

Dr. T. SAKTHIVEL

Assistant Professor (Selection Grade)

A-207, Department of Civil Engineering

Dr. Mahalingam College of Engineering and Technology

Pollachi 642 003, Tamil Nadu, INDIA

E-mail: thanga.sakthivel@gmail.com, Mobile: +91 99522 63820

PUBLICATIONS

Journals

1. Yuvaraj Dhandapani, **T. Sakthivel**, Manu Santhanam, Ravindra Gettu, and Radhakrishna G. Pillai (2018) "Mechanical properties and durability performance of concrete with limestone calcined clay cement (LC³)" *Cement and Concrete Research*, 107, pp.136-151
2. **T. Sakthivel**, Ravindra Gettu, and Radhakrishna G. Pillai (2019) "Compressive Strength and Elastic Modulus of Concretes with Fly Ash and Slag" *Journal of Institution of Engineers (India): Series A*. <https://doi.org/10.1007/s40030-019-00376-w>

Conferences

1. **T. Sakthivel**, Ravindra Gettu, and Radhakrishna G. Pillai. "Application of shrinkage models for blended cement concrete systems" 74th RILEM Annual Week and 40th Cement & Concrete Science Conference, 31 August to 4 September 2020, University of Sheffield, United Kingdom
2. Ravindra Gettu, Manu Santhanam, Radhakrishna G. Pillai, Yuvaraj Dhandapani, **Sakthivel T.**, Sripriya Rengaraju, Sundar Rathnarajan, Fathima Suma M., Anusha S. Basavaraj and Sanoop Prakasan, "Summary of 4-years of research at IIT Madras on concrete with lime stone calcined clay cement (LC³)" International Conference on Sustainable Materials, Systems and Structures 2019, Rovinj, Croatia
3. Ravindra Gettu, Manu Santhanam, Radhakrishna G. Pillai, Yuvaraj Dhandapani, **Sakthivel T.**, Sripriya Rengaraju, Fathima Suma M., Sanoop Prakasan, Sundar Rathnarajan, and Anusha S. Basavaraj "Recent research on limestone calcined clay cement (LC³) at IIT madras" Conference in Honour of Centennial of Laboratory of Construction Materials and 60th Birthday of Prof. Karen Scrivener (Lausanne, Switzerland), At Ecole Polytechnique Federale de Lausanne, Lausanne, Switzerland, 22 Aug 2018, Volume: pp. 76-79
4. **T. Sakthivel**, Swathi Shantharaju, Ravindra Gettu and Radhakrishna G. Pillai "Assessment of shrinkage prediction models for fly ash concrete" International Conference on Advances in Construction Materials and Systems, 3rd R. N.

Raikar Memorial International Conference and Gettu Kodur International Symposium, Mumbai, India, December 14-15, 2018.

5. **T. Sakthivel**, Ravindra Gettu, and Radhakrishna G. Pillai “Influence of incorporation of fly ash and slag on the shrinkage response of common concretes” International conference on advances in construction materials and systems, 71st RILEM Week and ICACMS, Chennai, India, September 3-8, 2017.
6. **T. Sakthivel**, E. K. Mohanraj, and S. Thiruganasambanam (2011) “Axial Capacity of concrete Filled Steel Tubular Slender Columns”, *Proc., International Conference on Emerging Trends in Engineering*, INDIA. 762 - 767.
7. S. Thiruganasambandam, **T. Sakthivel**, and M. Pravin (2009) “Flyash as Fine Aggregate in Polyester Resin Based Polymer Concrete - A Repair Material” *Proc., National Seminar on Disaster Mitigation and Rehabilitation of Structures*, INDIA. 303 - 309