

## **Journals for the Academic Year 2017-18:**

1. P. Sangeetha, R. Senthil "Experimental Study on the service load behavior of the composite space truss" *Journal of Structural Engineering* Vol44, No.6, ISSN-0970-0137, February-March 2018, pp: 632-636.
2. Y. K. Sabapathy, D. Ravichandar "The effectiveness of surface modification in steel slag using granite powder" *Research journal of Pharmaceutical, biological and chemical sciences*, Vol: 9 (1), ISSN 0975-8585, Jan-Feb, 2018, pp 415-420.
3. Y. K. Sabapathy, S. Santhanabharathi, M. Bhagirathan, Priyadarshini K. P. Manimanickam R. M, Durga Abishek Katragadda, Pown Krishnan B, "Behaviour of Concrete Short columns with GFRP Reinforcements", *International journal of civil engineering and technology*, Vol. 9, Issue 1, January, 2018, ISSN 0976-6308, pp: 455-461.
4. Y. K. Sabapathy, P. Sangeetha, V. P. Haripriya, D. Revathi, D. Ravichandar, S. Sathya Priya, "Experimental Study on Strength of Slag Mortar by replacing the fine aggregate with EOF slag ", *International Journal of Civil Engineering and Technology*, Vol: 8, Issue, 12, ISSN 0976-6308, Dec, 2017, pp 850-858.
5. B. Powrna, R. Rajkumar, R. Aravindh, B. Gokula Krishnan, "Seismic performance on Non-Structural Elements - An Experimental Investigation and Numerical Analyses", *International Journal of Civil Engineering and Technology*, Vol: 8, Issue 11, ISSN 0976-6308, November 2017, pp 1018-1030.
6. Y.K.Sabapathy, J. Rekha, Ramya Sajeevan, "Experimental Investigation on Strength of Sisal Fiber reinforced concrete", *International Journal of Science Technology and Engineering*, Vol 4, Issue 4, ISSN: 2349 784X, October 2017, pp 21-25.
7. Suryakanta Biswal and A. Ramaswamy, "Uncertainty based model averaging for predication of long-time prestress losses in concrete structures", *Construction and Building Materials, Elsevier*, Vol. 153, Oct- 2017, ISSN-0950-0618, pp 469-480.
8. Y.K. Sabapathy, D. Ravichandar, V.B. Balasubramanian, N. Shiva Shankari and A. Yeshwant Kumar, "Experimental investigation of surface modified EOF steel slag as coarse aggregate in concrete", *Journal of King Saud University-Engineering Services (Elsevier)*, Vol. 29, ISSN-1018-3639, 2017, September 2017, pp 388-393.
9. P. Sangeetha, "Parametric Study on the Stiffness and Energy Absorption Capacity of Composite Space Struss" *International Journal of Advanced and Applied Science*, Vol: 4, Issue: 9, ISSN: 2313-626X, September, 2017, pp: 1-5.

10. R. Rajkumar, R. Aravindh, B. Gokula Krishnan, B. Mukul Anand, " Study on the Behaviour of Plate Girder with Plane Web and Corrugated Web", *Advances in Computational Sciences and Technology*, Vol 10, Number 9, ISSN: 0973-6107, July 2017, pp 2745-2764.
11. R. Vijayalakshmi, S. Ramanagopal, R. Sathia, and V. Aravindh Raj " Case study on the Repair and Rehabilitation of G+3 Residential apartments located in Sea Shore, Tamilnadu, India ", *Indian Journal of Science and Technology*, Vol; 10, (26), ISSN: 0974-6846, July 2017 , pp 1-7.
12. P. Naveen Kumar, P. Sangeetha, "Analysis of Non Composite and Composite space frame for varying support condition", *International Journal of Science Technology and Engineering*, Vol: 4, Issue 1, ISSN 2349-784X, July 2017, pp 21-31.

### **Conferences for the Academic Year 2017-18:**

1. Rajkumar R, Nirmala R, "Experimental and Analytical Studies on Buried UN-Plasticized Poly Vinyl Chloride Pipe", *2nd International Conference on Sustainable Technologies in Building & Environment (ICSTEBE 2018)* Sathyabama University, Chennai, January 23-25, 2018.
2. Sangeetha P, Ashwin Muthuraman R M, Dachina G, Dhivya M, Janani S, Sai Madu Mathi , "Behaviour of Concrete filled Steel Tubes", *National conference on Fluid Mechanics*, SSN College of Engineering, Chennai, 27-28, Oct 2017.
3. Muthulingam S "Gaussian descriptions of corrosion initiation in steel bars of fly ash concrete elements", *71st Rilem Annual week and ICCMS, 2017*, Chennai, India, 3-8, September 2017.
4. P. Sangeetha, R. Senthil, P. Naveen Kumar, "Influence of Design parameters on Composite and Non-Composite space truss analyzed using Ansys", *International Conference on Engineering Materials, Metallurgy and Manufacturing - ICEMMM 2018*, SSN College of Engineering, Chennai, 15-16, Feb.2018.
5. B. Mahalingam, P. Sreehari, Srinath Rajagopalan, S. Ramana Gopal, K. Mohammed Haneefa " Mechanical characterization and Robustness of self compacting concrete with quarry dust waste and class - F Fly Ash as fillers" *International Conference on Engineering Materials, Metallurgy and*

- Manufacturing (ICEMMM2018)*, SSN College of Engineering, Chennai, 15-16, Feb.2018.
6. Srinath Rajagopalan, B. Mahalingam, P. Sreehari, Mohammed Haneefa "On Mechanical and Thermal properties of concretes with rubber as partial replacement to well graded conventional aggregates" *International Conference on Engineering Materials, Metallurgy and Manufacturing (ICEMMM-2018)*, Dept. of Mechanical Engg., SSN College of Engineering, Chennai, 15-16, Feb.2018.
  7. Sivapriya S V, Charumathi N, " Effect of crumb rubber on inorganic and high compressible clay", *International Conference on Engineering Materials, Metallurgy and Manufacturing (ICEMMM2018)*, Dept. of Mech. Engg, SSN College of Engineering, Chennai, 15-16 February 2018.
  8. Manoharan R, Rajkumar R, Gokukla Krishnan B and Aravindh R, " Retrofitting of R. C. Beams using Polymer Ferrocement Laminates - Laboratory Model Study and Finite Element Analysis", *International Conference on Engineering Materials, Metallurgy and Manufacturing (ICEMMM2018)*, Dept. of Mech. Engg, SSN College of Engineering, Chennai, 15-16 February 2018.
  9. Sivapriya S.V, Sundaravadivelu.R and S.R . Gandhi, "Design of piles for a berthing structure on Artificial slope", *4th International Conference in Ocean Engineering (ICOE8)*, Department of Ocean Engineering, IIT-Madras, Chennai.