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Journal Publications

1. **Vidhya, K** Kandasamy, S. (2013), 'Study on properties of bricks manufactured using fly ash and pond ash', Pollution Research , vol. 32, Issue 02, pp. 405-409.
2. **Vidhya, K**, Kandasamy, S, Sanjana Malaimagal, U, Karthikeyan, SR, Sathick Basha, G & Tariq Junaid, H (2013), 'Experimental Studies on Pond ash brick', International Journal of Engineering Research and Development, vol. 6, Issue 5, pp. 06-11.
3. **Vidhya, K** Kandasamy, S 2013, 'Experimental Study on Stress-Strain Behaviour of Masonry Prism with Different Types of Brick and Mortar', International Journal of Earth Sciences and Engineering, vol.6, no.6 (01), pp. 1674-1683.
4. **Vidhya , K.** Swernalatha, S 2013, "Utilization of fly ash and pond ash in self compacting concrete", International journal of innovative research & Development, **Vol. 2, Issue 5, pp. 1672 – 1680.**
5. **Vidhya, K** Kandasamy, S 2014, 'Study on the Flexural Strength of Coal Ash Brick Masonry Wall Elements', Journal of Structural Engineering, Vol. 41, No. 4, pp.410-419.
6. Dinesh kumar, B, **Vidhya, K 2014**, 'Numerical study on seismic and temperature effects in a RCC building', International Journal Of Engineering Research And Technology, Vol. 3 - Issue 5, pp. 827-830.
7. Subathra S and **Vidhya K** , 2015, 'Experimental Investigation On Hybrid Fibre Reinforced Concrete', International Journal of Applied Engineering Research Volume 10, Number 19 (2015) pp. 13814 – 13819.
8. S.Jeyamurali, **K.Vidhya** , P. Ashok Kumar 2015, 'A experimental study on impact resistance of composite structural Elements', Integrated Journal of Engineering Research and Technology, pp: 101 – 107.
9. S.Jeyamurali, **K.Vidhya** , P. Ashok Kumar 2015, ' Study on impact resistance of composite structural elements" international journal of applied engineering research, vol. 10(a) 6498-6501, ISSN – 09734562.
10. **Vidhya, K**, Kandasamy, S 2016, Experimental investigations on the properties of coal ash brick units as Green building materials', International Journal of Coal Preparation and Utilization, Volume 36, 2016 - Issue 6.

11. **K. Vidhya**, E. Geethamozhi , L. Vijayan, S. Mani Shankar 2016, Study on Durability Performance of Blast Furnace Steel Slag Using High Performance Concrete, Int. J. Adv. Sci. Eng. Vol. 2 No.4 PP: 192-196. ISSN 2349 5359.
12. **Vidhya K** and Palanisamy T, 'Use of eco friendly material pond ash in building brick production' Indian Journal of Engineering, Accepted , Vol. 14 (35), 138 – 146. ISSN 2319-7757.
13. Mohan.S, Sivakumar.C.T, Tamilselvam.P, **Vidhya.K**, Muralimohan.N (2016) 'Reclamation of Nanjarayan Lake by using bio clean STP Treatment Tirupur Corporation in Tamilnadu, India', International Journal of Scientific and Engineering Research, Volume 7, Issue 11, pp : 128 -134.
14. **K.Vidhya**, T.Palanisamy, R.Thamarai Selvan (2017), An Experimental Study On Behaviour Of Steel Fibre Reinforced Concrete Beams', International Journal of Advanced Research Methodology in Engineering & Technology, Volume 1, Issue 2 pp: 178- 183.
15. S.Nandhini, **Dr.K.Vidhya**, 2017, "Experimental Study On Clay Brick Masonry Prism With Varies Mix Combination Of Cement Mortar", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 4, Special Issue 11, pp: 158-169.
16. R.Parthiban, **Dr.K.Vidhya** 2017, "Experimental Study On Fly Ash Brick Masonry Prism With Varies Mix Combination Of Cement Mortar", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 4, Special Issue 11, pp: 170- 181.
17. **Vidhya K**, Thamarai selvan.R 2017, " Determination of ultimate stress of fly ash brick wall using various grades of mortar with confinement, International Journal of applied engineering, Volume5, Issue 1, Pp.:254-257.
18. S. Mohan, **Dr.K.Vidhya** , Dr.C. T. Sivakumar, V. Shanmugavadivu, M. Devi And C. Mathinagalaxmi, Published a Paper in Indian Journal of Science & Research, "A Study on *"Solid waste management using Biomethanation Technology" Pallipalayam municipality in Namakkal district, Tamilnadu, india"*, ISSN: 0976-2876 (Print), Volume 1, Pg.No-137-147, 2017.

- 19.S.Mohan, Dr.N.Muralimohan, **Dr.K.Vidhya** and Dr.C.T.Sivakumar published a paper in Indian Journal of Science & Research "A Case study on -textile industrial process, characterization and impacts of textile effluent" , Volume17 (1), 2017 Page numbers: 080-084
- 20.**Dr.K.Vidhya**, V.Vishnudevan, S.Noel Edwin K. Mohanraj and T.Selvaraj Published a Paper in Indian Journal of Science & Research" paper titled 'Comparative analytical study on conventional frame and spandrel frame' Volume17 (1), 2017 Page numbers: 124-128.
- 21.T.Saranya, **Dr.K.Vidhya** V. Sasikumar P. Vengatesh and C.Nadhakumar , Published a Paper in Indian Journal of Science & Research " paper titled "Comparative analytic study on conventional slab and cellular slab, Volume17 (1), 2017 Page numbers: 129- 131.
- 22.Ms.P.Saradha, **Dr. K.Vidhya** and S.Visali Published a Paper in International Research Journal of Multidisciplinary Technovation (IRJMT)" paper titled "Experimental Investigation on Bacterial Concrete Using Bacillus Subtiles" Volume 1(6), 207-219 .
- 23.M. Suganthi, N. Ramesh, Dr. C.T. Sivakumar, **Dr. K.Vidhya** Published a Paper in International Research Journal of Multidisciplinary Technovation (IRJMT) paper titled "Physiochemical Analysis of Ground Water used for Domestic needs in the Area of Perundurai in Erode District", Volume 1(6) ; 630-635.
- 24.S. Mohan, **Dr.K.Vidhya**, C.T. Sivakumar, M.Sugnathi, V. Shanmugavadivu , M.Devi Published a Paper in International Research Journal of Multidisciplinary Technovation (IRJMT) paper titled "Textile Waste Water Treatment by Using Natural Coagulant (Neem-Azadirachta India)", Volume 1(6); 636-642.
- 25.S.Mohan , N.Muralimohan, **K.Vidhya** , C.T.Sivakumar Published a Paper in International Research Journal of Multidisciplinary Technovation (IRJMT) paper titled Assessment of Groundwater Pollution and Remediation-A Review Volume 1(6); 650-657.