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Journal publications

Sl. No	Details
1.	K.S.Elango, V.Revathi (2020) Mechanical and Durability Studies on Pervious Concrete Using Different Types of Concrete', Romanian Journal of Materials , vol.50, no.2, pp.258-267
2.	M. Logesh Kumar, V. Revathi (2020) 'Microstructural Properties of Alkali-Activated Metakaoli ad Bottom Ash Geopolymer', Arabian Journal for Science and Engineering , vol. 45, pp.4235–4246.
3.	R.Gopi, V.Revathi , (2019) 'Influence of presaturated light expanded clay And fly ash aggregate in self compacting concrete', Romanian Journal of Materials , vol.49, no.3, pp.370 -378.
4.	V.C.Prabha, V.Revathi (2019) 'Geopolymer mortar incorporating high Calcium fly ash and silica fume', Archives of Civil Engineering , vol.LXV (63), No.1, pp.3-15
5.	P. Ramya, V. Revathi S. Sivamurthy Reddy (2019) 'Potential Reuse of Treated Textile Effluent in Fly Ash Concrete', ASTM Journal of Testing and evaluation , Vol.47, No.6, pg.14, Nov 2019
6.	K.S.Elango, V.Revathi (2019) 'Infiltration and clogging characteristics of pervious concrete', Asian Journal of Civil Engineering , vol.20, No.8, pp.1119-1127.
7.	V. Revathi, K. S. Elango, R. Kalaimani (2019) 'Bottom Ash Based Geopolymer Concrete Paver Blocks', International Journal of Advances in Mechanical and Civil Engineering , vol.6, no.1, pp.32-37.
8.	R.Saravanakumar, V.Revathi (2017) ' Some Durability Aspects of Ambient Cured Bottom Ash Geopolymer Concrete', Archives of Civil Engineering , vol.LXIII (63), No.3, pp.99-114.
9.	P.Hema, V.Revathi (2018) 'A Review on Geopolymer Concrete', International Journal of Latest Engineering and Management Research , vol.3, No.2, pp. 43-48.
10.	K.P. Vishalakshi , V. Revathi ,S. Sivamurthy Reddy, 'Effect of Type of Coarse Aggregate on the Strength Properties and Fracture Energy of Normal and High Strength Concrete', Engineering Fracture Mechanics , Vol. 194, pp. 52-60, May 2018
11.	M. Logesh Kumar, V. Revathi (2016) Metakaolin bottom ash blend geopolymer mortar – A feasibility study, Construction and Building Materials , 114, (July 2016) 1–5.
12.	R. Saravana Kumar and V.Revathi 'Flexural behaviour of bottom ash geopolymer reinforced concrete beams', Asian Journal of Research in Social Sciences and Humanities , Vol. 6, No. 9, pp. 820-827, Sep 2016.
13.	P. Ramya and V. Revathi 'Response of concrete made with partially treated textile effluent to acid attack and chloride attack', Asian Journal of Research in Social Sciences and Humanities , Vol. 6, No. 10, pp. 691-699, Oct 2016.
14.	P.Ramya and V.Revathi 'Influence of textile effluent on the reaction, structure and properties of fly ash concrete', Journal of Advances in Chemistry , vol.12, No.22, pp.5454-5462, Dec 2016.
15.	K.S.Elango, V.Revathi 'Fal-G Binder Pervious Concrete' Construction and Building Materials , Vol. 140, pp.91–99, June 2017.

16.	M. Logesh Kumar, and V. Revathi , "Chemical resistance of bottom ash – metakaolin blended geopolymer mortar", <i>International Journal of Advance Research in Science and Engineering</i> , vol.4, S.I (01), pp.148-154, Aug 2015.
17.	R.Gopi, V.Revathi , R.Ramya, and K.Ramesh, "Saturated light expanded clay aggregate and fly ash aggregate as internal curing agents in self compacting concrete", <i>Australian Journal of Basic and Applied Sciences</i> , vol.9, no.31, pp.226-233, Sep 2015.
18.	R.Gopi, V.Revathi , and D.Kanakaraj, "Light Expanded Clay Aggregate and Fly ash Aggregate as Self curing Agents in Self compacting Concrete", <i>Asian Journal of Civil Engineering</i> , vol.16, no.6, pp.1025-1035, Dec 2015.
19.	D.Bhuvaneswari, V.Revathi , Durability Studies on Chemically Activated High Volume Fly Ash Concrete with Crusher Sand as Fine Aggregate, <i>Int J Adv Engg Tech</i> /Vol. VII/Issue I/Jan.-March.,2016/710-715.
20.	K.S.Elango, V.Revathi , Properties of PPC Binder Pervious Concrete, <i>Int J Adv Engg Tech</i> /Vol. VII/Issue II/April-June,2016/444-448.
21.	R.Gopi, V.Revathi Self compacting self curing concrete with lightweight aggregates, <i>Grādevinar</i> 68 (May 2016) 4, 327-333
22.	M. Deepika, R.Selvaraj, V.Revathi , Synthesising Phospho Silicate Rapid Hardening High Strength Mortar, <i>International Journal of Scientific Research</i> , Vol. 5, No.5 May 2016, 126-131.
23.	V.C.Prabha, V.Revathi 'Mechanical Properties of High Calcium Fly ash Geopolymer Concrete'. <i>International Journal of Earth Science and Engineering</i> , Vol. 09, No. 03, June 2016, 21-25.
24.	V Revathi , R Saravanakumar, and J. Thaarrini, "Effect of molar ratio of $\text{SiO}_2/\text{Na}_2\text{O}$, $\text{Na}_2\text{SiO}_3/\text{NaOH}$ ratio and curing mode on the compressive strength of ground bottom ash geopolymer mortar", <i>International Journal of Earth Science and Engineering</i> , vol.7, no.4, pp.1511-1516, Aug 2014
25.	D.Bhuvaneswari, V.Revathi , and K.Thiyagu, "Effect of addition of NaOH on compressive strength of high volume fly ash concrete", <i>International Journal of Earth Science and Engineering</i> , Vol.7, No.6, pp.2614-2619, Dec 2014
26.	Tashi Choden Gurung, N. Banu Priya Amar Prakash, J. Rajasankar, V. Revathi , and M. Velumani, "Experimental study on low velocity impact behavior of cementitious Composite beams and panels", <i>Integrated Journal of Engineering Research and Technology</i> , vol.2, no. II (a), pp.156-165, Apr 2015
27.	S. Poornima Bharathi, R. Gopi, and V Revathi , "Strength and Durability Studies on Self Compacting Self Curing Concrete using Lightweight Aggregates", <i>Integrated Journal of Engineering Research and Technology</i> , vol.2, no. II (a), pp.178-185, Apr 2015.
28.	M. Logesh Kumar, V. Revathi , and J. Jeevan, "Weathering resistance of bottom ash – metakaolin blended Geopolymer mortar", <i>Integrated Journal of Engineering Research and Technology</i> , Vol.2, No. II (a), pp.186-189, Apr 2015.
29.	V.Revathi , J.Jeevan, and <i>B.I.Gautamen</i> , "Weathering resistance of bottom ash – GGBS blended geopolymer mortar", <i>International Journal of Applied Engineering Research</i> , vol.10, no.38, pp.28128-28133, Apr 2015.
30.	V. Revathi , J. Thaarrini, and M. Venkob Rao, "A prospective study on alkali activated bottom ash-GGBS blend in paver blocks", <i>International Journal of Civil, Architectural Science and Engineering</i> , vol.8, no.3, pp.290-297, March 2014.
31.	M.Kanitha, P.Ramya, V.Revathi , and S.Bhuvanya, "Potential utilization of treated/untreated textile effluent in concrete", <i>International Journal of Research in Engineering and Technology</i> , vol. 03 no: 07, pp.518-522, May 2014.
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