

LIST OF PUBLICATIONS

AWARDS

1. **Balakumar V.** and Ilamparuthi K. (2002), IGS Afcons Biennial prize for the best paper on case histories for the year 2002-2003 for the paper 'Settlement of Piled Raft A case Study', Proceedings of IGC 2002, Allahabad, India, pp. 651-654.
2. **Balakumar V.** and Ilamparuthi K. (2007), IGS –AIMIL award for the best paper on instrumentation for the year 2007-2008 for the paper Performance Monitoring of a Piled Raft Foundation of Twelve Storied Building and Analytical Validation,' Indian geotechnical Journal, Vol. 37, No. 2, pp. 94-115.

JOURNAL

1. **Balakumar V.** and Ilamparuthi K. (2007), 'Performance Monitoring of a Piled Raft Foundation of Twelve Storied Building and Analytical Validation,' Indian geotechnical Journal, Vol. 37, No. 2, pp. 94-115.

INTERNATIONAL CONFERENCE

1. **Balakumar V.** and Ilamparuthi K. (2003), 'Field Study on Piled Raft Foundation of Twelve Storied Building in Chennai,' Proc. International conference on Field measurements in Geotechnical, 2003 Oslo Norway, pp. 17-22.
2. **Balakumar V.** and Ilamparuthi K. (2004), 'Laboratory Study on the Behaviour of Piled Raft on Granular Soils,' Proc. 15th South East Asian Geotechnical Society Conference 2004, Bangkok, Thailand, pp. 293-298.
3. **Balakumar V.**, Kalaifarasi V. and Ilamparuthi K. (2005). 'Experimental and Analytical Study on The Behaviour of Circular Piled Raft on Sand,' Proc. 16th International Conference on Soil Mechanics and Geotechnical Engineering-2005, Osaka, Japan, pp. 1943-1947.
4. **Balakumar V.** and Ilamparuthi K. (2009), 'Observational study on the Deep Foundations – CPRF and Energy Piles. Ed. Prof. Dr. Ing Rolf Katzenbach Technische Universitate, Darmstadt, Frankfurt, Ammain, Germany May 2011, pp.
5. **Balakumar V.** and Ilamparuthi K. (2010), 'Experimental and Numerical study on the behaviour of pile group of piled raft,' 17th South East Asian Geotechnical Conference 2010, Taipei, Thailand, pp. 200-203.
6. **Balakumar V.** Min Huang and A.S. Balasubramanian. (2010), 'Experimental and numerical study on the behaviour of pile group of piled raft,' 17th South East Asian Geotechnical Conference 2010, Taipei, Thailand, pp. 279-282.
7. **Balakumar V.** and Ilamparuthi K. (2011), 'Load Sharing Response of Circular and Non Circular Piled Raft,' The 14th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering 2011, Hong Hong, China, pp.
8. **Balakumar V.** Min Huang Erwin Oh, Mark Bolton and A.S. Balasubramanian (2013), 'Limiting Capacity of Piled Raft,' 18th South East Asian Geotechnical and Inaugural AGSSEA Conference 2013, Singapore, pp.
9. **Balakumar V.** Min Huang Erwin Oh, Mark Bolton and A.S. Balasubramanian (2013), 'Parametric Study on the Interaction Factor of Piled Raft,' 18th South East Asian Geotechnical And Inaugural AGSSEA Conference 2013, Singapore, Pp.

10. **Balakumr V.** Min Huang Erwin Oh, and A.S.Balasubramaniam (2013), Equivalent Pier Theory for piledraft Foundation Proc. 18th International Conference on Soil Mechanics and Geotechnical Engineering-2013, Paris, France,
11. **Balakumr V.** Erwin Oh, Mark Bolton and A.S.Balasubramaniam (2013), A design Method For Piledraft Foundation - Proc. 18th International Conference on Soil Mechanics and Geotechnical Engineering-2013, Paris, France,

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1. **Balakumar V.** and Ilamparuthi K. (2002), 'Settlement of Piled Raft – A Case Study,' Proceedings of Indian Geotechnical Conference, 2002 – Allahabad, India, pp. 651-654.
2. **Balkumar V.** Ilamparuthi K. and Kalaiarasi V. (2004), 'Study on the Behaviour Of Circular Piled Raft in Sand,' Proc. Indian Geotechnical Conference 2004, Warangal, India, pp. 362-365.
3. **Balakumar V.** Ilamparuthi K. and Kalaiarasi V. (2005), 'Study on Square Piled Raft on Granular Soil,' Proc. Indian Geotechnical Conference 2005. Ahmedabad, India, Vol. 2, pp. 11-14.
4. **Balakumar V.** and Ilamparuthi K. (2006), 'Performance of Model Piled Raft on Sand,' Proc. Indian Geotechnical Conference 2006, Chennai, India, pp. 463-466.
5. **Balakumar V.** and Ilamparuthi K. (2008), 'Behaviour of Rectangular Piled Raft and the Numerical Validation,' Indian Geotechnical Conference, 2008 – Bangalore, India, pp.
6. **Balakumar V.** and Ilamparuthi K. (2009), 'Effect of Pile Layout on the Behaviour of Circular Piled Raft on Sand,' Indian Geotechnical Conference, 2009 – Guntur, India, pp.
7. Ilamparuthi K. and **Balakumar V.** (2009), 'Characterization of Response of Circular Piled Raft Tested on Sand,' Theme Lecture, Indian Geotechnical Conference, 2009 – Guntur, India, pp.
8. **Balakumar V.** and Ilamparuthi K. (2010), 'Piled Raft Behaviour Based on 1G model studies,' Indian Geotechnical Conference, 2010 – Bombay, India, pp.
9. I.V. Anirudhan and **Balakumar. V** (2010), 'Pile Foundation as Settlement Reducer for Large MS Storage Tanks,' Indian Geotechnical Conference, 2010 – Bombay, India, pp.
10. **Balakumar. V** and I.V. Anirudhan (2011), 'Piled Raft Behaviour – Model Studies and Field Performance,' Indian Geotechnical Conference, 2011 – Kochi, India, pp.
11. **Balakumar. V** and I.V. Anirudhan (2012), 'Piled Raft Behaviour – Generalization for Design,' Indian Geotechnical Conference, 2012 – New Delhi, India, pp.