

## DR.K.S.ELANGO

### LIST OF PUBLICATIONS

1. K.S.Elango and V.Revathi, “**Properties of PPC Binder Pervious Concrete**”, International Journal Advanced Engineering and Technology, Vol. VII/Issue II/pp. 444-448, June 2016.
2. K.S.Elango and V.Revathi, “**FaL-G Binder Pervious Concrete**”, Construction and Building Materials – Elsevier Publication(ISSN: 0950-0618), Vol.140C& pp.91-99, February 2017.
3. K.S.Elango and S.Maheswaran, “**Experimental Study on Pervious Concrete with Pebbles as a Coarse Aggregate**”, International Journal for Innovative Research in Science & Technology, ISSN (online): 2349-6010, Vol.04/Issue 11& pp.26-30, April 2018.
4. K.S.Elango and V.Revathi, “**Bottom ash based Geopolymer Concrete Paver Blocks**”, Proceedings of IASTEM International Conference, Colombo, Sri Lanka, pp.1-6, November 2018.
5. R. Mirudubashini and K.S.Elango, “**Strength and Durability Study on Concrete Using Different Types of Binders (OPC & PPC)**”, International Research Journal of Engineering and Technology, e-ISSN: 2395-0056, Vol.06/Issue 03 & pp.5165-5168, March 2019.
6. K.S.Elango and K.S.Karthik Mani, “**Experimental Study on Concrete as a Partial Replacement of Steel Slag as Fine Aggregate**”, International Journal for Innovative Research in Science & Technology, ISSN (online): 2349-6010, Vol.05/Issue 11 & pp.26-31, April 2019.
7. K.S.Elango and S.Arjun Kumar, “**Utilization of Waste Plastic in Manufacturing of Paver Blocks**”, International Journal for Innovative Research in Science & Technology, ISSN (online): 2349-6010, Vol.05/Issue 11 & pp.20-25, April 2019.
8. K.S.Elango and V.Revathi, “**Infiltration and clogging characteristics of pervious concrete**”, Asian Journal of Civil Engineering, Vol. 20/Issue 8 & pp. 1119-1127, July 2019.
9. K.S.Elango and G.Krishnaprakash, “**Experimental study on pervious concrete using palm jaggery**”, International Journal for Innovative Research in Science & Technology, ISSN (online): 2349-6010, Vol.06/Issue 10 & pp.01-06, March 2020.
10. R.Gopi, M.Harihananth, M.Saravanan and K.S.Elango, “**Influence of Presaturated sugarcane bagasse ash pellets in concrete**”, Journal of Critical Reviews, Vol 7/Issue 7 & pp.648-652, April 2020.
11. K.S.Elango and V.Revathi, “**Mechanical and durability studies on pervious concrete using different types of binders**”, Romanian Journal of Materials, Vol. 50/Issue 2& pp. 258 -267, June 2020.
12. D.Vivek and K.S.Elango, “**Study of Pre Conditional Survey of Existing Building During Tunneling Process**”, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 09/Issue 6 & pp. 1414 -1425, June 2020.

13. K.S.Elango, P.R.Remya, D.Vivek, R.Gopi, R.Saravanakumar, **“Strength and durability studies on Ficus Exasperata leaf ash concrete”**, Materials Today Proceedings, 2020. DOI:<https://doi.org/10.1016/j.matpr.2020.06.195>.
14. V.Rajeshkumar, S.Anandaraj, V.Kavinkumar, K.S.Elango, **“Analysis of factors influencing formwork material selection in construction buildings”**, Materials Today Proceedings, 2020. DOI: <https://doi.org/10.1016/j.matpr.2020.06.044>.
15. C.Kaleeswaran, R.Saravanakumar, D.Vivek, K.S.Elango, R.Gopi, D.Balaji, **“A study on cold formed steel compression member - a review”**, Materials Today Proceedings, 2020. DOI: <https://doi.org/10.1016/j.matpr.2020.07.364>.
16. D.Vivek, K.S.Elango, R.Saravanakumar, B.Mohamed Rafek, P.Ragavendra, S.Kaviarasan, E.Raguram, **“Effect of Nano-Silica in high performance concrete”**, Materials Today Proceedings, 2020. DOI: [doi.org/10.1016/j.matpr.2020.06.431](https://doi.org/10.1016/j.matpr.2020.06.431).
17. K.S.Elango, D.Vivek, G.KrishnaPrakash, M.J.Paranidharan, S.Pradeep, M.Prabhukesavaraj, **“Strength and permeability studies on PPC binder pervious concrete using palm jaggery as an admixture”**, Materials Today Proceedings, 2020. DOI:<https://doi.org/10.1016/j.matpr.2020.08.006>.
18. G.Mirthun, D.Vivek, P.R.Remya, K.S.Elango, R.Saravanakumar, S.Venkatraman, **“Experimental investigation on strengthening of reinforced concrete beams using GFRP laminates”**, Materials Today Proceedings, 2020. DOI:<https://doi.org/10.1016/j.matpr.2020.08.544>.