

## **FACULTY PUBLICATIONS**

### **Conferences**

**Civil Engineering Department**  
**Sardar Patel College of Engineering,**  
**Mumbai**

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#### **1998**

1. Mohan M. Murudi & P. Banerji; "Seismic Behaviour of Structures with Tuned Liquid Dampers"; Proceedings of 11<sup>th</sup> Symposium (International) on Earthquake Engineering, Roorkee, 1998, 729-736.

#### **1999**

1. M.M. Murudi, P. Banerji & A.H. Shah; "Base excitation induced response control using tuned liquid dampers"; Proceedings of 17<sup>th</sup> Canadian Congress (International) of Applied Mechanics, Hamilton Ontario, Canada, 1999, 97-98.
2. Pradipta Banerji & Mohan Murudi; "Tuned liquid dampers (TLD) for controlling seismic response of structures", Proceedings of 4<sup>th</sup> International Conference on vibration problems, Jadhavpur University, Calcutta, 1999, 94-99.
3. P. Banerji & M.M. Murudi; "Tuned liquid dampers for controlling vibrations of cantilever structures", Proceedings of 3<sup>rd</sup> International Conference on shock and impact loads on structures, Singapore, 1999.

#### **2000**

1. M.M. Murudi & P. Banerji; "Multiple tuned liquid dampers as seismic vibration control devices", Proceedings of 1<sup>st</sup> International Conference on Vibration Engineering and Technology of Machinery, IISc Bangalore, 2000.

#### **2001**

1. M.M. Murudi & Anil Kumar Siddhanti; "Optimum positioning of Tuned Mass Dampers for multi-storeyed structures subjected to harmonic base excitation", National Conference on applicable mathematics in wave mechanics and vibrations-2001, 2001, 172-178.

#### **2002**

1. Mohan M. Murudi and Sharadchandra M. Mane; "Influence of Ground Motion Parameters on Seismic Effectiveness of Tuned Mass Damper (TMD)", Proceedings of Proceedings of 12<sup>th</sup> Symposium (International) on Earthquake Engineering, IIT, Roorkee , 2002, 1461 – 1475.
2. Mohan M. Murudi and Milind Palyekar; "Design Aid to R.C.C. Structural Elements Subjected to Seismic Forces With Ductility Requirements As Per IS 13920-1993" Proceedings of Proceedings of 12<sup>th</sup> Symposium (International) on Earthquake Engineering, IIT, Roorkee , 2002, 1389 – 1396.
3. Sachin A. Chavan, Mohan M. Murudi and P. Banerji; " Effect of Vertical Acceleration on Performance of TLD as a Seismic Control Device", Proceedings of Proceedings of 12<sup>th</sup> Symposium (International) on Earthquake Engineering, IIT, Roorkee , 2002, 1486 – 1495.
4. Mohan M. Murudi and M.A. Sreedharan; "Structural Control Device Combining Base Isolation with Tuned Mass Damper", Proceedings of 2<sup>nd</sup> International Conference on Vibration Engineering and Technology of Machinery (VITOMAC-II) BARC, Mumbai, 2002.
5. Kambekar A R and M C Deo (2002): "Neural networks to estimate oceanic pile group scour", Hydro-2002, I I T Bombay, pp.445-449.

#### **2004**

1. Abhinandan A. Bage, Pradipta Banerji, (2004). 'Damage Detection in Isotropic Plates Using ANN', Proceedings of International Conference on Advances in Structural Integrity, Indian Institute of Science, Bangalore. (in conjunction with XIII National Seminar On Aerospace Structures) SH-C85.
2. Abhinandan A. Bage and Pradipta Banerji, (2004). 'Damage Detection in Laminated Composite Plates Using Counterpropagation Networks', Proceedings of International Congress on Computational mechanics and Simulation, ICCMS-04, I.I.T. Kanpur, India, Volume II, pp-483-490.
3. Pradipta Banerji, Subrata Nayak and Abhinandan A. Bage (2004). 'Damage Detection in Structures Using ANN', Proceedings of Joint Indo-US Workshop on Advance Sensing Systems and Smart Structures Technology, Bombay, India.
4. Shailesh Namekar, A R Kambekar and M C Deo (2004): "Prediction of pile scour using ANN", INCHOE conference, Goa, Dec., 7-9, 2004, pp.716-723.

5. "Resilient Behaviour of Fibre Reinforced Subgrade Soil", By Nagrale, Prashant P., Satish Chandra and M.N. Viladkar, Conference: Immerging Trends in Highways and Bridges, TIET, Patiaela, India, 2004, pp. 178 – 182

#### **2005**

1. Abhinandan A.Bage, Pradipta Banerj, (2005). 'Neural Networks for Delamination Flaw Detection in FRP Laminated Composite Plates', Proceedings of the SPIE on Health Monitoring and Smart Nondestructive Evaluation of Structural and Biological Systems IV., Edited by Kundu, Tribikram., Volume 5768, pp. 369-377.
2. Shailesh Namekar, A R Kambekar and M C Deo (2005): "Neural networks to predict scour of piles in sea", Proceedings, Second Indian International conference on Artificial Intelligence, Pune, Dec. 22-24, 2005.
3. "Behaviour of flexible pavement resting on fibre reinforced subgrade soils", by Nagrale, Prashant P., Satish Chandra and M.N. Viladkar, Indian Geotechnical Conference, IGC-2005, Ahmedabad, India, pp. 185 -188.

#### **2006**

1. Jeswani, H. Treatment of Wastewater from the Gujarat Industrial Development Cooperation Estate, Ankleshwar, Gujarat Using Two Step Biological Processes, Proceedings., IGC 2006.1st-3rd of Feb, 2006.

#### **2007**

1. A R Kambekar (2007) "Soft Computing in Civil Engineering" Proceedings of National Conference: Immerging Trend in Civil Engineering, Govt. College of Engg. Amaravati MS. 22-23 March, 2007, (WRE Session) pp. VII5- VII13.
2. Ghadge A.N., and Sawant P.H. (2007)," Quality Management System In Construction" National conference on "Emerging Technology and Developments in Civil Engineering."(ETDCE-07), Amravati, 22-23 March, 2007.
3. "Mechanistic Approach for Fibre Reinforced Flexible Pavement", by Nagrale, Prashant P., Satish Chandra and M.N. Viladkar, Conference: Immerging Trend in Civil Engineering, Govt. College of Engineering Amaravti, March 2007.

## 2008

1. Jeswani, H., 2008., Advance Wastewater Treatment For Economical Non Potable Reuse SWRDAM 2008.
2. Bhosale, S.,Sawant, P., Shrivastav, P.,Jeswani, H. 2008. Bio-Composting of Distillery Waste to Save Fresh Water. Proceedings, SWRDAM 2008.
3. Bhoir R., Sawant P., Jeswani, H.2008.Wastewater Management : An Overview. SWRDAM 2008.
4. Zope, P., Sawant P., Jeswani, H.2008.Design Criteria, Protocol and Selection of Model for Urban Storm Water Management,Proceedings, SWRDAM 2008.
5. Zope, P., Sawant P., Jeswani, H. 2008. Pollution Prevention in Urban Storm Water Management,Proceedings, SWRDAM 2008.
6. Rao, C., Sawant P., Jeswani, H.2008 Review of Wastewater Management in Fertilizer Industry, SWRDAM, 2008.
7. Ghadge A.N., and Sawant P.H. (2008),” Quality Control In Material Management” International Conference on “Innovations in Building Materials, Structural Designs and Construction Practices “(IBMSDCP-2008), Erode Tamil Nadu, 15-17 May 2008.
8. Ghadge A.N., and Sawant P.H., (2008),” Design of storm Water Drainage system” National Conference on "Sustainable Water Resources Development and Management, SWRDAM-2008", Aurangabad.,13-14 June, 2008.
9. Ghadge A.N., and Sawant P.H., (2008) “Role of WTO towards Environmental Protection " in the International Conference on Green Growth to be held in December, 15th - 18th , 2008 , IBS, Hyderabad.
10. Ghadge A.N., and Sawant P.H., (2008) “Use of Inventory control technique in civil Engineering Project- A case Study" in the International Conference on Emerging Trends in Civil Engineering, , Loni, Ahemednagar, Maharashtra20<sup>th</sup> – 22<sup>nd</sup> December, 2008.
11. “Effect of tyre pressure on fibre reinforced subgrade soil: A Mechanistic Approach” by Nagrale, Prashant P., and Pusadkar S. S. Indian Geotechnical Conference, IGC-2008, Banglore, India. Pp – 202 – 205.

## 2009

1. B.N. Pandya, M.M. Murudi and A.A. Bage (2009). ‘Sesmic Retrofitting of reinforced Concrete Buildings’, Proceedings of National Workshop on Rehabilitation and Retrofitting of Structures, WSRR-09, I.I.T. Bombay, Mumbai.

2. B.N. Pandya, M.M. Murudi and A.A. Bage “Seismic Retrofitting of Reinforced Concrete Structure”, National workshop on Rehabilitation and Retrofitting of Structure-2009.
3. Reshma Raskar-Phule (2009); “Use of Geomatic Technology for Disaster Management (Tsunami Disaster Damage Detection - Case Study In Sri Lanka)”, Proc. of Second India Disaster Management Congress, NIDM, New Delhi, India
4. A R Kambekar, M C Deo, G. Latha and V Rajendran (2009): “Genetic Programming for wave simulation”, CESS 2010, National Conference on Coastal Processes, Resources and Management, Centre for Earth Sciences, Thiruvananthapuram, Kerala, Feb. 5-7, 2010, pp. 154-159.
5. A R Kambekar, M C Deo, G Latha and V Rajendran (2009): “Simulation of waves using the time series modeling”, Hydro-2009, Dec. 17-18, 2009, CWPRS, Pune, pp.286-291.
6. Kambekar A R, M C Deo, Mansi Daga and Suhasini Sakhare (2009): “Data driven methods to analyze wave buoy observations”, ASCE International Workshop on Computing in Civil Engineering, Austin, Texas, June 24-27, 2009, pp. 398-409.
7. M C Deo, A R Kambekar, G Latha and V Rajendran (2009): “Data driven methods to analyze and model ocean data”, International conference on ocean engineering, ICOE2009, IIT Madras, Feb. 1-5, 2009. Pp.455-464.
8. Kambekar A R, Deo M C, G Latha and V. Rajendran (2009): “Wave hindcasting using intelligent computing methods”, Symposium on wind wave modeling, I I T Madras, Feb. 12, 2009, pp.79-88.

## 2010

1. Nadgouda, K. A., and Hegde, R. A. (2010). The effect of lime stabilization on properties of black cotton soil. In Indian Geotechnical Conference (pp. 511-514).
2. Jeswani H., Mukherji S.2010. Comparison of coal gasifier and biomass gasifier wastewater.Proceedings, Enviroenergy 2010, 27-29thNovember, 2010.
3. Jeswani H., Mukherji S.2009.Feasibility Study for Treatment of Gasification Wastewater Using an Algal – Bacterial System. Proceedings, NUCONE 2009, 27-29th November, 2010.
4. A R Kambekar and M C Deo (2010): “Real time prediction of ocean waves using wind time series”. Tenth Symposium on Stochastic Hydraulics, Fifth International Conference on Water Resources and Environment Research 5th - 7th of July 2010 at Quebec City, Canada Water2010. ([http://www.water2010.org/program\\_search.php](http://www.water2010.org/program_search.php)).

5. “ Laboratory Investigation on Reinforced Subgrade Soil” P. P. Nagrale, P. H. Sawant and S. S. Pusadkar, Indian Geotechnical Conference, IGC-2010, IIT B, Mumbai, India, pp. T8-352 -355.

## **2011**

1. Mukherji, S. and Jeswani, H., “Treatment of biomass gasifier wastewater in a rotating biological contactor” International conference on “Processes in Biofilms”, Shanghai, China, organized by Tonji University, Shanghai, China and International Water Association, 27-30th Oct, 2011.
2. Jeswani, H. and Mukherji, S., "Treatment of biomass gasifier wastewater in bench-scale bioreactors by waste activated sludge and *Exiguobacterium aurantiacum*" International conference on "Microbes in Wastewater Treatment ", Goa, India, organized by BITS Pilani, Goa, India and International Water Association, 24-26th Jan, 2011.
3. Jeswani H., Mukherji S., Treatment of Biomass Gasifier Wastewater in Bench-Scale Bioreactors by Waste Activated Sludge and *Exiguobacterium aurantiacum*, MWT 2011, Jan 26-29, 2011.
4. Khilnani A., Shaikh S., Desai P. and Kambekar A R (2011): “Role of Urban Transport Planning in Air Pollution Mitigation” National Conference on Sustainable Development of Water Resources and Environment Management, SBCET, Jaipur, Feb. 25-26, 2011.
5. A R Kambekar and M C Deo (2011): “Wind wave simulation using Genetic Programming”, Proceedings of Hydro2011, pp. 960-969. Dec. 29-30, 2011, SVNIT Surat, Gujrat.
6. A. R. Kambekar et al. (2011): “Reuse of Rubber Aggregates in Waste Management” Proceedings of RACE-Ind2011, pp. E6-E12 (Environmental Engg. session). Dec. 21-22, 2011, Jaypee University of Engineering and Technology, Guna, MP.

## **2012**

1. Amardeep Bhosale, Sharvil Alex Faroz and Mohan Murudi, 2012, “Effectiveness of tuned liquid dampers using NSD numerical model subjected to harmonic ground motion,” International conference SPICON 2012.
2. Jasmeet Singh, Vaidehi Joshi, A. A. Bage (2012). Use of Artificial Neural Networks for Concrete Strength Predictability, Proceedings of International Conference on Recent Advances in Engineering, Technology and Management, SPICON-2012- Civil, AI4.

3. Jeswani H, B Sawant, A. Sengupta, A, Sarkar, A., Haldankar, M, Borole, K. Techno-economic evaluation for reuse of wastewater and rainwater, Heraklion, Greece, 23-25th March, 2012.
4. Madhav, V. D. Panchratna, H. Jeswani, V. Sethi, S. Mahajani, D. Giammar and J. Fortner and S. Mukherji “Gas Cleaning and Wastewater Treatment for Small Scale Gasification Systems” 4th International Symposium on Energy and Environment: Abundant, Clean, Cost Effective Systems for Sustainability, Dec 9th-12th, 2012. Poster Presentation.
5. Jeswani, H. and Mukherji, S., “Treatment of simulated biomass gasification wastewater using an algal-bacterial system”, International conference on “Ecotechnologies for Wastewater Treatment”, Santiago de Compostela, Spain, organized by University of Santiago de Compostela, Santiago de Compostela, Spain and International Water Association, 25-27th June 2012. (Won the best poster award)
6. B Bhatti, R Mehta, V. Panchal, A Qureshi, H Sohu, H Jeswani. 2012. Techno-economic analysis for the re-design of an existing structure to a sustainable structure, AARCV, 21-23rd June, 2012, Bangalore, India.
7. Kishan Pai, Gyanprakash Sharma, Hansa Jeswani. 2012. Solution: Nuclear waste disposal India. Racee 2012, NIT, Rourkela, held on 20-21, 2012.
8. Kishan Pai, Gyanprakash Sharma, Hansa Jeswani. 2012. Solid Waste Management in Mumbai. Racee 2012, NIT, Rourkela, held on 20-21, 2012.
9. Jeswani H., Mukherji S. 2012 Comparison of Acute Toxicity of Algal Metabolites Using Bioluminescence Inhibition Assay, Proceedings of 27th National Convention of Environmental Engineers, organized by Institution of Engineers, Mangalore, held on 24-25 January, 2012
10. A.R. Kambekar and S.H. Kajrekar (2012): “Redevelopment of building - an alternative to Retrofitting” Proceedings of all India seminars on repairs & rehabilitation of concrete structures, REHAB2012, The Institution of Engineers (India), Nagpur. Pp. 246-252, October 05th-06th, 2012,
11. Kambekar A. R. and Amritkar Sujit (2012): “Seepage Control in Water Supply Tunnel by Cement and Chemical Grouting-a Case Study” Proceedings of National Conference on Conference on Hydraulics, Water Resources, Coastal and Environmental Engineering, HYDRO2012, IIT Bombay, pp. 1839-1848, Dec. 7-8, 2012.
12. A.R. Kambekar and A.M. Shaikh (2012): “Systematic Approach of Sewer Management using GIS” Proceedings of National Conference on Conference on

- Hydraulics, Water Resources, Coastal and Environmental Engineering, HYDRO2012, IIT Bombay, pp 691-698, Dec. 7-8, 2012.
13. Kambekar A.R., Gadkar R., Mishra R., Nautiyal A. and Shinde P. (2012): "Design of an Industrial Steel Shed Using Different Codes" Proceedings of I-CORT2012, IOK-COE, Shirur, Pune. Pp. C12/C1-C8. Feb. 09-11, 2012.
  14. Chatterjee, P., Pandit, S., Ghadge, A. N., Ghangrekar, M.M. (2012). Performance comparison of air-breathing cathode and aqueous cathode earthen pot microbial fuel cell, National Conference on Recent Advances in Bio-energy Research, Organized by Sardar Swaran Singh National Institute of Research, Kapurthala, Punjab, India, December 7-8, 2012.
  15. Ghadge, A. N., Prasad, Sriranjani, Pradhan, Harapriya, Ghangrekar, M.M.(2012). Enhancing activity of electrogenic bacteria in microbial fuel cell by BES dosing. International Conference on Advances in Biological Hydrogen Production and Applications (ICABHPA-2012) Organized by JNTU, Hyderabad, India, December 14-15, 2012.
  16. Ghangrekar M.M., Ghadge, A. N. (2012). Scaling up of microbial fuel cell using clay membrane separator and non-catalyzed electrode materials. International Conference on Industrial Biotechnology (ICIB-2012), organized by Punjabi university, Patiala, India, November 21-23, 2012.
  17. "Design of Jute Reinforced Flexible Pavements" By Nagrale Prashant P. and et.al. International Conference SPICON 2012, Sardar Patel College of Engineering Andheri (w), Mumbai – 58, May 2012, TRE - 17.

## 2013

1. R. Raskar Phule and D. Choudhury (2013); "A critical review of liquefaction susceptibility criteria for fine grained soils subjected to earthquake loading", Proc. of Indian Geotechnical Conference, IGC-2013, Geotechnical Advances & Novel Geotechnical Applications (GANGA), ISBN: 978-81-925548-1-5, December 22 – 24, 2013, IIT Roorkee, Roorkee, India, Paper ID: 5Th-01, pp. 1-10.
2. Mukherji, S., A. Chavan and H. Jeswani, "Algal Bacterial Biofilm in Rotating Biological Contactor for Removal of Organic Contaminants from Wastewater: Advantages and Challenges" International Conference on Algal Biorefinery: A Potential source of



- Food.Biochemicals, Biofuels and Biofertilizers(ICAB 2012), IIT Kharagpur, India, 10th - 12th Jan,2013. Oral presentation, Abstract No.ICAB F090Q
3. Ninad Oke, Parth Choksi, Rumana Sayyed, Nikita Mahapatra and Hansa Jeswani A review on use of pervious concrete as a rapid gravity filter and for storm water management, 4th National conference on environment and biodiversity, Pune, 4-5th October 2013.
  4. Kambekar A. R. and Bhamre Parag (2013): "Impact of geo-environmental parameters and economics of delay in construction projects" IGC-2013, Indian Geotechnical Conference on Geotechnical Advances and Noval Geomechanical Applications. IIT Roorkee and CBRI Roorkee, at IIT Roorkee. December 22-14, 2013.
  5. Uday Chavan and A. R. Kambekar (2013): "Performance of concrete using natural and crushed sand along with admixtures" (Paper Id: INCAM\_2013\_SM\_26), Indian Conference on Applied Mechanics (INCAM) 2013, IIT Madras, 4 – 6 July 2013, proceeding of abstract pp. 43-44.
  6. S. Bhattacharya and A. R. Kambekar (2013): "Planning and designing rain water harvesting system for residential complex at Mumbai region " National Conference On "Recent Trends In Engineering, Technology & Management for Sustainable Development" (RTETMSD - 2013) On 13th August 2013 at MVN University, Palwal (Haryana).
  7. Kambekar A. R., Dani S., Kakade D., Khade S. Vhatkar K. Walke U. (2013): "Rainwater Harvesting System Design" National Conference on Current Research in Emerging Science and Technology, CREST-2013, Alwar Institute of Engineering and Technology. Rajasthan. April 5th – 7th, 2013.
  8. A.R. Kambekar and Sudip Ray (2013): "Total life cycle cost assessment of a project by integration of LCA and LCC methods", International conference on "Sustainable Innovative Techniques in Civil and Environmental Engineering", (SITCEE - 2013), organized by krishi sanskriti on 5-6 June, 2013 at Jawaharlal Nehru University, New Delhi.
  9. Krishna A. Joshi and A.R. Kambekar (2013): "Optimization of energy in public buildings", International Conference on Recent Innovations in Civil Engineering: (IC-RICE2013), Oct.25-27, 2013, organized by P.D.A. College of Engineering, Gulbarga Karnataka, India pp.585-589, (ISBN: 978-93-82880-74-5).
  10. Ketki S. Kamble and A. R. Kambekar (2013): "Analysis of factors contributing delays and claims in construction projects", International Conference on Recent Innovations in

- Civil Engineering: (IC-RICE2013), Oct.25-27, 2013, organized by P.D.A. College of Engineering, Gulbarga Karnataka, India, pp. 527-532, (ISBN: 978-93-82880-74-5).
11. Ninad B. Bhalerao and A. R. Kambekar (2013): "Analysis and design of zero sewage discharge system for a model township", International Conference on Recent Innovations in Civil Engineering: (IC-RICE2013), Oct.25-27, 2013, organized by P.D.A. College of Engineering, Gulbarga Karnataka, India, pp. 383-386, (ISBN: 978-93-82880-74-5).
  12. A.R. Kambekar and Sandip Haldive (2013): "Experimental study on combine effect of fly ash and pond ash on strength and durability of concrete" Proceedings of International Conference on Innovations in Civil Engineering" SCMS School of Engineering and Technology, Vidya Nagar, Karukutty, Ernakulam, Kerala. May 9-10, 2013 pp 81-86.
  13. Ghadge, A. N., Pandit, Soumya., Das, Debabrata., Ghangrekar, M.M.(2013). Performance of air cathode earthen pot MFC for simultaneous wastewater treatment with bioelectricity generation. 1st international workshop on waste to energy organized by NEERI, Mumbai, India, August 24-25, 2012.
  14. Jadhav D.A., Pandit S., Ghadge A. N., Das D., Ghangrekar M. M. (2013). Performance comparison between mixed and pure cultures in air cathode earthen pot microbial fuel cells. 10th National Conference on Solid State Ionics (NCSSI-2013), IIT Kharagpur, India, 22-24 Dec. 2013.
  15. Chatterjee, P., Pandit, S., Ghadge, A. N., Ghangrekar, M.M. (2013). Effect of binder loading on performance of air-cathode earthen pot microbial fuel cell. International Symposium on New Horizons in Bioenergy Research, IIT Kharagpur, India, January 14 – 16, 2013.
  16. Ghadge, A. N., Ghangrekar, M.M. (2013).Performance of Scalable Microbial Fuel Cell Using Multi-Anode/Cathode System with Ceramic Separator for Real-World Applications. 10th National Conference on Solid State Ionics (NCSSI-2013), IIT Kharagpur, India, 22-24 Dec. 2013.
  17. Ghangrekar, M.M., Ghadge, A.N (2013). Optimizing anodic chamber volume and power density for scaling up microbial fuel cell. 3<sup>rd</sup> National Conference on Recent Advances in Bio-Energy Research at SSS-NIRE, Kapurthala, 22-24 November 2013.
  18. Ghadge, A. N., Rajesh P.P., Pritha Chatterjee, & Ghangrekar, M. M. (2013). Scaling up a Microbial Fuel Cell Having an Air-Breathing Cathode and Multiple Electrodes. International Congress on Materials and Renewable Energy (MRE 2013), Athens, Greece, 1-3 July 2013.

19. Ghadge, A. N., Ghangrekar, M.M. (2013). Effect of non-catalyzed electrode materials on low cost scalable microbial fuel cell performance. International Symposium on New Horizons in Bioenergy Research, IIT Kharagpur, India, January 14 – 16, 2013.
20. “Estimation of Forecasted Amenities Required in Ward Mumbai City-Case Study” by Nagrale, Prashant P., and Pol Ashok, Indian Geotechnical Conference, IGC-2013, IIT Roorkee, India. Pp – 278-281.
21. “Finite Element Modelling of Flexible Pavements” by Nagrale, Prashant P., and More Deepak, Indian Geotechnical Conference, IGC-2013, IIT Roorkee, India. Pp – 105-108.
22. “Benefits of Mechanistic Approach for Low Volume Rural Roads”, by Nagrale, Prashant P., and Pravinkumar Jagtap, Indian Geotechnical Conference, IGC-2013, IIT Roorkee, India. Pp – 97-100.
23. “Mechanistic Approach for Design of Low Volume Rural Roads”, By Pravinkumar S. Jagtap and Dr. Prashant P. Nagrale, National Conference on Recent Advancement and Development in Civil engineering (RDACE-2013) at SKR college of Engineering Poonamallee, Chennai on 14th to 15th March, 2013.
24. “Estimation of Forecasted Amenities for Disposal of Sewage Required in Dahisar ward of Mumbai City,” by Ashok S.Pol and Dr. Prashant P.Nagrale; National Conference on Recent Advancement and Development in Civil engineering (RDACE-2013) at SKR College of Engineering Poonamallee, Chennai on 14th to 15th March 2013.
25. “Estimation of Forecasted Amenities Required in R/North Ward of Mumbai City: A Case Study,” by Ashok S. Pol and Dr. Prashant P. Nagrale; National Conference on Recent Advancement and Development in Civil engineering (RDACE-2013) at SKR College of Engineering Poonamallee, Chennai on 14th to 15th March 2013.
26. “Estimation of Forecasted Amenities Required in R/North Ward of Mumbai City: A Case Study,” by Ashok S. Pol and Dr. Prashant P.Nagrale; National Conference on Recent Advancement and Development in Civil engineering (RDACE-2013) at SKR College of Engineering Poonamallee, Chennai on 14th to 15th March, 2013.
27. “Economic Analysis of Rural Roads Using Finite Element Modelling,” By Pravinkumar S. Jagtap and Dr. Prashant P.Nagrale, National Conference on Recent Advancement and Development in Civil engineering (RDACE-2013) at SKR college of Engineering Poonamallee, Chennai on 14th to 15th March, 2013

1. Jeswani H, Mukherji S 2014. Biological treatment of biomass gasification wastewater. 2<sup>nd</sup> IWA Specialized conference- Ecotechnologies for Wastewater Treatment-EcoSTP, held in Verona, Italy 23rd -27th June 2014 (Best Paper Award)
2. D.B. Lokhande and A.R. Kambekar (2014): “Design and development of Graphical User Interface for rate analysis of building construction using visual basic”, Proceedings of “Tech-streams” a national conference on 21st and 22nd Feb. 2014, Pillai HOC College of Engineering & Technology, Rasayani, Panvel, Raigad, Maharashtra pp. 46-50, ISBN 978-93-82626-00-8 (Received best research paper award in the conference).
3. A.J. Velani and A. R. Kambekar (2014): “Application of Value Engineering Techniques in Construction Projects” Proceedings of “Tech-streams” a national conference on 21st and 22nd Feb. 2014, Pillai HOC College of Engineering & Technology, Rasayani, Panvel, Raigad, Maharashtra pp. 35-38, ISBN 978-93-82626-00-8.
4. N. Godage, H. Patil, A. Patil, R. Pillay, R. Zade and A. R. Kambekar (2014): “Experimental study on strength characteristics of fly ash based concrete” Proceedings of “Tech-streams” a national conference on 21st and 22nd Feb. 2014, Pillai HOC College of Engineering & Technology, Rasayani, Panvel, Raigad, Maharashtra pp. 25-27, ISBN 978-93-82626-00-8.
5. A.R. Kambekar (2014): “Strategic Planning in Higher Learning Institution” National Conference on TEQIP-II: Best Policies and Practices held at SGGGS Nanded during 10-11 January, 2014.
6. Kambekar A. R. and Deo M. C. (2014) : “Real time wave forecasting using wind time history and genetic programming” Fifth Indian National conference on Harbour and Ocean Engineering, CSIR-National Institute of Oceanography (NIO) Goa, at NIO Goa, February 5-7, 2014 pp.73-78.
7. Tejeshree Chavan and A.R. Kambekar (2014) “Forecasting productivity of human resource in building construction using artificial neural network” Sixth International Conference on Excellence in Research and Education to be held during 8-11 May, 2014 at IIM Indore.
8. Reeza Shaikh and A. R. Kambekar "Cost and delay analysis in construction project" International conference on Eco-friendly Technologies for sustainable growth at MHSS COE Mumbai, March 27, 28, 2014, pp 161-165, ISBN 978-93-8335-220-3.
9. Deepankar Choudhury, Kaustav Chatterjee, Ashutosh Kumar and Reshma Raskar Phule (2014); "Pile foundations during earthquakes in liquefiable soils – theory to practice", Proc. of 15th Symposium on Earthquake Engineering (15SEE–2014), Editors M.L.

- Sharma and Manish Shrikhande, December 11-13, 2014, IIT Roorkee, Roorkee, India, pp. 327-342, Paper No. K-001 in CD, Elite Publishing, ISBN No. 978-81-88901-59-3
10. Viren B. Chandanshive and A. R. Kambekar (2014): "Prediction of early stage construction cost of building using artificial neural network" proceedings of National Conference on Advances in Civil and Structural Engineering, 22-23 August, 2014, Govt. College of Engineering Karad, pp 430-437, (ISBN: 978-93-5156-532-1).
  11. Nadgouda, K. (2014). Coconut fibre reinforced concrete. International Conference on Advances in Science, Engineering and Technology, ICASET – Chennai, September 2014, (pp. 5-7). ISBN: 978-93-84209-51-3.
  12. H. Jeswani, Ninad Oke, Parth Choksi, Rumana Sayyed, Amey Naik 2014. Use of Pervious concrete for filtration. 21st Century Watershed conference, University of Waikato, Hamilton New Zealand, Oral Presentation, 3rd-7th November 2014.
  13. Sumit Padwal and A. R. Kambekar (2014) : "Life Cycle Cost Analysis of a Transit Camp Building in Mumbai" International Conference on Advances in Civil and Mechanical System (ACMES 2014) organised by Government College of Engineering Amravati during 23-24 December 2014.
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18. Prof.S.J.Kumbhar “Critical Review on performance evaluation of Sequencing Batch Reactor working on Dairy waste treatment” International Conference on Recent Trends in Environmental Technology & Economy at SIES, Nerul on 10-11 Feb, 2017.
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4. Geetanjali Joshi and A. R. Kambekar (2018): "Impact of cost drivers and identifying alternative materials for storm water drainage system for the national highway Project" Research Conclave 2018, Indian Institute of Technology Guwahati, 17-20 March Guwahati, India (received Best Poster presentation award).
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  15. Sayed Anam and Ghadge A.N. Planning And Designing of Low Cost Bio-Electrochemical Waste Water Treatment System For Smart Villages, NICMAR Industry Academia Conference On Construction Management (IACCM) – 2018, July 27-28, 2018.
  16. Ashish Mutha and Dr Anil Ghadge (2018), “Evaluating the factors affecting Quality of Residential projects in Construction Industry” presented at Proceedings of the International Conference on Recent Innovation in Engineering, Science and Management



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  21. Bagul D. S. and Gaikwad P. G. " Evaluation of Earthmoving Construction Equipment Productivity", International conference on Emerging trends and Advances in Civil and Environmental Engineering, Nashik, 26-27<sup>th</sup> February 2018, pp. 450-461. ISBN:978- 93-86447-71-5.
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3. Aanand Singh, Prabhat Shrivastava, A. R. Kambekar (2019): "Financial Risk Assessment

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4. Shubham Vilas Kadam, P Shrivastava, A. R. Kambekar (2019): “Multimodal Integration and Strategic Planning for the Proposed Dahisar Metro Station”, National Conference on “Sustainable Infrastructure Development and Management” on 22nd-23rd Feb 2019 at VNIT Nagpur Maharashtra India. <https://ssrn.com/abstract=3371500> or <http://dx.doi.org/10.2139/ssrn.3371500>
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2. Dhruvi Bhavsar and A. R. Kambekar (2020): “Hydrologic Analysis and Hydrolic Design with Life Cycle Costing of a Road Project” National Conference on Advances in Construction Management 06-07th March 2020 (ACM 2020), COE Pune, Maharashtra India (Accepted)
3. Shweta A. Patil, and A. R. Kambekar (2020): “Homogeneity and Trend analysis for metrological stations in Bhima river basin in Maharashtra” 3rd International Conference on Innovative Technologies for Clean and Sustainable Development, (ITCSD2020) at NITTTR Chandigarh, India, 19-21- February 2020.
4. A.R. Kambekar, Dhruvi Bavaskar and Prabhat Shrivastava (2020): “ Hydraulic and Hydrologic analysis for Infrastructure project” 3rd International Conference on Innovative Technologies for Clean and Sustainable Development, (ITCSD2020) at NITTTR Chandigarh, India 19-21- February 2020
5. A.S.Kulkarni, V.A.Sheth, M.G.Salvi, P.S.Daund, P.R.Upadhyay & P.G.Gaikwad(2021), Pre-tender method statement for marine pile foundation, National conference on Advances in Construction Management, 6-7 March, 2020
6. Zuber Khan and Ghadge, A.N., (2020). ‘Financial Feasibility Analysis of Residential Redevelopment Projects in Mumbai, National Conference on Advance in Construction Management-2020 organized by Department of civil engineering (COEP), Pune, 6-7 March-2020
7. Sachin Kharmate and Ghadge, A.N., (2020). ‘Critical evaluation on Earn Value Management (EVM) technique for building construction project, National Conference on Advance in Construction Management-2020 organized by Department of civil engineering (COEP), Pune, 6-7 March-2020.
8. Tushar Pal and Ghadge, A.N., (2020). ‘Investigating the Effects of Inventory Control Technique in Construction Project, 4th International Conference on Advances in Civil and Structural Engineering (ICACSE 2020), 28-30 May-2020.
9. Pawle Md. Umar Ravish and A.R. Kambekar (2020): “Multi-criteria based analysis for prioritization of solid waste treatment methods for rural areas” Conference Name: 2nd International Conference on Rural Technology Development & Delivery (RTDD 2020 – ID:13), during 12-14 March 2020 at IIT Madras Chennai India.
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11. S. S. Dhonde and P. G. Gaikwad, “Risk Management in Smart city Road Project at Nashik” TEQIP III sponsored National Conference, held at COE Pune 6th & 7th March 2020.
12. Sachin Ahire and P. G. Gaikwad, “Value Engineering approach for Aerator in Water Treatment Plant” 4th International conference on Advances in Civil and Structural Engineering (ICACSE-2020) Jointly organized by GCOE Karad and REC Azamgarh, India held on 24th & 25th April 2020.

13. Shivam Dapkar and P. G. Gaikwad “Time and cost based performance evaluation of Highway project” 4th International conference on Advances in Civil and Structural Engineering(ICACSE-2020) Jointly organized by GCOE Karad and REC Azamgarh ,India held on 24th & 25th April 2020.

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1. Sonu Tiwari, Hansa Jeswani “Development of Risk Management System for Highway Project”, 2nd International Conference on Engineering and Advancement of Technology(ICEAT 2021), 16-17th July 2021
2. Sudipta Chakraborty, A. R. Kambekar and Dr. Arnab Sarma (2021): “Ambiguities In Predicting Sea Level Rise Due To Impact Of The Fluctuating Trends In Climate Change” submitted paper ID: 241, HYDRO 2021 International (26th International Conference on Hydraulics, Water Resources and Coastal Engineering), SVNIT Surat Gujrat, India
3. Sudipta Chakraborty, A. R. Kambekar and Dr. Arnab Sarma (2021): “Challenges In Strategizing Adaptation, Mitigation, and Sustainable Development To Combat Consequences Of Climate Change”, submitted International Symposium on Tropical Meteorology, INTROMET-2021 on Changing climate: Consequences and challenges (C4-21) organised by Indian Meteorological Society (IMS) and Cochin University of Science and Technology (CUSAT), November 23-26, 2021.
4. Viren B. Chandanshive and Ajay R. Kambekar (2021): “Prediction of Building Construction Project Cost using Classification and Regression Trees”, International Conference on “Emerging Research and Innovations in Civil Engineering” sponsored by Gujarat Council on Science and Technology (GUJCOST) and Directorate of Technical Education (DTE), Government of Gujarat on 17th April 2021.
5. Shweta A. Patil and A. R. Kambekar (2021): Calibration of Channel Roughness for Upper Bhima River Using HEC-RAS Model, International Conference Sustainable Water Resources Development and Management (SWARDAM-2021) 8-9 March, 2021 at GCOE Aurangabad Maharashtra
6. Chakraborty Sudipta, Kambekar Ajay, Sarma Arnab (2021): “Impact Of Climate Change On Sea Level Rise Along The Coastline of Mumbai City, India, -A Review”, ICSLRCR 2021: 23th International Conference on Sea Level Rise and Coastal Regions to be held in London, United Kingdom during Jun 28-29, 2021 (<https://waset.org/Publications> ), accepted.