Ghangrekar, M. M. (2015). Development of low cost ceramic separator using mineral cation exchanger to enhance performance of microbial fuel cells. *Electrochimica Acta*, 166, 320-328. (Impact Factor- 5.172).
12. Jadhav, D. A., Ghadge, A. N., & Ghangrekar, M. M. (2015). Enhancing the power generation in microbial fuel cells with effective utilization of goethite recovered from mining mud as anodic catalyst. *Bioresource technology*, 191, 110-116. (Impact Factor-

2016

1. Deshmukh Rajkumar, A. A. Bage (2016). Experimental Investigation of Mechanical and Durability Properties of Reactive Powder Concrete (RPC), *International Journal of Latest Technology in Engineering, management & Applied Science*, Volume V, Issue VII, pp 30-33.
2. Gayatri Thakre, A. A. Bage (2016). Comparison of Co-centric Bracing System Subjected to Wind Loading, *International Research Journal of Engineering and Technology*, Volume 3, Issue 11, pp 395-398.
3. Nilesh Prakash Bhosale, A. A. Bage (2016). Effect of Change in Radius of Curvature in Plan on Bridge Bearing Reactions, *International Journal of Advances in Mechanical and Civil Engineering*, Volume 3, Issue 6, pp 75-78.
4. Jeswani Hansa, Suparna Mukherji .2016.Treatment of Biomass Gasifier Wastewater in Rotating biological contactor. *The Indian Journal of Technical Education*, 1-7; ISSN 0971-3034, Volume 32 (Impact factor 1.9)
5. Poonam Raikar and A.N.Ghadge (2016). Analyzing the critical factors influencing the time overrun and cost overrun in construction project, *International Journal of Engineering Research (IJER)*, 5(1), 21-25.
6. Shekhar Jadhav and A.N.Ghadge, (2016). Application of Building Information modeling in construction projects – a critical review, *International Journal of Engineering Research (IJER)*, 5(1), 26-31.
7. Sourabh Borole and A.N.Ghadge, (2016). Comparative study of conventional and modern waterproofing techniques, *International Journal of Engineering Research (IJER)*, 5(1), 32-36.
8. Ghadge, A. N., Keith S., & Ghangrekar, M. M. (2016). Maximum anode chamber volume and minimum anode area for supporting electrogenesis in microbial fuel cells treating wastewater, *Journal of Renewable and Sustainable Energy* 8 (4) 44032.
9. Ghadge, A. N., Jadhav, D. A., & Ghangrekar, M. M. (2016). Wastewater treatment in pilot-scale microbial fuel cell using multielectrode assembly with ceramic separator suitable for field applications. *Environmental Progress & Sustainable Energy* (DOI: 10.1002/ep.12403).

10. “ Stabilization of Subgrade soil and its Benefits in terms of Pavement Response” , By Atulya Patil, Swapnil Raut and Prashant P. Nagrale, Asian Journal of Science and Technology, ISSN:0976-3376, Vol. 07, Issue 02, February, 2016. Pp - 2352 – 2357.
11. “ Finite Element Modelling of Rollcrete Concrete Concrete Pavement”, By Prashant P. Nagrale, P. G. Gaikwad and Pranav Kulkarni, Journal of Construction Engineering Technology and Management (ISSN:2249-4723), Vol. 6, Issue – 2, JoCETM (2016), Pp-62-66.
12. Gaikwad P G., Nagrale Prashant P and Patil Nilesh, “Analysis of time and Cost Overruns in Road Project”, Journal of Construction Engineering, Technology and Management, pages1-5, Volume 6, Issue 1, 2016.

2017

1. Reshma Raskar Phule and Deepankar Choudhury (2017); "Seismic reliability-based analysis and GIS mapping of cyclic mobility of clayey soils of Mumbai city, India", Natural Hazards, (ISSN: 0921-030X, Impact Factor: 1.746/2015) Springer, Netherlands, Vol. 85, No. 1, pp. 139-169, doi: 10.1007/s11069-016-2570-z.
2. Viraj Baile, A. A. Bage (2017). Comparative Study of Diagrid, Simple Frame and Various Bracing Systems, International Journal of Innovative Research in Science, Engineering and Technology, Volume 6, Issue 6, pp 11967-11975.
3. Karthik H Purohit, A. A. Bage (2017). Construction Stage Analysis of Cable Stayed Bridge by Cantilever Method of Construction (Nagpur Cable Stayed Bridge), International Journal of Innovative Research in Science, Engineering and Technology, Volume 6, Issue 7, pp 13487-13496.
4. Viraj Baile, A. A. Bage (2017). Comparative Study of Diagrid, Simple Frame and Shear Wall System, International Journal of Engineering Research and Application, Volume 7, Issue 7, (Part-1) pp 1-6.
5. Vinay D Mhatre, A. A. Bage (2017). Shape and Cost Optimization of Post-Tensioned I-Girder, International Journal of Technical Innovation in Modern Engineering and Science, Volume 3, Issue 7, pp 1-5.
6. Santosh R Chaurasiya, A. A. Bage, V. S. Joshi (2017). Fender Systems and Their Effect on Berthing Structures with Special Mention to IS:4651, BS:6349 and PIANC Guidelines,

International Journal of Technical Innovation in Modern Engineering and Science, Volume 3, Issue 7, pp 70-78.

7. Amardeep D. Bhosale and Mohan M. Murudi, 2017, "Slope bottom tuned liquid dampers for suppressing horizontal motion of structures," International Journal of Engineering Technology Science and Research (IJETSR)," ISSN – 2394 – 3386, Impact factor 2.12, Volume 4, Issue 6, June 2017, PP 433-441.
8. Amardeep D. Bhosale and Mohan M. Murudi, 2017, "Seismic control of structures using sloped bottom tuned liquid dampers," International journal of structural engineering and mechanics, Techno-press, ISSN 1225-4568, VOLUME 64, No. 2, PP 233-241.
9. Amardeep D. Bhosale and Mohan M. Murudi, 2017, "Experimental Investigation of Effectiveness of Slope Bottom Tuned Liquid Dampers," International Journal of Engineering Technology Science and Research (IJETSR), ISSN – 2394 – 3386, Impact factor 2.12, Volume 4, Issue 5, May 2017, PP 635-643.
10. Brijesh Gandhi, Prasad Gharat, M.M.Murudi : "A study on the effect of partial moment release on the behavior of steel structure". International Journal Of Innovative Research In Science, Engineering And Technology, July 2017
11. Supriya Chinivar, M.M.Murudi; "Parametric Study of Pile in Liquefiable Strata". International Journal of Technical Innovation in Modern Engineering and Science, July 2017
12. "Improvement in Engineering Properties of Subgrade Soils Due to Stabilization and its Effect on Pavement Response", By Atulya Patil, Swapnil Raut and Prashant P. Nagrale, An International Journal of Geomechanics and Engineering, (Techno- Press, ISSN: 2005-307X), Volume 12, Number 2, February 2017 Pp – 257-267.
13. "Strategic Planning for Redevelopment of Residential Projects in Mumbai", By Prashant P. Nagrale and Amlani Saurabh, J . National Institute of Construction Management and Research (NICMAR) – Jan. 2017.

2018

1. AA Qureshi, H Jeswani Qualitative study on construction project risk Int. J. Eng. Technol. Sci. Res, ISSN 2394 – 3386 Volume 5, Issue 4, 40-48, April 2018

2. M kumar Dubey, H Jeswani Qualitative study on Stressors-Stresses-Absenteeism pattern among Indian construction professionals Int. J. Eng. Technol. Sci. Res ISSN 2394 – 3386 Volume 5, Issue 4, 77-83, April 2018.
3. Shankar C Sharma, A. A. Bage (2018). Parametric Study of Diagrid, Pentagrid and Hexagrid Structural Systems, International Journal of Technical Innovation in Modern Engineering and Science, Volume 4, Issue 6, pp 1440-1445.
4. Harshal. R. Chaudhari, Dr. A. A. Bage (2018). Non-Linear Analysis of Slender Bridge Pier and Design of its Foundation, International Journal of Technical Innovation in Modern Engineering and Science, Volume 4, Issue 7, pp 1375-1377.
5. Shraddha S. Kadam, Dr. A. A. Bage (2018). Comparative Study between Diagrid and Tube in Tube Structural System, International Journal of Technical Innovation in Modern Engineering and Science, Volume 4, Issue 7, pp 1432-1437.
6. Nikhil G. Pilodekar, Dr. A. A. Bage (2018). Optimization of Vertical Position of Outrigger and Belt Truss Structural System, International Journal of Technical Innovation in Modern Engineering and Science, Volume 4, Issue 7, pp 1438-1444.
7. Tushar Vilas Kamde, Dr. A. A. Bage (2018). Evaluation of RC Framed Building for Linear and Nonlinear Analysis by using Shear and Flexural Failure Model, International Journal of Technical Innovation in Modern Engineering and Science ,Volume 4, Issue 8, pp 312-317.
8. Kiran Shanbhag, Dr. A. A. Bage (2018). Parametric Study of Multistorey Buildings as per Indian Seismic Codes IS 1893:2002 & IS 1893:2016, International Journal of Technical Innovation in Modern Engineering and Science ,Volume 4, Issue 8, pp 549-559.
9. Nair Sindhu, Dr. A. A. Bage (2018). Steel Design using Working Stress Method and Clause of Section 12 of IS 800: 2007 – A Comparison, International Journal of Technical Innovation in Modern Engineering and Science ,Volume 4, Issue 10, pp 389-395.
10. S.P. Kewate, M.Murudi, (2018), “A Critical Study on the Empirical Period - Height Relationship for Reinforced Concrete Shear Wall Buildings” International journal of engineering technology science and research, Vol. 5, No. 2 , ISSN 2394 – 3386, pp 120-126.
11. S.P. Kewate, M.Murudi, (2018), “A Critical Study on the Empirical Period - Height Relationship for Reinforced Concrete Moment Resisting frame” The Indian Concrete Journal Vol. 92, July 2018, pp 89-94.

12. Shilpa, P.K and Murudi, M.M. (2018), "Empirical period - height relationship for shear wall system buildings in India." Journal of Structural Engineering, CSIR, (accepted, 2018),Paper ID : 1918
13. Khan, Ahmed and Ghadeg, Anil Nivrati and Nagrale, Prashant, Evaluating Benefits of Building Information Modelling (BIM) Using a 5D Model for Construction Project (November 24, 2018). Available at SSRN: <https://ssrn.com/abstract=3371434> or <http://dx.doi.org/10.2139/ssrn.3371434>
14. Anam Sayed, Sanjukta Bhowmik and A.N.Ghadge (2018) “ Development of Hybrid Microbial Fuel Cell for Wastewater Treatment System and Electrocoagulation” International Journal of Engineering Technology Science and Research” (IJETSR), ISSN 2394 – 3386, Volume 5, Issue 4, April 2018.
15. Ashish Mutha & Dr. Anil Ghadge (2018) “Evaluating the factors affecting Quality of Residential projects in Construction Industry”, International Journal of Engineering Technology Science and Research IJETSR, ISSN 2394 – 3386 Volume 5, Issue 4 April 2018.
16. Krutika Bugade& Anil Ghadge (2018) “Investigating the factors influencing disputes in construction industry”, International Journal of Engineering Technology Science and Research IJETSR, ISSN 2394 – 3386 Volume 5, Issue 4 April 2018.
17. Conceptual and Strategic Planning for Undeveloped Residential Area in Mumbai City. By, Saurabh A. and Prashant P. Nagrale, ASCE India Conference Proceeding, Dec.2018, pp – 15-21.
18. Kasar Rushikesh R. and Gaikwad P. G. “Application of BIM: A Case of Flyover” hosted on Elsevier SSRN.com Proceeding, 2018.

2019

1. Meet Maru, Aalisha Visaria, Jagrut Savani, Yash Karwa, Harshvardhan Thakkar, Dr. A. A. Bage (2019). Performance Based Seismic Design of Tall Buildings, International Journal of Technical Innovation in Modern Engineering and Science ,Volume 5, Issue 8, pp 303-306.
2. V.B. Chandanshive and A. R. Kambekar (2019): “Estimation of building construction cost using artificial neural networks” Journal of Soft Computing in Civil Engineering, Article 6,

Volume 3, Issue 1 - Serial Number 7, winter 2019, Page 93-115, (DOI: 10.22115/scce.2019.173862.1098), IRAN.

3. Vishakha Halke, Prerna wavare, Karan kasode, Mahesh kute, Tejas mhadse, Ketaki Zambre and A. R. Kambekar (2019): “Preliminary survey & shared vision of planning for a smart village” (2019), International Research Journal of Engineering and Technology, e-ISSN:2395:0056, p-ISSN:2395:0072
4. Lari, Mohd. Sharique and Bhatt, Vandana and Ghadge, Anil Nivrati, Analytic Study of Construction Delays (February 22, 2019). Proceedings of Sustainable Infrastructure Development & Management (SIDM) 2019. Available at SSRN: <https://ssrn.com/abstract=3369450> or <http://dx.doi.org/10.2139/ssrn.3369450>
5. Kamble, Tejas and Bhatt, Vandana and Ghadge, Anil Nivrati, Developing Tools to Streamline the Process of Contract Administration (February 22, 2019). Proceedings of Sustainable Infrastructure Development & Management (SIDM) 2019. Available at SSRN: <https://ssrn.com/abstract=3369450> or <http://dx.doi.org/10.2139/ssrn.3369450>
6. Patil, Ankita and Bhatt, Vandana and Ghadge, Anil Nivrati, Developing Forensic Investigation Standards to Effectively Deal with Structural Failures (February 22, 2019). Proceedings of Sustainable Infrastructure Development & Management (SIDM) 2019. Available at SSRN: <https://ssrn.com/abstract=3372764>.
7. Khan, Ahmed and Ghadge, Anil Nivrati, Building Information Modelling (BIM) Based Sustainability Analysis for a Construction Project (February 23, 2019). Proceedings of Sustainable Infrastructure Development & Management (SIDM) 2019. Available at SSRN: <https://ssrn.com/abstract=3372764> or <http://dx.doi.org/10.2139/ssrn.3372764>
8. “Strength Characteristics of Stabilised Subgrade and it’s Economics in Rural Roads”, By – Prashant P. Nagrale & Atulya Patil J. Indian Highway, New Delhi, India. December 2019, Pp – 38 – 45
9. “Economic Analysis of Cell Filled Concrete Pavements” By Dr. Prashant P. Nagrale, Bharati M. Jagdale and Sagar J.Goud, J. Indian Highway, New Delhi, India. Feb. 2019.
10. “Design Charts For Cement Concrete Low Volume Rural Roads”, By Dr. Prashant P. Nagrale, Bharati M. Jagdale and Ruchika Agarwala, J. Indian Road Congres, New Delhi, India. Jan 2019.

2020

1. Shubham R. Giri and A.R. Kambekar (2020): Aerodynamic and Hydrodynamic Study of Offshore Wind Turbine Foundation. *Journal of Offshore Structure and Technology*. 2019; 6(3): 23–35p.
2. Nadgouda K. and Choudhury, D. (2020). Seismic bearing capacity factor N_e for dry sand beneath strip footing using modified pseudo-dynamic method with composite failure surface", *International Journal of Geotechnical Engineering*, ISSN: 1938-6362, Taylor & Francis, UK, (accepted, in press with doi: 10.1080/19386362.2019.1707994).