

List of publications – Dr.Ravindra Gettu

1.Mechanistic-empirical design of fibre reinforced concrete (FRC) pavements using inelastic analysis

Nayar S.

2.Article Sadhana - Academy Proceedings in Engineering Sciences, Volume 45, Year 2020

DOI:10.1007/s12046-019-1255-1

3.Perspectives on Durability of Blended Systems with Calcined Clay and Limestone

Manu Santhanam ., Yuvaraj Dhandapani ., Ravindra Gettu ., Radhakrishna Pillai .,

4.Chapter RILEM Bookseries, Volume 25, Year 2020, Pages 581-591

DOI:10.1007/978-981-15-2806-4_65

5.Chloride-Induced Corrosion Resistance of Steel Embedded in Limestone Calcined Clay Cement Systems

Sripriya Rengaraju ., Radhakrishna G. Pillai ., Lakshman Neelakantan ., Ravindra Gettu ., Manu Santhanam .,

6.Life Cycle Assessment of LC3: Parameters and Prognoses

Ravindra Gettu ., Anusha S. Basavaraj .,

7.Chapter RILEM Bookseries, Volume 25, Year 2020, Pages 277-281

DOI:10.1007/978-981-15-2806-4_32

8.Perspectives on blended cementitious systems with calcined clay-limestone combination for sustainable low carbon cement transition

Indian Concrete Journal, Volume 94, Year 2020, Pages 31-45

8.Fatigue fracture of fibre reinforced concrete in flexure

Stefie J. Stephen ., Ravindra Gettu .,

9. Materials and Structures/Materiaux et Constructions, Volume 53, Year 2020

DOI:10.1617/s11527-020-01488-7

1Citations

10.A study on fresh properties of limestone calcined clay blended cementitious systems

Nithya Nair ., K. Mohammed Haneefa ., Manu Santhanam ., Ravindra Gettu .,

Construction and Building Materials, Volume 254, Year 2020

DOI:10.1016/j.conbuildmat.2020.119326

11.Study of Energy Use and CO2 Emissions in the Manufacturing of Clinker and Cement

Sanoop Prakasan ., Sivakumar Palaniappan ., Ravindra Gettu .,

12.Journal of The Institution of Engineers (India): Series A, Volume 101, Year 2020, Pages 221-232

DOI:10.1007/s40030-019-00409-4

Influence of Fibre Geometry on the Fracture of Steel Fibre Reinforced Concrete

Conference Paper IOP Conference Series: Materials Science and Engineering, Volume 936, Year 2020

DOI:10.1088/1757-899X/936/1/012025

13.Determination of the tensile constitutive relations of fiber reinforced concrete using inverse analysis

Stephen, Stefie J.;Raphael, Benny;Gettu, Ravindra;Jose, Sujatha

Construction and Building Materials, Volume 195, Year 2019, Pages 405-414

DOI:10.1016/j.conbuildmat.2018.11.014

14.Compressive Strength and Elastic Modulus of Concretes with Fly Ash and Slag

T. Sakthivel ., Ravindra Gettu ., Radhakrishna G. Pillai .,

Journal of The Institution of Engineers (India): Series A, Volume 100, Year 2019, Pages 575-584

DOI:10.1007/s40030-019-00376-w

15.Rate-dependence of the tensile behaviour of fibre reinforced concrete in the quasi-static regime

Stephen S.

Materials and Structures/Materiaux et Constructions, Volume 52, Year 2019

DOI:10.1617/s11527-019-1405-2

16.Impact of different climates on the resistance of concrete to natural carbonation

Huy Vu, Quoc;Pham, Gabriel;Chonier, Alain;Brouard, Eric;Rathnarajan, Sundar;Pillai, Radhakrishna;Gettu, Ravindra;Santhanam, Manu;Aguayo, Federico;Folliard, Kevin J.;Thomas, Michael D.;Moffat, Ted;Shi, Caijun;Sarnot, Anup

Construction and Building Materials, Volume 216, Year 2019, Pages 450-467

DOI:10.1016/j.conbuildmat.2019.04.263

17.Carbonation and its effect on microstructure of concrete with fly ASH and ground granulated blast furnace slag

Dhanya, B. S.;Rathnarajan,, Sundar;Santhanam, Manu;Pillai, Radhakrishna G.;Gettu, Ravindra

Indian Concrete Journal, Volume 93, Year 2019, Pages 10-21

18.Service life and life cycle assessment of reinforced concrete systems with limestone calcined clay cement (LC3)

Pillai, Radhakrishna G.;Gettu, Ravindra;Santhanam, Manu;Rengaraju, Sripriya;Dhandapani, Yuvaraj;Rathnarajan, Sundar;Basavaraj, Anusha S.