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DEPARTMENT OF CIVIL ENGINEERING

FACULTY PUBLICATIONS

2022-23

S.No	Author Name	Title of the Paper	Publisher Name	ISBN/ISSN No/ Volume, Issue No	DOI No.	Indexing
1	Adusumalli Manikanta	Evaluation of Concrete with Glass and Coconut Shell in Place of Coarse Aggregate and Partially Replaced Cement	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-10, Issue-5, September 2022	https://doi.org/10.55524/ijircst.2022.10.5.21	ICI, Google Scholar
	T. Udaya Durga					
2	P. Ravi kumar	Validation and Profile Modification of a Spur Gear to Improve the Gear Tooth Strengths	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-10, Issue-4, July 2022	https://doi.org/10.55524/ijircst.2022.10.4.27	ICI, Google Scholar
	G.Ezri babu					
3	S. Anka Rao	Explorations into the Expanded Clay Aggregate Concrete Bricks Strength Properties	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN: 2350-0557, Volume-9, Issue-6, December 2022	https://doi.org/10.55524/ijirem.2022.9.6.9	ICI, Google Scholar
	N. Priyanka					
4	Ch. Sandeep Reddy	Possibility of Egg Shell Powder as Replacement in Soil Stabilization	International Journal of Innovative Research in Engineering & Management (IJIREM)	Volume: 9, Issue-5, October-2022	10.55524/ijirem.2022.9.5.30	ICI, Google Scholar
	SVN Anil Vamsi					
5	Ganesh Naidu Gopu	The influence of fiber RC beams under flexure on the chloride-induced corrosion	Case Studies in Construction Materials	Volume 17, December 2022, e01566	https://doi.org/10.1016/j.cscm.2022.e01566	Scopus, SCI

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6	Ganesh Naidu Gopu	corrosion-induced bond behaviour of steel, e-glass, and e-waste copper wire fiber reinforced concrete	Revista Română de Materiale / Romanian Journal of Materials 2022	Volume: 52, Issue-4,	https://solacolu.chim.upb.ro/p_g404-411.pdf	Scopus, SCI
7	G. Ganesh Naidu	Study of strength related resources of hybrid fiber reinforced concrete (HFRC) and energy absorption capacity (EAC)	Materials Today: Proceedings	Volume 72, Part 6, 2023, Pages 2933-2938	https://doi.org/10.1016/j.matpr.2022.08.046	Scopus
8	G. Ganesh Naidu	Study of microstructural analysis (MSA) on properties related to strength and its characteristics on bacterial concrete	Materials Today: Proceedings	Volume 72, Part 6, 2023, Pages 2880-2885	https://doi.org/10.1016/j.matpr.2022.07.369	Scopus
9	M. Sri Durga Vara Prasad	Study of Micro structural behaviour (MSB) in geopolymer concrete (GPC) and material properties by using waste materials	Materials Today: Proceedings	Volume 72, Part 6, 2023, Pages 2875-2879	https://doi.org/10.1016/j.matpr.2022.07.366	Scopus
10	A Srujan Kumar	Investigation study of enhance the strength by using hybrid nano-composites on conventional cement concrete	Materials Today: Proceedings	Volume 72, Part 6, 2023, Pages 2939-2945	https://doi.org/10.1016/j.matpr.2022.08.051	Scopus
11	P. Ravi Kumar	Partial Replacement of Stone Dust as Fine Aggregate in Concrete	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN: 2350-0557, Volume-9, Issue-4, August 2022	https://doi.org/10.55524/ijirem.2022.9.4.25	ICI, Google Scholar
12	E. Mani	Study on Beam-Columns joints with Self Compacting Concrete	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN: 2350-0557, Volume-9, Issue-4, August 2022	https://doi.org/10.55524/ijirem.2022.9.4.24	ICI, Google Scholar
13	SVN Anil Vamsi	Behaviour of Flexible Pavements by the Addition of Plastic Waste	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN: 2350-0557, Volume-9, Issue-4, August 2022	https://doi.org/10.55524/ijirem.2022.9.4.23	ICI, Google Scholar

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14	G. Bathireddy	Experiment and Analytical Investigation of Short Columns with GFRP Bars	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-10, Issue-5, September 2022	https://doi.org/10.55524/ijircst.2022.10.5.24	ICI, Google Scholar
	Adusumalli Manikanta					
15	Adusumalli Manikanta	Soil Stabilization Using Crumb Rubber Powder	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-10, Issue-5, September 2022	https://doi.org/10.55524/ijircst.2022.10.5.25	ICI, Google Scholar
	Birudula Nageswara Rao					
16	K. Edukondalu	Use of Waste Plastic Materials in Flexible Pavements	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-10, Issue-5, September 2022	https://doi.org/10.55524/ijircst.2022.10.5.26	ICI, Google Scholar
	Adusumalli Manikanta					
17	S. Anka Rao	Behaviour of Concrete by Partial Replacement of Coarse Aggregate with Recycled Plastic Granules	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-10, Issue-6, November 2022	https://doi.org/10.55524/ijircst.2022.10.6.25	ICI, Google Scholar
18	Dr.L. Rama prasad Reddy	A Study on Strength Characteristics of Concrete by Addition of Balast Fiber	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-10, Issue-6, November 2022	https://doi.org/10.55524/ijircst.2022.10.6.26	ICI, Google Scholar
19	k. Rambabu	The Design of Traffic Signals at Intersection	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN(online): 2350-0557, Volume-9, Issue-6, December 2022	https://doi.org/10.55524/ijirem.2022.9.6.24	ICI, Google Scholar
	M. Kranthi Kumar					
20	Ch. Dinesh Chandra	Effect on Workability and Compressive Strength of M40 Grade of Concrete by Partial Replacement of Cement by Nano Tio2	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN(online): 2350-0557, Volume-9, Issue-6, December 2022	https://doi.org/10.55524/ijirem.2022.9.6.23	ICI, Google Scholar
	K.Manoj Kumar					
21	A. Srujan Kumar	Development of New Composites Using Industrial by Products	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN(online): 2350-0557, Volume-9, Issue-6, December 2022	https://doi.org/10.55524/ijirem.2022.9.6.22	ICI, Google Scholar

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22	M. Venkata Naga Siva Sankar Reddy	Experimental Study on Potential Use of Recycled Aggregates in Concrete	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-11, Issue-1 January 2023	https://doi.org/10.55524/ijircst.2023.11.1.15	ICI, Google Scholar
	K. Manoj Kumar					
23	S. Reddemma	Removal of Turbidity by Using Moringa Oliefera	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-11, Issue-1 January 2023	https://doi.org/10.55524/ijircst.2023.11.1.16	ICI, Google Scholar
24	S. Anka Rao	Design and Compative Study of Overhead Tank Subjected to Seismic Forces in Different Zones	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-11, Issue-1 January 2023	https://doi.org/10.55524/ijircst.2023.11.1.17	ICI, Google Scholar
25	K. Sumanth Kumar	Comparative Study of the Strength Properties of the Concrete with Partial Replacement of the Coarse Aggregate with Pumice and Over Burnt Bricks	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN: 2350-0557, Volume-10, Issue-1, February2023	https://doi.org/10.55524/ijirem.2023.10.1.25	ICI, Google Scholar
	Manoj Kumar					
26	Dr. Karthik	Experimental Study on Production of Biogas from Kitchen Waste	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN: 2350-0557, Volume-10, Issue-1, February2023	https://doi.org/10.55524/ijirem.2023.10.1.24	ICI, Google Scholar
	S. Reddemma					
27	N. Srikanth	Removal of Fluorides Using a Low Cost Adsorbent	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN: 2350-0557, Volume-10, Issue-1, February2023	https://doi.org/10.55524/ijirem.2023.10.1.23	ICI, Google Scholar
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28	E. Mani	Self- Compacting Concrete Using GBPS with Addition of Steel Fibers on M30 Grade of Concrete	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-11, Issue-2 March 2023	https://doi.org/10.55524/ijircst.2023.11.2.12	ICI, Google Scholar
29	Dr. Sivasubramanian	Effect of Acid Treated Recycled Aggregate On Properties of Concrete	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-11, Issue-2 March 2023	https://doi.org/10.55524/ijircst.2023.11.2.13	ICI, Google Scholar

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30	Dr.G. MadhavaRao	Evaluating the Performance of Acid-Treated (Hcl-Hno3) Recycled Aggregates in Enviromentally Friendly Concrete	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN: 2350-0557, Volume-10, Issue-2, April 2023	https://doi.org/10.55524/ijirem.2023.10.2.18	ICI, Google Scholar
31	Dr. K. Harish	A Study on Stabilization of Soils by Using Egg Shell Powder	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN: 2350-0557, Volume-10, Issue-2, April 2023	https://doi.org/10.55524/ijirem.2023.10.2.17	ICI, Google Scholar
	Ch. Sandeep Reddy					
32	Dr. Thirumalai Raja	Performance of Geopolymer Concrete With Combined Use of Sodium Hydroxide and Potassium Hydroxide	International Journal of Innovative Research in Engineering & Management (IJIREM)	ISSN: 2350-0557, Volume-10, Issue-2, April 2023	https://doi.org/10.55524/ijirem.2023.10.2.16	ICI, Google Scholar
	Ch. Sandeep Reddy					
33	G. Ezri babu	Analyzing the Performance of Environmental Friendly Concrete That Contains Acid-Treated(H2SO4, H3PO4,) Recycled Aggregate	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-11, Issue-3 May 2023	https://doi.org/10.55524/ijircst.2023.11.3.13	ICI, Google Scholar
34	Dr. A. Ranganathan	Analysis of Bituminous Concrete Mixes using H.D.P.E & Crumb Rubber as Admixtures	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-11, Issue-3 May 2023	https://doi.org/10.55524/ijircst.2023.11.3.14	ICI, Google Scholar
	M. Kranthi Kumar					
35	M. Kranthi Kumar	Design , Construction and performance of Porous and Rubbrised asphalt Pavement	International Journal of Innovative Research in Computer Science & Technology (IJIRCST)	ISSN: 2347-5552, Volume-11, Issue-3 May 2023	https://doi.org/10.55524/ijircst.2023.11.3.15	ICI, Google Scholar