

## Publications – Dr.K.S.Elango (Last 5 years)

Name	: Dr.K.S.Elango
Designation	: Assistant Professor (Sl.Gr)
Department	: Civil Engineering
Name of the Organization / Institution	: KPR Institute of Engineering and Technology
Place	: Coimbatore
Pin code	: 641407
Whether affiliated to Anna University	: Yes
Mobile	: +91 9942920668
E-Mail	: kselango04@gmail.com
Area of Specialization	: Structural Engineering

### 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>.