## Dr.K.Chinnaraju

Name : Dr.K.Chinnaraju

**Designation**: Professor

**Department**: Department of Civil Engineering

**University/Institution**: Anna University, Chennai

Place : Chennai

**Pin code** : 600025

**Mobile no** : 9003118150/22357411

E- mail : kcraju64@gmail.com, kcraju@annauniv.edu

**Area of specialization**: Concrete Technology, Stability of Structures, Reinforced

Concrete structures.

## **PUBLICATIONS:**

1. S.Sivaramakrishnan, **K.Chinnaraju** (2019), "Flexural behaviour of concrete beams reinforced with innovative FRP wrapped steel bars", Journal of Structural Engineering, Vol.46 No.3, pp 200 - 212.

- 2. R.Gopalakrishnan, **K.Chinnaraju** (2019), "Durability of Ambient cured alumina silicate concrete based on slag / fly ash blends against sulfate environment", Construction and Building Materials, Vol 204, pp 70 -83.
- 3. M.Barath Priyan and **K.Chinnaraju** (2019), Bidding strategy for building projects based on Game Theory, International journal of Construction Engineering and Planning, vol. 5, PP.1 11.
- 4. Ramkumar V R, **K Chinnaraju** and Murali Gunasekaran (2017), "Impact Resistance of FiberReinforced Concrete Containing Lime Sludge based Composite Cements", Journal of Structural Engineering, (Accepted), (UGC listed Journal, Scopus), Vol. 44, No. 6, pp. 1-15.
- 5. Ramkumar V R, **K Chinnaraju** and Murali Gunasekaran (2017), "On low-energy Impact Response of Fibre Reinforced Concrete Made with Binary and Quaternary Cementitious Blends of Lime Sludge, Fly ash and Metakaolin", Romanian Journal of Materials, Vol. 47, No.4, pp. 491 499.
- 6. Seethapathi. M, Senthilkumar S.R.R., and **Chinnaraju. K** (2016), "Study on Fly Ash Based Self-Compacting Concrete with Aggregate Replacements", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 9, pp.254-271.
- 7. R.Gopalakrishnan and **K.Chinnaraju** (2016), "Durability of alumina silicate concrete based on slag / fly ash blends against acid and chloride environment", Materials and technology, Vol.50, No.6, pp. 929-937.
- 8. S.Chitra, S.R.R.Senthil Kumar and **K.Chinnaraju** (2016), "The effect of colloidal nano silica on workability, mechanical and durability properties of high

- performance concrete with copper slag as partial fine aggregate", Construction and Building Materials, No.113,pp.794 804.
- 9. S.Chitra, S.R.R.Senthil Kumar, **K.Chinnaraju** and F.AlfinAshmita (2016), "A Comparative study on the compressive strength prediction models for high performance concrete containing nano silica and copper slag using regression analysis and Artificial Neural Networks", Construction and Building Materials, Vol. 114, pp.528 535.
- 10. Chithra. S, Senthil Kumar. S.R.R, **Chinnaraju, K**, Prabhu .S, and Chithra. R,(2015), "Analytical investigations on flexural behaviour of HPC beams with copper slag as partial replacement of fine aggregate using ABAQUS", International Journal of Applied Engineering Research, Vol.10, No.19, pp. 14054–14058.
- 11. R.Gopalakrishnan and **K.Chinnaraju** (2015), "Durability of Alkali Activated Concrete A Review", Australian Journal of Basic and Applied Sciences, Vol.9,No.27, pp.457 464.
- 12. R.Gopalakrishnan and **K.Chinnaraju** (2015)," Durability of Alkalai Activated Concrete A review", Australian Journal of Basic and Applied Sciences, vol.9,No.27, pp.457-464.
- 13. M.Seethapathi, S.R.R.Senthilkumar and **K.Chinnaraju** (2015), "Effect of Fly Ash in Self-Compacting Concrete Using Glass Fibers", International Journal of Applied Engineering Research, Vol. 10, No.61, pp.301-309.
- 14. M.Seethapathi,S.R.R.Senthilkumar and K.Chinnaraju (2015), "High Performance Self Compacting Concrete Using Recycled Coarse Aggregate and Eco Sand", International Journal of Applied Engineering Research,Vol. 10,No.47,pp.32335-32347.