



**KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL**  
(An Autonomous Institute under Kakatiya University, Warangal)

DEPARTMENT OF CIVIL ENGINEERING

**List of Faculty Publications (2019-2020)**

S.No	Name of the Faculty	Title with page nos.	Name of the Journal	Impact Factor	ISSN / ISBN No.	No. of Co-authors	Whether SCI / SCIE / ESCI/Scopus /WoS/UGC	DOI
1	Dr. L. Sudheer Reddy	A Quantitative Approach to Prioritize Sustainable Concrete, pp:2579-2586	Civil Engineering Journal	0.56	ISSN: 2476-3055	2	WoS/ Scopus	Civil Engineering Journal (civilejournal.org)
2	Dr. L. Sudheer Reddy	Experimental Research on Behaviour of Geopolymer mortar in compression	Journal of Xidian University	0.42	1001-2400	2	UGC	<a href="https://doi.org/10.37896/jxu14.5/439">10.37896/jxu14.5/439</a>
3	Dr. M. Andral	"No Cement Concrete: A Green solution to sustainable construction", Volume 4, Issue 6	International Journal of Technical innovation in Modern Engineering & science (IJTIMES)	5.2	ISSN:2455-2585		UGC	

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4	Dr. M. Andal	An experimental Investigation on Repair Performance of damaged RC beam with Ferrocement Wrapping	10 <sup>th</sup> International Conference on Structural Engineering and Construction Management			1	International Conference	
5	Dr. M. Srikanth	Experimental investigation of High Strength Concrete with Alccofine of M65 grade concrete, Volume 5, Special Issue 6, June-2019	International Journal of Technical innovation in modern Engineering and science (IJTIMES)	5.22	2455-2585	1	UGC	<a href="http://www.ijtimes.com/">http://www.ijtimes.com/</a>
6	Dr. M. Srikanth	Experimental study of plain concrete and Basalt Fiber Reinforced Concrete, Volume 5, Special Issue 6, June-2019	IJTIMES	5.22	2455-2585	1	UGC	<a href="http://www.ijtimes.com/">http://www.ijtimes.com/</a>

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7	Dr. M. Srikanth	Performance studies on waste glass powder in self compacting concrete Volume 5, Special Issue 6, June-2019	International Journal of Technical innovation in modern Engineering and science (IJTIMES)	5.22	2455-2586	3	UGC	<a href="http://www.ijtimes.com/">http://www.ijtimes.com/</a>
8	Dr. D. Hari Krishna	Mechanical and Durability studies on Blended Pozzolonic concretes with fly ash and Recycled aggregates Volume 27, Part 2, 2020, Pages 1522-1529	Elsevier -Materials Today Proceedings	0.97	ISSN 2214-7853	main author , 2 co-authors	Scopus	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a>
9	Dr. S. Sunil Pratap Reddy	A Quantitative Approach to Prioritize Sustainable Concrete, pp:2579-2586	Civil Engineering Journal	0.56	ISSN: 2476-3055	2	WoS/ Scopus	<a href="http://CivilEngineeringJournal.org">Civil Engineering Journal (civilejournal.org)</a>

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10	Sri. N. Srikanth	"Experimental Investigation on Fresh and Hardened Properties of Self Compacting Concrete with Recycled Coarse Aggregate", 1-10	IJTIMES	5.22	e- ISSN:2455-2585,	2	UGC	
11	Sri. N. Srikanth	"Experimental Investigation On Behaviour Of Polypropylene Fiber Reinforced Concrete With Modified Structured Water", pp 1-9,	IJTIMES	5.22	e- ISSN:2455-2585	2	UGC	
12	Sri. N. Srikanth	"Impact Test On Recycled Coarse Aggregate Based Selfcompacting Concrete", pp 1-5,	IJTIMES	5.22	e- ISSN:2455-2586	2	UGC	
13	Sri. N. Srikanth	"Comparision Of Is Code Method And Nan-Su Method Of Mix Design For Scc", pp 1-7,	IJTIMES	5.22	e- ISSN:2455-2587	2	UGC	

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14	Sri. N. Srikanth	"Behaviour Of Different Grades Of Fresh & Hardened Magnetic Water Concrete Cast With Water Subjected Varying Magnetic Field Strengths For Different Exposure Times",pp 1-7,	IJTIMES	5.22	e- ISSN:2455-2588	2	UGC	
15	Sri. K. Srujan Varma	Behaviour of multi layered Hybrid Fibrous Ferrocement, PP 187-196	Advanced Light-weight Materials and Structures	1.5	ISSN 2662-3161 ISSN 2662-317X ELECTRONIC, ISBN:978-981-15-7826-7	3	Scopus	<a href="https://www.springer.com/gp/book/9789811578267">https://www.springer.com/gp/book/9789811578267</a>
16	Sri. K. Srujan Varma	Effect of Magnetic Field Treated Water on Performance of Different Grades of Concrete	4th International Conference on Construction, Real Estate, Infrastructure and Project Management (ICCRIP)			3	Conference Proceedings	conference@nicmar.ac.in Website: www.nicmar.ac.in

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17	Sri. K. Srujan Varma	Effect of Magnetic Field Treated Water on Performance of Different Grades of Concrete” pp195-204.	Construction Materials, Equipment and Technology, NICMAR Pune	-	ISSN 0970-3675	02	UGC	<a href="http://www.nicmar.com/iccr ip2018">http://www.nicmar.com/iccr ip2018</a>
18	Sri. A. Bhaskar	A comparative study on concrete upon replacement of fine aggregate by using Quartz Sand	NICEST		978-93-88808-48-4		National Conference	
19	Dr. A. Suchith Reddy	Preference-based Multi-criteria framework for developing a Sustainable Material Performance Index (SMPI)	International Journal of Sustainable Engineering				ESCI	

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20	Dr. A. Suchith Reddy	Evaluation of Sustainable Performance Indicators for the Built Environment using AHP approach	Journal of The Institution of Engineers (India)-Series A				Scopus	
21	Dr. A. Suchith Reddy	Developing Entropy-based Fuzzy TOPSIS Framework for Selection of a Sustainable Building Material	International Journal of Construction Management				ESCI	
22	Dr. A. Suchith Reddy	Developing a Material Sustainable Performance Score (MSPS) to select an alternative Cementitious Material	Cement WapnoBeton				SCI	

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23	Dr. A. Suchith Reddy	A Quantitative Approach to Prioritize Sustainable Concrete	Civil Engineering Journal				ESCI	
24	Dr. A. Suchith Reddy	A Qualitative and Quantitative approach to prioritize Sustainable Concrete using TOPSIS	Advances in Sustainable Construction Materials				Book Chapter	
25	Dr. A. Suchith Reddy	Prioritizing the aggregate source bases on Particle Packing Density using Modified Toufar Model and MCDM methods	Advances in Sustainable Construction Materials				Book Chapter	



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26	Dr. A. Suchith Reddy	A framework to select fine aggregate alternative using MCDM Methods	Advances in Sustainable Construction Materials				Book Chapter	
27	Dr. A. Suchith Reddy	Evaluation of Sustainable material through Life Cycle Assessment using PSI method	Advances in Sustainable Construction Materials				Book Chapter	
28	Dr. A. Suchith Reddy	Quantitative assessment of sustainable performance criteria for Developing a Sustainable Building Assessment Tool (SBAT)	American Society of Civil Engineers (ASCE) Library				Book Chapter	

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29	Dr. A. Suchith Reddy	A Fuzzy AHP model to evaluate the interrelationship between sustainable indicators and criteria-Case of India	ITCSD, NITW				International Conference	
30	Mrs. K. Santosh Bhargavi	Flexure and cracking behavior of RC beams by partial replacement of cement with GGBS, Volume 5, Issue 6. May 2019	IJTIMES	5.22	2455-2585		UGC	
31	Dr. B. Sumanth Kumar	An experimental investigation on shear strength of monolithic geopolymer concrete interface (pp 426 - 433)	Journal of Structural Engineering	0.14	0970-0137	1	Scopus	<a href="https://www.serc.res.in/jose">https://www.serc.res.in/jose</a>

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32	Dr. B. Sumanth Kumar	Shear Strength of Fly Ash and GGBS Based Geopolymer Concrete (pp-105 - 117)	Lecture Notes in Civil Engineering	0.28	2366-2557	2	Scopus / Book Chapter	<a href="https://doi.org/10.1007/978-981-15-3361-7_8">https://doi.org/10.1007/978-981-15-3361-7_8</a>
33	Dr. B. Sumanth Kumar	Behaviour of fly ash and GGBS based reinforced geopolymer corbels pp.229	Second ASCE India Conference, on CRSIDE-2020	-	-	2	Conference Proceedings	
34	Dr. B. Sumanth Kumar	Shear Strength of Monolithic Geopolymer Concrete by ACI 318 pp. 3 - 4	International Conference on Innovative Trends in Civil Engineering for Sustainable Development (ITCSD-2019), NIT Warangal	-	978-93-89354-46-1	1	Conference Proceedings	

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35	Dr. B. Sumanth Kumar	An Appraisal on Shear Strength of Concrete for Different Codes. pp. 144 - 145	International Conference on Innovative Trends in Civil Engineering for Sustainable Development (ITCSD-2019), NIT Warangal	-	978-93-89354-46-1	1	Conference Proceedings	
36	Dr. P. Shirisha	Real-Time Flow Forecasting in a Watershed using Rainfall Forecasting Model and Updating Model ,(2019), 33:4799-4820	Water Resources Management	3.4	1573-1650/0920-4741	2	ESCI	
37	Dr. D. Abhigna	Multi Vehicle-Type Right Turning Gap-Acceptance and Capacity Analysis at Uncontrolled Urban Intersections, 99-108	PeriodicaPolytechnica Transportation Engineering	1.08	<a href="https://doi.org/10.15187/1573-1650.4741">0303-7800</a>	3	Scopus	<a href="https://pp.bme.hu/tr/issue/view/1085">https://pp.bme.hu/tr/issue/view/1085</a>

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38	Mrs. Sree Laxmi Pavani	Land use land cover change detection through QGIS and Remote Sensing techniques: A case study on Warangal Urban district, Telangana, India	International Journal of Technical Innovation in Modern Engineering and Science (IJTIMES)		ISSN: 2455-2585	1	UGC	<a href="http://www.ijtimes.com/papers/special_papers/S_PACE37.pdf">http://www.ijtimes.com/papers/special_papers/S_PACE37.pdf</a>
39	Sri. P. Teja Abhilash	Study On Impact Of Terrazyme Stabilised Soil On California Bearing Ratio	International Journal of Technical Innovation in Modern Engineering & Science	5.22	2455-2585	2	UGC	<a href="http://www.ijtimes.com/">http://www.ijtimes.com/</a>
40	Sri. P. Teja Abhilash	Effect of Bond Strength with Polluted And Non Polluted Rebar Using Hypo Sludge	International Journal of Technical Innovation in Modern Engineering & Science	5.22	2455-2585	2	UGC	<a href="http://www.ijtimes.com/">http://www.ijtimes.com/</a>

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41	Sri. P. Teja Abhilash	Experimental Study On Behaviour of Rigid pavement using Sodium bentonite by roller compaction method	IJTIMES					
42	Mrs. B. Sravanthi	Assesment to Increase the Mechanical Properties of used Ballast by EDTA Solution as a Construction Material	International Journal Of Recent Technology And Engineering		2277-3878	5	UGC	DOI:10.35940/ijrte.E4849.018520
43	Dr. N. Gangadhar a Reddy	Effects of Biochar on the Compression and Swelling Characteristics of Clayey Soils. 6(2), 22 (p.8)	International Journal of Geosynthetics and Ground Engineering, Springer	0.61	2199-9279	5	Scopus	<a href="https://doi.org/10.1007/s40891-020-00206-1">https://doi.org/10.1007/s40891-020-00206-1</a>

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44	Dr. N. Gangadhar a Reddy	Application of Biopolymers for Improving Strength Characteristics of Red Mud Waste	Environmental Geotechnics, ICE Publishing.	1.62	2051-803X	3	SCI	<a href="https://doi.org/10.1680/jenge.19.00018">https://doi.org/10.1680/jenge.19.00018</a>
45	Dr. N. Gangadhar a Reddy	A Study on Evaluating the Usefulness and Applicability of Additives for Neutralizing Extremely Alkaline Red Mud Waste, Vol 89, pp. 139-149	Lecture Notes in Civil Engineering		978-3-030-51350-4	4	Scopus	<a href="https://doi.org/10.1007/978-3-030-51350-4_16">https://doi.org/10.1007/978-3-030-51350-4_16</a>
46	Sri K V Ramana	Numerical Study on Bolted Moment End Plate Connection Joining Hollow Tubular Sections	International Conference on Innovative Trends in Civil Engineering for Sustainable Development (ITCSD - 2019)				Conference	

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47	Sri K V Ramana	Theoretical approach to the moment capacities of beam-beam splice connection for SHTS	Journal of Constructional Steel Research 160 (2019) 332-339			2	Scopus	

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