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Sl.No	Journal Publication Details (2015-2020)
1.	with B.AnishaaHarshinee, P.Priyanka,R.ShanmugaPriya, Divya Krishnan K, Effect of Cassava Peel Ash on StrengthCharacteristics of Soil, Journal of Advanced Research in Dynamical and Control Systems, Vol.10, 07-Special Issue, 2018, pp.1288-1293.
2.	with Lavanya V, Effect of Nano Fluid Admixtures on IndexProperties of Expansive Soil, Journal of Advanced Research in Dynamical and Control Systems, Vol.10, 07-Special Issue, 2018, pp.1164-1172.
3.	with Ranjith M, Experimental Study on Soil Stabilization usingMillet Husk Ash, Journal of Advanced Research in Dynamical and Control Systems, Vol.10, 04-Special Issue, 2018, pp.1210-1217.
4.	with L.Krishnaraj, Suresh Sagadevan, Synthesis and Characterization of Grinding Aid Fly Ash Blended Mortar Effect on Bond Strength of Masonry Prisms, Material Research Express, Vol.5, No.4, April 2018. <a href="https://doi.org/10.1088/2053-1591/aabda8">https://doi.org/10.1088/2053-1591/aabda8</a>
5.	with M.Jayaraman, Stabilisation of Problematic Soil Using Ultra-Fine Sugarcane Bagasse Ash, Journal of Advanced Research in Dynamical and Control Systems, Vol.10, 08-Special Issue, 2018, pp.1018-1022.
6.	with V.Sumitha, Divya Krishnan K, Study on Behaviour of Self-Healing Concrete Using Silica Gel, International Journal of Engineering & Technology, Vol. 7, No. 2.12, April – 2018, pp. 411-414.
7.	with Priyanga G, Divya Krishnan K, Characteristics of Rubberized Soil with Ground Granulated Blast-Furnace Slag as Binder Material, Materials Today : Proceedings, Vol. 5, Issue 2, April – 2018, pp. 8655-8661.
8.	with V.Janani, VinuthaMudengudi, Strength Development on Problematic Soil Stabilised with Calcined Clay, International Journal of Pure and Applied Mathematics, Vol. 118, No.20, March – 2018, pp. 2131-2138..
9.	with P.Tharuna, Divya Krishnan K, Efficiency of Nano- Materials used as a Soil Stabilizer, Journal of Mines, Metals & Fuels, Vol. SRM IST Special Issue Part I, Jan-2018, pp.86-89.
10.	with L.Krishnaraj, Grace Mary Abraham, Impact in Mineralogical Composition of Geopolymerization Actuation using Fly Ash as the Sole Binder, Journal of Material and Environmental Sciences, Vol.9, Issue 1, Jan- 2018, pp.10-17
11.	with Elumalai M, Divya Krishnan K, Study on Properties of Concrete Using Glass Powder as Partial Replacement for Cement, Pakistan Journal of Biotechnology, Vol. 14(3), Oct - 2017, pp.472 – 476.

12.	With Divya Krishnan K, V. K. Gandhimathi, Experimental study on Properties of Concrete using Ground Granulated Blast Furnace Slag and Copper Slag as a Partial replacement for Cement and Fine Aggregate, Rasayan Journal of Chemistry, Vol. 10 (2), April - June 2017, pp. 600 - 605.
13.	With L.Krishnaraj, R.Suba Lakshmi, Utilisation of RMC Waste with Chemical Admixtures to Manufacturing of Sustainable Building components, Rasayan Journal of Chemistry, Vol.10, No. 02, pp. 592-599, April – June 2017
14.	With L.Krishnaraj, Yeddula Bharath Simha Reddy, Madhusudhan N, Effect of Energetically Modified Fly Ash on the Durability Properties of Cement Mortar, Rasayan Journal of Chemistry, Vol.10, No. 02, pp. 423-428, April – June 2017.
15.	With Abhirami B, Divya Krishnan K, Parametric Study on Vertically Loaded Piled Raft, International Journal of Civil Engineering and Technology, Vol. 8(5), May 2017, pp. 357 – 362.
16.	With Divya Krishnan K, Microstructural Characterisation and Quantitative Enhancement in Strength Properties of Stabilised Soil, International Journal of Control Theory and Applications, Vol. 10 (12), May 2017, pp. 367 – 376.
17.	With L.Krishnaraj, Impact of Ball Milled Fly Ash Nano Particles on the Strength and Micostructural Characteristics of Cement Composite Mortars, International Journal of Control Theory and Applications, Vol.10, No.12, pp.349-356, May 2017.
18.	With L.Krishnaraj, Madhusudhan N, Experimental Study of Ultra Fine Particles in Mechanical and Durability Properties of Fly Ash Cement Composite Mortar, ARPN Journal of Engineering and Applied Sciences, Vol. 12, No.07, pp.2297-2305, April-2017.
19.	With C. Sudha, Divya Krishnan K, P.R.Kannan Rajkumar, Strength Characteristics of High Strength Concrete using M-Sand, Indian Journal of Science and Technology, Vol. 9(41), 95864, November 2016, pp.01-04.
20.	With R.Deepa, Revathi Venkatraman, M.Pushpalatha, Comparative Analysis of Sensor Placement Algorithms in Wireless Sensor Networks, ARPN Journal of Engineering and Applied Sciences, Vol. 11, No.19, pp.11619-11623, October 2016.
21.	With N. Kamaraj, V. Janani, D. Nigitha, K. Priyanka, Study on Improvement of Soil Behaviour by Bio- Stabilization Method, Indian Journal of Science and Technology, Vol. 9(33), 95979, pp. 01-05, September 2016.
22.	With Divya Krishnan K, Manisha Gunturi, C. Sudha, P.R.KannanRajkumar, Effectiveness study of RBI 8lin Stabilization of Soil, Indian Journal of Science and Technology, Vol. 9(33), 95977, September 2016, pp.01-04.
23.	With Divya Krishnan K, C. Sudha, V. Janani, Manisha Gunturi, Utilization of Phosphogypsum and Flyash in Soil Stabilization, Indian Journal of Science and Technology, Vol. 9(33), 95976, September 2016, pp.01-05.
24.	With C. Sudha, Ajesh K. Kottuppillil, Divya Krishnan K, Study on Mechanical Properties of Concrete with Manufactured Sand and Baggasse Ash, Indian Journal of Science and Technology, Vol. 9(34), 95867, September 2016, pp.01-05.
25.	With P.R. Kannan Rajkumar, J.K. Ravi, L. Krishnaraj, Investigation on the Compatibility of Cement Paste with SNF and PCE based Superplasticizers, Indian Journal of Science and Technology, Vol. 9(34), 95865, pp. 01-05, September 2016.
26.	With, Manimaran, D. Karthikeyan, Joga Jaya Prakash Reddy, Study on Strength Characteristics of Soil with Agro Waste, Indian Journal of Science and Technology,

	Vol. 9(33), 95850, pp. 01-05, September 2016
27.	With Divya Krishnan K, ManiDeepika, C.Sudha and AJesh K Kottuppillil , Study on the Behaviour of Soil with Phosphogypsum as Stabiliser, Indian Journal of Science and Technology, Vol.9(23), 95980, June 2016, pp. 01-08.
28.	With L.Krishnaraj and P.R.Kannan Rajkumar, Investigation of Effectiveness of the Top Down Nanotechnology in Mechanical Activation of High Calcium Flyash in Mortar, Indian Journal of Science and Technology, Vol.9(23), 95860, June 2016, pp. 01-08.
29.	With A.Shiva Prasad, Divya Krishnan.K, P.R.Kannan Rajkumar, Effect of Addition of Waste Tyre Crumb Rubber on Weak Soil Stabilisation, Indian Journal of Science and Technology, Vol.9(5), 87259, February 2016, pp. 01-05.
30.	With K.Francis Yakobu, C.Sudha, P.R.Kannan Rajkumar, Influence of GGBS on Rheology of Cement Paste and Concrete with SNF and PCE based Superplasticizers Indian Journal of Science and Technology, Vol.8(36), 87539, December 2015, pp. 01-07.
31.	With C.Sudha, P.R.Kannan Rajkumar, Divya Krishnan, A.Anand, Study on Mechanical Properties of High Performance Concrete using M-Sand, Indian Journal of Science and Technology, Vol.9(5), 87262, February 2016, pp. 01-6
32.	With V.Umamaheswaran, C.Sudha, P.R.Kannan Rajkumar, Use of M Sand in High Strength and High Performance Concrete, Indian Journal of Science and Technology, Vol.8(28),IPL0631, October 2015, pp. 01-08.
33.	With P.R.Kannan Rajkumar, Divya Krishnan K, C.Sudha, T.D.Vigneshwaran, Study on Use of Industrial Waste in Preparation of Green Bricks, Indian Journal of Science and Technology, Vol.9(5), 87261, February 2016, pp. 01-6
34.	With Bobby .A. Mathew, C.Sudha, P.R.Kannan Rajkumar, Investigations on Tensile properties of High Strength Steel Fibre Reinforced Concrete, Indian Journal of Science and Technology, Vol.8(28),IPL0633, October 2015, pp. 01-06.
35.	With P.R.Kannan Rajkumar, Divya Krishnan K, Aarthi Harini.T, Study on the use of Bagasse Ash Paver Blocks in Low Volume Traffic Road Pavement, Indian Journal of Science and Technology, Vol.9(5), 87256, February 2016, pp. 01-6.
36.	With Roshni. R, Divya Krishnan K, Experimental Study on Strength behaviour of Expansive treated with Phosphogypsum and Wood Ash, International Journal of Science and Research, Vol.4, Issue No.10, pp.161-164, Oct,2015
37.	With UP.Vijay, P.R.Kannan Rajkumar, Seismic Response Control of RC Structure Using Viscoelastic Dampers, Indian Journal of Science and Technology, Vol.8(28),IPL0847, October 2015, pp. 01-07.
38.	With N.Kamaraj, K.Priyanka, V.Janani, D.Sankari, "Study on Bio-stabilisation of problematic soils", The Indian Concrete Journal, Vol.89, No.7 Issue , pp.87-94, July 2015.
39.	With Divya Krishnan.K, V.Janani, R.Annadurai, Manisha Gunturi, "Effect of Phosphogypsum and flyash stabilization on the strength and micro structure of clay", The Indian Concrete Journal, Vol.89, No.7 , pp.81-86, July 2015.
40.	With Kartic Kumar. M, R.Annadurai, Ravichandran.P.T, Arumugam. K, Mapping of landslide susceptibility using analytical hierarchy process of Kothagiri taluk, Tamilnadu, India., International Journal of Applied Engineering Research, Vol.10,

	No.3, pp. 5503-5523, 2015.
41.	With L.Krisnaraj, R.Annadurai, P.R.Kannan Rajkumar, “Study on Microstructural Behaviour and Strength Characteristics of Ultra fine flyash as Secondary Cementitious Material with Portland Cement”, International Journal of ChemTech Research, Vol.7,No.2, pp.555-563,2015.
42.	With Manisha Gunturi, Divya Krishnan.K, R.Annadurai, P.R.Kannan Rajkumar, “Microlevel Analysis of RBI 81 Stabilised Expansive Soil”, International Journal of ChemTech Research, Vol.7,No.2, pp.666-672,2015.
43.	With Divya Krishnan.K, V.Janani, R.Annadurai, Manisha Gunturi, “Soil Stabilisation with Phosphogypsum and Fly ash – A Micro Level Study”, International Journal of ChemTech Research, Vol.7,No.2, pp.622-628,2015.