

DEPARTMENT OF CIVIL ENGINEERING :: VRSEC

FACULTY PUBLICATIONS FOR 2020-2021

SN o	Name of author/s	Title of paper	Name of journal	Year	Journal type	Impact factor	Electronic ISSN	Print ISSN
1	Venkat Rao B	Study on Optimization of High Rise Building with Perforated Steel Plate Shear Walls	Journal of Seybold Report, VOLUME 25 ISSUE 10 2020, 25, 10, October 2020. (Accepted)	2020	Scopus	0.1	1533-9211	
2	Dr. Prasad CH RV	Characterization of Expansive Soils treated with Lignosulfonate	International Journal of Geo-Engineering, 11:17, DOI:10.1186/s40703-020-00124-1	2020	Scopus	0.45	2198-2783	
3	Dr. Shukla SK	Consolidation and Hydraulic conductivity of High-Plastic Clay Reinforced with Waste Tire Fibres	Journal of Testing and Evaluation 49(6)1-21 ,DOI: 10.1520/JTE20200079	2020	SCI	0.877	1945-7553	0090-3973
4	Dr. Prasad CH RV	Mineralogical and morphological transformations of alkali contaminated kaolinitic soils	Materials Today – Proceedings,	2020	Scopus	0.97	22147853	
5	Dr Hanuma Kasagani	A study on the fiber distribution characteristics of hybrid fiber reinforced high strength concrete with steel and glass fibers	Materials Today – Proceedings, Volume 43, Part 2, 2021, Pages 962-969	2020	Scopus	0.97	22147853	
6	Dr Hanuma Kasagani	Assessment of fiber distribution characteristics in the hybrid fiber	Materials Today – Proceedings, 38(3)DOI: 10.1016/j.matpr.2020.0	2020	Scopus	0.97	22147853	

		reinforced concrete – An experimental study	7.556					
7	Dr. PoluRaju P	Cyclic behaviour of precast reinforced concrete sandwich slender walls	Structures 28, 80-92	2020	SCIE	1.839	23520124	
8	Mandava Kanta Rao	Evaluation of Compressive Strength of High Volume Fly ash Concretes by using Multivariate Adaptive Regression Splines	International journal of Advanced Science and Technology	2020	Scopus	0.11	22076360,	2005 4238
9	Dr. Anuja Charpe	Studies on biocementation of mortar and identification of causative bacteria	Arabian Journal for Science and Engineering, DOI: 10.1007/s13369-020-05040-1	2020	SCI	1.711	2191-4281	2193- 567X
10	Dr. PoluRaju P	Analytical Study on Seismic Performance of Bed Joint Reinforced Solid Brick Masonry Walls	Materials Today: Proceedings-Elsevier, 33(6C2) DOI: 10.1016/j.matpr.2020.03.528	2020	Scopus	0.97	22147853	
11	Dr. PoluRaju P	Experimental investigation on M50 grade concrete beams with influence of aggregate interlocking and dowel action under flexural loading	Materials Today: Proceedings-Elsevier DOI: 10.1016/j.matpr.2020.07.392	2020	Scopus	0.97	22147853	
12	Dr. Shukla SK	Ultimate bearing capacity of strip footing resting on soil bed strengthened by wraparound geosynthetic	Geotextiles and Geomembranes, Volume 48, Issue 6 Pages A1-A2, 755-988	2020	SCIE	3.4	2661144	

		reinforcement technique	(December 2020)DOI: 10.1016/j.geotexmem.2 020.06.005					
13	Dr. P Poluraju	Modified strut & tie method and truss reinforcement for shear strengthening of reinforced concrete deep beams	International Journal of Technology, 12(1) 65-77 (2021)	2021	ESCI	0.4	2087-2100	2086-9614
14	Dr. G. V. Rama Subba Rao	Strength and durability characteristics of red soil stabilized with foundry sand and cement	Arabian Journal for Science and Engineering, doi.org/10.1007/s13369-021-05423/y	2021	SCI	1.711	2191-4281	2193-567X
15	N Phanija, Rama Vara Prasad Chavali	Solidification/stabilization of copper-contaminated soil using phosphogypsum	Innovative Infrastructure Solutions (2021) 6:145 https://doi.org/10.1007/s41062-021-00497-x	2021	Scopus	0.37	2364-4184	2364-4176
16	Dr. P Poluraju	INVESTIGATION ON SEISMIC PERFORMANCE OF BED JOINT REINFORCED SOLID BRICK MASONRY WALLS	Oxidation Communications 43, No 4, 839–849 (2020)	2020	SCI	0.22	2094541	
17	Dr. PoluRaju P	Analytical Study On Seismic Performance of Bed Joint Reinforced Concrete Shear walls	Journal of Critical review doi: 10.31838/jcr.07.19.346	2020	others	1.091	2394-5125	
18	G. Phani Ram	Background of double tee construction and need for standardised precast	Turkish Journal of Computer and Mathematics	2021	Scopus	0.22	13094653	

		double tee for Indian Building Industry	Education Vol.12 No. 11 (2021), 2978- 2989					
19	Hanuma Kasagani	Mechanical behaviour of triple-blended hybrid fiber- reinforced concrete: an experimental and numerical study	Innovative Infrastructure Solutions (2021) 6:154 https://doi.org/10.1007/s41062-021-00526-9	2021	Scopus	0.4	2364-4184	2364-4176
20	Dr. Shukla SK	TIME-HISTORY ANALYSIS OF SOIL SLOPE SUBJECTED TO SEISMIC LOADINGS	Soil Mechanics and Foundation Engineering, Vol. 58, No. 2, May, 2021 (Russian Original No. 2, March-April, 2021)	2021	SCI	0.5	1573-9279	
21	T.Sujatha, Manaswini Mulpuri, V. Sri Naga Sirisha	Mechanical properties of Recycled aggregate concrete with Portland slag cement	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 9, Pp 34-40	2020	UGC (Paid)	7.95	2349-5162	
22	M. Tej Sai, C.H. Mohana Sai	Ground Granulated Blast-Furnace slag as a cement replacing material in concrete- A Review	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 9, Pp 789 - 791	Sep-20	UGC (Paid)	7.95	2349-5162	
23	P. Krishna Prasanna, Khwaja Moinuddin Khan	Comparative Analysis of Unburied and Buried Pipeline Structure in Seismic Zone Using CAESAR II	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 9, Pp 674 - 679	2020	UGC (Paid)	7.95	2349-5162	

24	M.Yatendra, Ch. Ravi Teja,	Failure of Aluminum Honeycomb Sandwich Panels	International Journal Research in Applied Engineering, Science and Technology (IJRAEST), Vol-2, Issue-3, 2020 ISSN: 2582-029X, pp – 21-32	2020	others	4.537	2582-029X	
25	G.Nipun, K sathish	Comparative Study of Shear Wall in High Raised Multi Storied R.C.C Building	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 04 Issue: 09 Sept -2020 ISSN: 2582-3930	2020	others		2582-3930	
26	M Kanta Rao, S. Venkata Ranganadh	Comparative study on Seismic performance of multi storied building with and without shear wall	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 9, Pp 51 -52	2020	UGC (Paid)	7.95	2349-5162	
27	B. Venkat Rao, Subrahmanyeswara Rao, Mallika Alapati, G.K. Viswanath	Study on optimization of high rise building with perforated steel plate shear wall	International Conference on Innovative Trends in Civil Engineering for sustainable development (ITCSD-2019), Proceedings pp 42-43	2020	others			
28	T. S. Rambabu, Kudaravalli Sita Rama Prasad	Evaluation of soil characteristics of compacted soil using ultra sonic pulse velocity	Journal of Green Engineering	2020	Scopus		19044720, 22454586	

29	Podili truemam venkata srikanth, Haroon Ali Khan	Effective location of shear wall of varying thickness for a multistorey building under seismic loading	International Journal of research in Engineering and science	2021	others		2320-9364	2320-9356
30	Raja Veerendra Yenigalla , Satish Sajja	Case Studies on Condition Assessment and Repairs for Fire Damaged Reinforced Cement Concrete Structures	IOP Conference Series: Materials Science and Engineering	2021	WOS (others)	0.5	1757-899X	1757-8981
31	Smt. N. Malathi Dr. V. Mallikarjuna	STRENGTHENING OF FLEXIBLE PAVEMENT BY ADDING RECRON FIBRE	IOP Conference Series: Materials Science and Engineering, Industry 4.0 Technologies in Civil and Mechanical Engineering (ICI4TCME 2020), doi:10.1088/1757-899X/1112/1/012021	2021	WOS (others)		1757-899X	
32	Dr. V. Mallikarjuna Smt. N. Malathi	COMPARATIVE STUDY ON ASPHALT MIXTURE WITH NANO MATERIALS AND POLYMER	IOP Conference Series: Materials Science and Engineering, Industry 4.0 Technologies in Civil and Mechanical Engineering (ICI4TCME 2020),1112 (2021) 012019, doi:10.1088/1757-899X/1112/1/012019	2021	WOS (others)	0.5	1757-899X	
33	Y Raja Veerendra	Effect of epoxy resins on CBR improvement of soft clayey sub grade mixed with coconut coir fibers	IOP Conference Series: Materials Science and Engineering, Industry 4.0 Technologies in Civil and Mechanical	2021	WOS (others)	0.5	1757-899X	

			Engineering (ICI4TCME 2020), 1112 (2021) 012020, doi:10.1088/1757-899X/1112/1/012020					
34	Ch. Ravi Teja	Mechanical Properties of Partial Replacement of Cement with sugarcane baggase ash	IOP Conference Series: Materials Science and Engineering, Industry 4.0 Technologies in Civil and Mechanical Engineering (ICI4TCME 2020),	2021	WOS (others)	0.5	1757-899X	
35	Lakshmi Keshav , V. Sai Teja	Performance analysis on synthesized reinforced carbon steel for structural applications	Materials Today: Proceedings ,doi.org/10.1016/j.matpr.2020.08.001,Volume 33, Part 7, 2020, Pages 4498-4500	2020	Scopus	0.97	2214-7853	
36	Lakshmi Keshav*, Ponraj Sankar	Evaluation of Seismic Vulnerability and Retrofitting of Existing Steel Buildings	PENSEE- Int Journal, VOLUME 51 , ISSUE 2 2021,pp 1099-1116	Feb-21	Scopus	6	ISSN: 0031-4773	
37	Lakshmi Keshav, V. Ramesh and M. Raghava Prasad, VRSEC	Simplified computer-Aided Hydraulic design of clariflocculator of water treatment plant	Ecology Environment & Conservation 27 : 2021; pp. (S245-S252) Copyright@ EM International ISSN 0971-765X	Feb-21	Scopus	0.45	ISSN 0971-765X	
38	Lakshmi Keshav*, Kanta Rao.M, Sk.Khaja Sameer, VRSEC	Evaluation of Seismic Vulnerability and Retrofitting of Existing Reinforced Concrete Buildings	PENSEE- Int Journal,Volume 51 Issue 3 pp:1388-1407	Mar-21	Scopus	6	ISSN: 0031-4773	

39	Haroon Ali Khan	An experimental study on heave and uplift behaviour of granular pile anchor foundation system	International Conference on Contemporary and Sustainable Infrastructure (ICCSI-2021) Scopus and Web of Science (CPCI) indexed IOP Conference Series: Earth and Environmental Science (EES), Bengaluru, Karanataka, India	21st to 22nd May 2021	Scopus and Web of Science (CPCI) indexed IOP Conference Series: Earth and Environmental Science (EES)	ISSN: 1755-1315	1755-1307
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