Publications

Research Publications

Books/ Manuals	Papers in Refereed International Journals	Contributed papers in Conference or Symposium
-	8	56

(a) List of publications in the International Referred Journals

2016

1. Vaishak S R, Chandradhara G P, (2016), Optimum Cross Section Of Box Girder Bridge - an Fem Approach, Indian Journal of Advances in Chemical Science, Special Issue on Advanced Materials and Testing.
2. Vikram M. B., Chandradhara G P, (2016), Behavior Of Windward And Leeward Columns With Aspect Ratio And Height Of The Building, Indian Journal of Advances in Chemical Science, Special Issue on Advanced Materials and Testing.
3. Raghavendra Prasad M.D , Syed Shakeeb Ur Rahman and Chandradhara G. P.(2016), Non-Linear Behaviour of RcInfilled Frames Using Atena 2D, Indian Journal of Advances in Chemical Science, Special Issue on Advanced Materials and Testing.

2014

4. Naveed .A.G, Chandradhara .G.P,(2014) "Seismic Performance Of Infilled Frames With And Without Opening",IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE),e-ISSN: 2278-1684, p-ISSN: 2320-334X, PP 38-44.
5. Chandradhara G. P,Vikram.M.B, (2014)"Effect Of Wind Load On The Aspect Ratio Of The Building",IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE),e-ISSN: 2278-1684, p-ISSN: 2320-334X,PP 45-49.
6. Raghavendra Prasad M.D, Syed ShakeeburRahman, Chandradhara G. P, (2014)"Equivalent Diagonal Strut For Infilled Frames With Openings Using Finite Element Method" ,IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE),e-ISSN: 2278-1684, p-ISSN: 2320-334X, PP 24-29
7. Prasad, S. K., Towhata, I. Chandradhara, G. P. and Nanjundaswamy, P., (2004), "Shaking Table Tests In Earthquake Geotechnical Engineering" Current Science, Vol. 87, No. 10, pp 1398-1404.

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8. Towhata, I., Prasad, S. K., Tsuyoshi, H., and Chandradhara, G. P., (2002) "Geotechnical Reconnaissance study on Damage caused by 2001 Gujarat earthquake, India", Soils and Foundations, Vol. 42, No. 4, August 2002.

(b) List of publications in the International / National Conferences/ Symposia

International Conferences

1. Chandradhara G. P. and Syed Shakeeb Ur Rahman (2016), Relevance of Masonry Infills on the Seismic Response of Reinforced Concrete Structures, International Conference on Advanced Materials and Technology (ICMAT-16), 26th-28th May, S. J. college of Engineering, Mysuru, India.
2. Prakasha .G, Chandradhara. G.P. (2016), Seismic Performance Of Infilled Frames With Different Percentage Of Central Opening Using Pushover Analysis, International Conference on Advanced Materials and Technology (ICMAT-16), 26th-28th May, S. J. college of Engineering, Mysuru, India.
3. Vikram.M.B, Chandradhara G. P, KeerthiGowda B.S, (2014), Influence Of Wind On Dynamic And Static Analysis, Proceedings of the 2nd International Conference on Current Trends in Engineering and Management, ICCTEM-2014, 17– 19, July 2014, Mysore, Karnataka, India
4. Naveed .A.G, Chandradhara .G.P, (2014), "Effect Of Position And Percentage Of Opening In Infilled Frames Under Seismic Forces", International Conference on 'Recent Advances in Engineering sciences' (ICRAES-2014), September 4th and 5th 2014, M. S. Ramaiah Institute of Technology, Bengaluru-54.
5. Rashmi B. S. and Chandradhara G. P., (2014), Behaviour of Short Span Reinforced Concrete Simple slab Bridges and T – beam Bridge, International Conference on 'Recent Advances in Engineering sciences' (ICRAES-2014), September 4th and 5th 2014, M. S. Ramaiah Institute of Technology, Bengaluru-54.
6. Sujay Deshpande, Chandradhara G. P. (2013), Seismic Performance Of R.C. Frames Irregular In Elevation From Pushover Analysis, Fourth International Workshop On "Performance, Protection And Strengthening Of Structures Under Extreme Loading", Protect 2013, August 26th And 27th, Mysore, India.

7. Prasad, S. K., Towhata, I., Chandradhara, G. P. and Nanjundaswamy, P. (2013), Need for Forensic Engineering in Earthquake Geo-techniques- Case study from 2001 Gujarat earthquake, Fourth International Seminar on Forensic Geotechnical engineering, I. I. sc., Bangalore, January 10-12
8. Punith, N. and Chandradhara, G. P. (2012), "Seismic Behavior of Plan Asymmetric Buildings With and Without Shear Walls", Proceedings of the International Conference on Current Trends in Engineering and Management, (ICCTEM 2012), Vidyavardhaka College of Engineering, Mysore, Karnataka, India, pp. 83-86.
9. Megha, K. P. and Chandradhara, G. P. (2012), "Optimum Number of Cross Girders in Reinforced Concrete T-Beam bridge using SAP2000", Proceedings of the International Conference on Current Trends in Engineering and Management, (ICCTEM 2012), Vidyavardhaka College of Engineering, Mysore, Karnataka, India, pp. 16-19.
10. Prasad, S. K., Srikanta Prasad, S., Syed Shakeeb Ur Rahman andChandradhara, G. P. (2010), " Effect of soil stiffness on natural period of rigid structural frame system", 14th International Symposium in Earthquake Engineering, December 2010, Roorkee
11. Chandradhara, G. P, Prasad, S. K. and Revanasiddappa. K. (2007), 'Dense Zone in Subsoil of Embankment as a Counter Measure against Earthquake', 4th International Conference on EQ Geotechnical Engineering, Thessaloniki, Greece.
12. Prasad S. K. and Chandradhara, G. P. (2007), 'Earthquake Damages to Embankments in Andaman Islands in India', 4th International Conference on Earthquake Geotechnical Engineering, Thessaloniki, Greece.
13. Prasad, S. K., Chandradhara, G. P. and Nanjundaswamy, P. (2007) – Seismic Performance of earth embankments, Intl. Conf. Earthquake Hazard and Mitigation EHAM-2007, IIT Guwahati,
14. Prasad, S. K., Chandradhara, G. P., Nanjundaswamy, P, and Vijayendra, K. V. (2007) - Geotechnical aspects of Sumatra earthquake of December 2004 – an overview, 13th Asian Regionnal Conference in Soil Mechanics and Geotechnical Engg., Kolkata, Dec.
15. Prasad, S. K., Jagadeesh, N. M., Chandradhara, G. P. and Punit Vibhu, "Mud Volcano In Andaman Islands – A Seismic Activity" Intl. Conf. on Earthquake Engineering, ICEE-2006, Tanjore, India, February 2006.

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17. Prasad, S. K., Chandradhara, G. P., Yadunandan, C. N., Jagadeesh, N. M. and Nanjundaswamy, P., "Performance Of Embankments In Andaman Islands During The Sumatra Earthquake Of December 2004", International Conference on Infrastructure Development on Expansive Soils, INDEX - 2006, Erode, Feb-2006
18. Chandradhara, G. P., Prasad, S. K., Nanjundaswamy, P. and Revansiddappa, K. "Seismic Mitigation of Embankments with dense zone in Subsoil", 9th World Conference on Systemics, Cybernetics and Informatics SCI 2005, Florida, U.S.A., July
19. Prasad, S. K., Jagadeesha, N. M., Yadunandan, C. N., Chandradhara, G. P. and Nanjundaswamy, P. "Weight Sounding Test as an Alternative to Standard Penetration Test", Intl. Conf. in Advances in Geotechnical Engineering, Geopractice 2005, Bangalore, July 2005.
20. Prasad, S. K., Chandradhara, G. P., Nanjundaswamy, P. and Revanasiddappa, K. "Seismic Performance Of Reinforced Model Embankment On Shaking Table", Intl. ConfGeosynthetics&Geoenvironmental Engg, ICGGE 2004, Mumbai, December
21. Chandradhara, G. P., Prasad, S. K., Nanjundaswamy, P. and Revanasiddappa, K. "Mitigation Measures against Seismic failure of embankments", International E-Conference OnModern Trends In Foundation EngineeringGeotechnical Challenges And Solutions, IEC Geo3, I.I.T., Madras, January 2004
22. Prasad, S. K., Sitharam, T. G., Chandradhara, G. P. and Vijayendra, K. V. 'Geotechnical aspects of codal provision under seismic loading', 15th International Conference in Soil Mechanics and Foundation Engineering, Istanbul, July 2001.
23. Chandradhara, G. P. and Prasad, S. K., 'Response of RC frames to gravity load, wind load and earthquake load', Proc. Intl. Conf. on Civil Engg ICCE - 2001, Interline Publishing, Bangalore, pp 228-229, July 2001.
24. Chandradhara, G. P. and Sudharshan, "Expert System for R.C. Slabs", International Conference on Theoretical, Applied, Computational and Experimental Mechanics, I.I.T. Kharagpur, Jan- 1998

National Conferences

1. Vinyasa G. C, Abhinandan S and Chandradhara G. P. (2017), Study of Macro models and Seismic Performance of Infilled Frames, National conference on Recent Trends in Geoscience, Material Science and Civil Engineering(RTGMCE-2017), ATME, Mysuru, 23rd-24th, March.
2. Chandradhara. G. P. and Manjuprasad A. R. (2015), Dynamic Behavior of Three storey Building model using Shaking table Tests, National Conference on Recent Advances in Infrastructures Developments-RAID-2015, J. S. S. Acedemy for Technical education, Bangaluru.
3. Chandradhara. G. P. and Naveen RavindraKakati. (2015), Behaviour of an Integral Abutment and Jointless Bridges under Differential Settlement Using Finite Element Method, National Conference on Recent Advances in Infrastructures Developments-RAID-2015, J. S. S. Acedemy for Technical education, Bangaluru.
4. Chandradhara G. P. and Prasad S. K. (2014), Dynamic Behavior Of Embankment On Weak And Stiff Subsoil, Proceedings of Indian Geotechnical Conference IGC-2014, December 18-20, 2014, Kakinada, India
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7. Sujay Deshpande, Chandradhara G. P. (2013), Influence Of Soft Storey On The Seismic Performance Of Infilled R.C. Frames Using Pushover Analysis, National Conference On Recent Advances In Civil Engineering – Race 2013, Belgaum, Karnataka.
8. Chandradhara G.P., Prasad S.K, and Nanjundaswamy P. (2012), Assessment of Down hole acceleration in Bradbury dam during Santa Barbara Earthquake, Proceedings of Indian Geotechnical Conference, IGC-2012, December 13-15, New Delhi.
9. Priyanka S. and Chandradhara G.P., (2011), "Reduction of Seismic Induced Torsion in L-shaped buildings", National Conference on Recent Developments in Civil Engineering, VVIET, Mysore, Karnataka.

10. S. K. Prasad, K. V. Vijayendra, SitaramNayak and G. P. Chandradhara, (2010), "Requirements of site investigation for seismic design of geotechnical structures", National Workshop on Soil Exploration & Foundation Design, 25 – 26 June 2010, Vadodara
11. Prasad, S. K. and Chandradhara, G. P. (2010), "Seismic performance and design issues of earthen dams and embankments" , National Workshop on seismic design of earth structures & Foundations for high rise buildings on June, 2010 at IIIT, Hyderabad
12. Chandradhara, G. P., Prasad, S. K., Syed Shakeeb Ur Rahman and Revanasiddappa, K., Natural Frequency Of Embankment Subsoil System, Proc of 13th symposium on Earthquake Engineering at I.I.T., Roorkee, December 2006
13. Chandradhara, G. P., Prasad, S. K., Revanasiddappa, K., "Effect Of Frequency On Seismic Slope Stability Using Finite Element Technique", IGC-2006, IIT-M, Chennai, Dec-2006
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15. Prasad, S. K. and Chandradhara, G. P., (2006), "Geotechnical Aspects Of Sumatra Earthquake Of December 2004 In Andaman Islands", Proceedings of Institution of Engineers (India) Local Chapter, Mysore, February 2006
16. Chandradhara, G. P., Prasad, S. K., Revanasiddappa, K. "Finite Element Analysis Of Seismic Slope Stability From Pseudo-Static Approach", National Workshop in Earthquake Engineering, B. M. S. College of Engineering, Bangalore, February 2006.
17. Prasad, S. K., Jagadeesha, N. M., Yadunandan, C. N., Chandradhara, G. P. and Nanjundaswamy, P. "Weight Sounding Equipment for field testing of soil", Submitted to Indian Geotechnical Conference IGC-2005, Ahmedabad, December 2005.
18. Chandradhara, G. P., Prasad, S. K., and Revanasiddappa. K. "Finite Element Analysis of Dense Zone in Subsoil as a Seismic Mitigation of Embankments", National Seminar on Recent Developments in Design and Construction Technologies, REDECON-2005, Bangalore, October 2005.

19. Prasad, S. K., Jagadeesha, N. M., Yadunandan, C. N., Chandradhara, G. P. and Nanjundaswamy, P., "Performance Of Harbor Structures In Andaman Islands During The Sumatra Earthquake Of December 2004", National Seminar on Recent Developments in Design and Construction Technologies, REDECON 2005, Bangalore, October 2005.
20. Prasad, S. K., Chandradhara, G. P., Nanjundaswamy, P. and Revanasiddappa K, "Seismic Bearing Capacity Of Ground From Shaking Table Tests", IGC-2004, Warangal, December 2004.
21. Chandradhara, G. P., Prasad, S. K., Nanjundaswamy, P. and Revanasiddappa, K. "Mitigation Measures Against Seismic Failure Of Model Embankments", NSAGE, National Symposium on Advances in Geotechnical Engineering, I.I.Sc., Bangalore, July 2004
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23. Chandradhara, G. P., Prasad, S. K., Nanjundaswamy, P. and Revanasiddappa, K. "Performance Of Model Embankments Under Seismic Loading", IGC-2003, Roorkee, December 2003.
24. Nanjundaswamy, P., Prasad, S. K., Chandradhara, G. P. and Revanasiddappa, K. "Performance Of Quay Walls During Shaking From Shaking Table Tests", IGC-2003, Roorkee, December 2003.
25. Prasad, S. K., Chandradhara, G. P., Nanjundaswamy, P., Sunil, M. and Kiran, S. **"**Shaking Table Tests For Seismic Ground Response", Symposium on Advances in Geotechnical Engineering – SAGE 2003, I.I.T., Kanpur, March 2003.
26. Chandradhara, G. P., Prasad, S. K. and Nanjudaswamy, P.(2002) "Seismic Response Of Model Embankments From Shaking Table Tests", 12SEE-2002, Proc of 12th symposium on Earthquake Engineering at I.I.T., Roorkee, Vol 1, Phoenix Publishing House Pvt. Ltd., New Delhi, pp 442-449, December 2002
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31. Chandardhara, G. P., Prasad, S. K., Dhanunjaya, Y. C. and Umashankar, H. M. ‘Seismic behaviour of Rigid structure on saturated model ground, Proc. Indian Geotechnical Conference - IGC 2001, Indore, Vol. 1, Phoenix Publishing House Pvt. Ltd., New Delhi, pp.301-310, Dec 2001.
32. Chandradhara, G. P. and Prasad, S. K., ‘An approach to assess damage during earthquakes’, Proc. Indian Geotechnical Conf. IGC 2000, Quest Publications, Mumbai, pp. 359-360, Dec 2000.