



FACULTY JOURNAL PUBLICATIONS

S. No.	Dept.	Year	National Journal	International Journal
1	Civil	2019-20	1	6
2		2018-19	-	7
3		2017-18	09	06
4		2016-17	03	10

Faculty Publications

Academic Year: 2016-17

1. Ganesh Prabhu G, "Using carbon – fibre-reinforced polymer to strengthen concrete-filled steel tubular columns", Structures and Buildings, ICE Publishing, Paper 1600015.
2. Priya A.K., "Removal of Hexavalent Chromium by Adsorption Using Natural Wastes", Advances in Recycling and Waste Management, Vol 2, Issue 3.
3. Priya A.K., "Phytoremediation of Heavy Metals and its exploitation –Review", International Journal of Advanced Research, Vol 04, No 10, pp320-323,2016.
4. Priya A.K., "Rotating biological contactor for the treatment of textile industry waste water", International Journal of Advanced Engineering and Technology, Vol 7, No 1, pp 209-213, 2016.
5. Priya A.K., "Experimental Analysis on Recycled Plastic reinforced concrete", International Journal of Advanced Engineering and Technology, Vol 7, No 2, pp 1027-1029, 2016.
6. Priya A.K., "Bioremediation of color and COD from dye effluent using indigenous and exogenous microbes", Desalination and Water Treatment, Vol 59, pp. 243–247.
7. Priya A.K., M Nithya, "Biodegradation approach for an upcoming disaster (plastic)", Asian Journal of research in social sciences and Humanities, Vol.7 No.2, pp560-565,2017.
8. Letcham K, "Use of Super absorbing polymers for internal curing of conventional concrete with low w/c ratio", International Journal of Engineering Research and Technology, Vol 05, No 11, pp 161-165,2016.

9. Anandaraj S, Kavim Kumar V, "Experimental Study on behavior of high early strength fiber reinforced concrete using polyester and glass fibers", International Journal of Engineering Research and Technology, Vol 05, No 12, pp 482-486,2016.
10. Anandaraj S, Letcham K, "Experimental Study on behavior of fiber reinforced concrete using polyester and glass fibers", International Journal of Engineering Research and Technology, Vol 05, No 11, pp 597-601,2016.
11. Nithya M, "Experimental Investigation on impact of sand mining in coastal regions and potential reuse of silica sand as construction materials", International Journal of Geomarine Sciences, Vol.45, No.07, pp 885-888,2016.
12. Nithya M, "Study on compressive strength of concrete using magnesite waste as partial replacement for fine aggregate", International Journal of Advanced Engineering and Technology, Vol 7, No 2, pp 469-470, 2016.
13. Karthik D, "Experimental Investigation on partial replacement of fine aggregate by using river crushed stone", International Journal of Engineering Trends and Technology, Vol. 41, No 03, pp 124-126,2016.

Academic Year: 2017-18

1. P Selvaraj Kumar, "Using Silica Mineral waste as aggregate in a green high strength concrete: workability, strength, failure mode and morphology assessment", Australian Journal of Civil Engineering, 2018 (Online).
2. P Selvaraj Kumar, "Eco friendly High strength concrete production using silica mineral waste as fine aggregate – An Ecological Approach", Ecology, Environment and Conservation, 2018 Vol. 24 (2), 2018.
3. R. Gokulan, G. Ganesh Prabhu, S. Hariharasuthan, "Optimization of Bio-Hydrogen Production From Bio-Wastes", Ecology, Environment and Conservation, 2018 Vol. 24 (1), 2018.
4. Sridhar J, "Effect of industrial waste-steel slag in impact behavior of ferrocement panels", Ecology Environment and Conservation, Vol. 23, No. 3, pp. 472-478.
5. Rangunath S, "Suitability Analysis of Ground and Surface water quality for domestic purpose along upstream side of Coimbatore city", International Journal of Chem Tech Research Vol.10, No.11 pp 205-212,2017.
6. Rangunath S, Priya A.K., "Investigation of water contamination in Noyyal river in the reach of Coimbatore city links", International Journal of Chem Tech Research Vol.10, No.11 pp 201-204,2017.

7. Rangunath S, "Seasonal water quality indexing on surface storage and subterranean dispersion at Ukkadam Periyakulam tank in Coimbatore city", Ecology Environment and Conservation, Vol. 24, No. 1, pp. 411-416,2018.
8. Saranya K, "Soil Stabilization using rubber waste and cement (Standard proctor test and CBR)", International Journal of Civil Engineering and Technology Vol.8, No.6, June 2017, pp 629-638.
9. Shriindhu J, "Influence of Mineral Admixture on strength aspects of self compacting concrete", International Journal of Chem Tech Research Vol.10, No.11 pp 102-108,2017.
10. Saranya K, "An Experimental Study of concrete by partial replacement of cement by bagasse ash and coarse aggregate by recycled aggregate", International Journal of Chem Tech Research Vol.10, No.11 pp 91-94,2017.
11. Praveen S, "Air Quality Index (AQI) for Development of Environmental Impact Assessment (EIA) Reports of Urban Infrastructural Projects in Coimbatore City", Nature Environment and Pollution Technology, vol. 17, no. 01, pp. 323-328, 2018.
12. M Senthil Kumar , Praveen S, "Exploration of competence and cost efficacy of Psychiatry for water draw off system", Ecology, Environment and Conservation, vol. 24, no. 01, pp. 469-475, 2018.
13. Praveen S, "Kinetic modelling of growth on biodegradation of Naphthalene using of Rhodococcus sp", Ecology, Environment and Conservation, vol. 24, no. 03, 2018.
14. Sridhar J, "Behaviour of ferrocement laminates with industrial waste-steel slag under flexure", Ecology, Environment and Conservation, vol. 24, (February Suppl.), pp. (S432-S440), 2018.
15. Rangunath S, "GIS Backed parametric surface and ground water quality indexing in the vicinity of a multi utility system tank", Indian Journal of Geo Marine sciences.

Academic Year: 2018-19

1. Dr.J.Sridhar, "Study on Strength and Durability Properties of High Performance Concrete Incorporating Nano-Silica", International Journal of Advanced Research in science,Engineering & Technology Volume 6, Issue 5, May/2019,Pp.23-32 (ISSN NO: 2350-0328)
2. Mr.K.S.Elango, "Utilisation of waste Plastic in Manufacture of Paver Blocks", IJRST Volume 5,Issue 11,April 2019, Pp.125-137,ISSN : 2349 – 6010
3. Mr.K.S.Elango, "Strength and Durability of concrete using different types of binders (OPC & PPC)", IRJET Volume 6,Issue 3,March 2019,Pp.897-910,ISSN : 2395 – 0056

4. Dr.A.K.Priya, “Industrial waste water treatment using advanced oxidation process - a review”, IJEAT Volume 8, Issue 3, February/2019,Pp.45-52, (ISSN NO: 2249-8958)
5. Dr.A.K.Priya, “ Removal of heavy metals using Nano particles - a review”, IJEP, Volume 39, Issue 1, January/2019,Pp.582-598
6. Mr.K.Rajkumar, “A study on Asisan public private partnership in Infrastructure projects”, IJMTE Volume 8, Issue 12, December/2018,Pp.124-132.(ISSN : 2249 - 7455)
7. D.Vivek, “Study on Strength and Durability Properties of High Performance Concrete Incorporating Nano-Silica”, International Journal of Advanced Research in science,Engineering & Technology, Volume 6, Issue 5, May/2019 ,Pp.89-97(ISSN NO: 2350-0328)

Academic Year: 2019-20

1. S. Logeshwaran& S. Elavarasan, “Design of Traffic intersection at Moolapattarai in Erode city”, Transtellar, 2019.
2. P. Indhiradevi& A. SujithaRekha, “Use of Median as an alternative for signalized intersection – A case study of laxmi mills junction”, International Journal of Management Technology & Engineering, 2019.
3. P. Indhiradevi, “Roundabout as an alternative for signalized intersection at sitra junction, Coimbatore (East)” International journal of engineering, Applied Science & Technology, 2019.
4. Yogeshwaran V and Priya AK, “Treatment of fish processing industrial waste water using immobilized jacketed column reactor”, Indian Journal of Environmental Protection, 2019.
5. K. S. Elango, V. Revathi, “Infiltration and clogging characteristics of pervious concrete” Asian Journal of Civil Engineering, 2019.
6. Priya AK, M. Nithya, B. Dinesh and J.Bajan Singh, “Removal of Heavy Metals by Biosorption Technique using Halophilic Fungi”, International Journal of Engineering and Advanced Technology (IJEAT), 2019
7. D. Vivek, D.Jegatheeswaran, J. Sridhar, “Mechanical and Flexural Behavior of High Performance Concrete Containing Nano Silica”, International Journal of Engineering and Advanced Technology (IJEAT), 2019

Book Publication

1. Dr.A.K.Priya “Innovative Application in Engineering and Technology” , Jupiter Publication Consortium (JPC), Chennai, Tamil Nadu , 2017.

2. Dr. R. Dharmaraj, "Construction Materials" ISNT Tech Publishing (OPC) Pvt Ltd. Chennai, Tamil Nadu, 2018.
3. Dr. R. Dharmaraj, "Strength of Materials - I" ISNT Tech Publishing (OPC) Pvt Ltd. Chennai, Tamil Nadu, 2018.
4. Dr. R. Dharmaraj, "Foundation of Engineering" ISNT Tech Publishing (OPC) Pvt Ltd. Chennai, Tamil Nadu, 2018.
5. Dr.J.Sridhar, "Principles of Management" ISNT Tech Publishing (OPC) Pvt Ltd. Chennai, Tamil Nadu, 2018.