

## DEPARTMENT OF CIVIL ENGINEERING

### JOURNAL PUBLICATIONS

1. S. V. Sivapriya, S. R. Gandhi, "Soil-Structure Interaction of Pile in a Sloping Ground under different loading conditions", Geotechnical and Geological Engineering, ISSN 1089-3032, Oct 2019, pp 01-10.
2. P. Sangeetha, S. Ramanagopal, A. Jai Vigneshwar, A. Shrinidhi, K. Vaishnavi " Study on the Behaviour of the Cold Formed Steel Box Struts under Axial Compression" American Institute of Physics (AIP) Conference Proceedings, ISSN 0094-243X, Vol. 2161, No. 020045, Oct, 2019, pp: 020045-1 to 020045-7
3. P. Sangeetha, M. Shamugapriya, R. Manjula, U. Amrutha " Experimental and Analytical Study on the Behaviour of the Steel -Concrete Composite Beam" American Institute of Physics (AIP) Conference Proceedings, ISSN 0094-243X, Vol. 2161, No. 020044, Oct, 2019, pp: 020044-1 to 020044-7.
4. Sivapriya S V, Jijo James " Numerical study on static behaviour of a stone column under uniformly distributed load" American Institute of Physics (AIP) Conference Proceedings, ISSN 0094-243X, Vol. 2161, No. 020058, Oct, 2019, pp: 020058-1 to 020058-9.
5. Sivakumar N, H. G. Nahushananda Chakravarthy, Noor Amalina Anuar, Sreedhar Kalavagunta, Kamal Nasharuddin Bin Mustapha, "Behaviour of Cold Formed Steel Built-Up Channel Columns Strengthened using CFRP", International Journal of Steel Structures, Vol 14, No. 4, ISSN 1598-2351, Nov 2019, pp 01-12.
6. Sangeetha P, "Flexural behaviour of a cold-formed steel-concrete composite beam with channel type shear connector - An Experimental and analytical study", Civil and Environmental Engineering Reports, Vol 30, No. 3, ISSN 2450-8594, Nov 2019, pp 228-240.
7. Sivakumar N, Salmia Beddu, Zakaria Che Muda, Daud Mohamad, Agusril, Fadzli Mohamed Nazri, S N Sadon, M Hanafi, "Effect of Lightweight Waste-Based Aggregate on Lightweight Concrete", International Journal of Recent Technology and Engineering, Vol 8, No. 4, ISSN 2277-3878, Nov 2019, pp 1041-1044.
8. Sivakumar N, Salmia Beddu, Zakaria Che Muda, Daud Mohamad, Agusril, Fadzli Mohamed Nazri, S N Sadon, M Hanafi, "Effect of Lightweight Waste-Based Aggregate on Lightweight Concrete", International Journal of Recent Technology and Engineering, Vol 8, No. 4, ISSN 2277-3878, Nov 2019, pp 1041-1044.
9. R. Vijayalakshmi R. Sathia, " Effect of keel plate on the performance of FPSO suitable for arctic ice environment, Ships and Offshore Structures, ISSN 1744-5302, Nov 2019, pp. 01-11.

10. Y. K. Sabapathy, S. Sabarish, C.N.A Nithish, , S. M. Ramasamy, Gokul Krishna " Experimental study on strength properties of aluminum fibre reinforced concrete" Journal of King Saud University - Engineering Sciences, ISSN 1018-3639, Dec 2019, pp 01-07.
11. Jijo James, Sivapriya S V, Hemavathi S, Sathya P, Jayashree A, Murali P " A Comparative Laboratory Investigation in to the roll of Geo Synthetics in the Initial swell control of an expansive soil", Civil and Environmental Engineering Reports, Vol 29, No. 4, ISSN 2450-8594, Dec 2019, pp 18-40.