

Journals for the Academic Year 2016-17:

1. P. Sangeetha, R. Vijayalakshmi, S. Ramanagopal, " Study on effect of Bacterial in Bagasse-Ash concrete" *International journal of Civil Engineering and Technology*" Vol: 8, Issue: 6, ISSN: 0976-6308, June, 2017, pp: 45-52.
2. Vijayalakshmi R, Ramanagopal S, Jubin John Thomas H, Monika S, Priyanka C, Venkatesh S, "Experimental study on CFRP strengthened concrete beams" *International Journal of Civil Engineering and Applications*, Vol.7, No.1, ISSN: 2249-426X, June, 2017, pp 81-91.
3. R. Vijayalakshmi, P. Sangeetha, S. Ramanagopal, R, Aravindh Raj, R. D. Anu Varshini , "Influence of Sphaericus Bacteria on Mechanical properties of Bagasse-Ash replaced concrete", *International Journal of Science Technology and Engineering*, Vol: 3, Issue 12, ISSN 2349-784X, June, 2017, pp 25-29.
4. Vijayalakshmi Ramalingam, Sathia Ramanlingam, Ramanagopal Srinivasan, Panneer Selvam, "Parametric Study on the Hydro Dynamic response of DSI polygonal shaped FPSO", *Brodogradnja*, Vol:68, No. 2, pISSN: 0007-215X, June, 2017, pp 93-107.
5. R. Vijayalakshmi, S. Ramana Gopal, R. Sathia, Aravindh Raj, "Comparative Study on the Strength and Durability properties of M 50 Grade self compacting Concrete with micro concrete", *International Journal of Advanced Scientific Research and Management*, Vol: 2, Issue-5, ISSN: 2455-6378, May, 2017, pp-46-52.
6. Krishnan A V, Sivapriya S V and V. Nagarajan, "Finite element analysis of HYPAR shell footings with variation in edge beam dimensions and embedment ratio", *International Journal of Earth Sciences and Engineering*, Vol. 10, No. 2, ISSN 0974- 5904, 2017, April 2017, pp 150-154.
7. Muthulingam S "Gaussian descriptions of corrosion initiation in steel bars of fly ash concrete elements", *Structure and Infrastructure Engineering*, Vol: 13, Issue 10, ISSN 1573-2479, December 2016, pp 1308 - 1326.
8. Mahima S, Soumya K, Bahurudeen A, Haneefa MK, Mahalingam B, " Advanced Machines and Automation Techniques in Modern Construction Practice and their possible use in India", *Applied Mechanics and Materials*, ISSN 1662-7482, Vol 852, September 2016, pp 839-845.
9. Manoharan R, Rajkumar R, Akkineni Surya Teja, " Study on Compressive strength characteristics of spherical hollow core cement concrete blocks using ferro sand (Copper Slag)" , *Ahead International Journal of Recent Research Review*, Vol.1, Issue -3, September- 2016, ISSN 2456-205X, pp 72-79.

10. Nirmala R, Rajkumar R, Akkineni Surya Teja, Vignesh Bharathy K, “ Experimental and Theoretical Studies on Un-plasticized poly vinyl chloride (UPVC) pipe buried in Cohesionless Backfill”, *International Journal of Advanced Engineering Technology*, E-ISSN 0976-3945, Vol. 7, Issue 3 July-Sept., 2016, pp 122-125.
11. Sabapathy Y K, Yeswant Kumar A, Prathulya Vaidynath, Prashaanth B, “ Strength Properties of coated E-glass fibers in concrete” ,Gradevinar 9, Vol.68, Issue 9, September, 2016, p-ISSN: 0350-2465 , pp 697-703.
12. P. Sangeetha, V. Prashaanth, Srivatsan. D, Venkatesh S, Srinivas K, “ Fatigue Behaviour of Metals under various surface finishes”, *IOSR journal of Mechanical and Civil Engineering*, Volume 13, Issue 5, p-ISSN: 2320-334X, (Sep-Oct, 2016) pp 115-120.
13. Pavithra. P. K, Sowmiya. P, Uma Devi. S, Sivapriya S. V, “ Effective Reusage method of waste Material – Disposed Plastics”, *International Research Journal of Engineering and Technology*, Volume: 03, Issue: 07, July-2016, p-ISSN: 295-0072, pp 709-712.
14. R. Rajkumar, Poornima Rajkumar, Sharon, Suresh kumar, “Prediction of failures in Buildings using Sensors”, *International Journal of Engineering Sciences & Research Technology*, ISSN 2277-9655, Vol: 5(7) July, 2016, pp 694-699.
15. S. Muthulingam, B. N. Rao, “Effects of rebar on chloride ingress in steel reinforced concrete components”, *Journal of Structural Engineering*, Vol. 43, No. 2, ISSN: 0970-0137, July 2016, pp 135-149.
16. P. Sangeetha and R. Senthil, “A Study on Ultimate Behaviour of Composite Space Truss”, *KSCE Journal of Civil Engineering* Vol.21, No.3, p-ISSN 1226-7988, July 2016, pp 950-954.

Conferences for the Academic Year 2016-17:

1. R. Rajkumar , Akkineni Surya Teja, Gokula Krishana B, Aravindh R, " Smart Technologies and Green Environment", International Conference on Smart Technologies and *Green Environment ICSTAGE-2017*, Velammal Engineering College, Chennai, 24th March- 2017.
2. Rajkumar R, Roshini C, Sadhana S, Saranya S, “Robotics in Civil Engineering”, Velammal Engineering College, Chennai, 24th March -2017.

3. M. Elamathy, H. Lawanya, H. Nijandan, R. Dilip Kumar, Nagarajan V, Sivapriya S. V, “Impact of Industrial Effluents on Soil”, *Indian Geotechnical Conference IGC 2016*, 15-17 December, 2016, IIT Madras, Chennai.
4. Sumetha R, “Analyzing the demand for public transport through behavioral mode choice models for work trips in Tiruchirappalli City”, *International Conference on transportation planning and implementation methodologies for Developing Countries*, 19-21 December 2016, IIT Bombay.
5. S. Muthulingam, B. N. Rao, “Prediction of corrosion-free service life of concrete structures along coastal regions: A Numerical framework”, *5th International conference on Integrity-Reliability-Failure* at University of Porto/University of Toronto, Portugal, 24-28 July, 2016.