



Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

Department of Civil Engineering

YEAR 2021

Year	Number of Journal Publications			Number of Conference Proceedings	
	SCI	SCOPUS	ESCI/UGC	SCOPUS	ESCI/UGC
2021	0	3	-	96	=

Faculty Authors	Number of Journal Publications			Number of Conference Proceedings	
	SCI	SCOPUS	ESCI/UGC	SCOPUS	UGC
Dr K Srikanth			1	10	
Dr C Lavanya		2		2	
Dr. V.Srinivasa Reddy				19	
Dr. G.V.V. Satyanarayana				16	
Dr. T.Srinivas				14	
Dr Atul Manchalwar				10	
Mrs. K.Hemalatha				6	
Mr C Vivek Kumar				6	
Dr V. Mallikarjun Reddy				5	
Mr. Y.Kamala Raju				5	
Mr A Prakash				5	
Mr P V V S S R Krishna				4	
Mr S. Venkatacharyulu				4	
Mr Siva Prasad Raju V				4	
Dr. Mohammed Hussain				3	
Mr V Naresh Kumar Varma				3	
Mrs. I Chandana				2	
Mrs. G Swetha				2	
Mr Rathod Ravinder				1	
Mrs Manisha Gunturi				1	
Mr A Ramesh				1	
Mr Veera Babu				1	
Ms. T. Jahnvi				1	
Mr T Srikanth				1	
Mr Vanadeep				1	
Mr Vittaliah				1	

SCI JOURNALS

1. Nil

SCOPUS/ESCI JOURNALS

1. Koniki, Srikanth, et al. "Mechanical behavior of triple-blended hybrid fiber-reinforced concrete: an experimental and numerical study." *Innovative Infrastructure Solutions* 6.3 (2021): 1-14.
2. C. Lavanya and Nandyala Darga Kumar, "Study on CBR of Lime and Cement Stabilized Copper Slag Cushion Laid Over Expansive Soil", Proceedings of the Indian Geotechnical Conference 2019, Lecture Notes in Civil Engineering 137, pp 129-139 (2021)https://doi.org/10.1007/978-981-33-6466-0_12
3. Nandyala Darga Kumar and C. Lavanya, "A Geotechnical Study on Breached Summer Storage Tank", Proceedings of the Indian Geotechnical Conference 2019, Lecture Notes in Civil Engineering 134, https://doi.org/10.1007/978-981-33-6370-0_42, pp. 471-482 (2021)

SCOPUS INDEXED CONFERENCE PROCEEDINGS

4. Ramesh, Vemundla, and Koniki Srikanth. "Comparison of mechanical properties of flyash-GGBS based GPC and flyash-alccofine based GPC with different concentrations of alkaline activators." *IOP Conference Series: Materials Science and Engineering*. Vol. 1116. No. 1. IOP Publishing, 2021.
5. Reddy, V. Srinivasa, et al. "Behaviour of bacterial concrete subjected to elevated temperatures of various exposure times." *IOP Conference Series: Materials Science and Engineering*. Vol. 1091. No. 1. IOP Publishing, 2021.
6. Reddy, V. Mallikarjuna, S. Hamsalekha, and V. Srinivasa Reddy. "An IoT enabled real-time monitoring system for automatic curing and early age strength monitoring of concrete." *AIP Conference Proceedings*. Vol. 2358. No. 1. AIP Publishing LLC, 2021.
7. Reddy, V. Srinivasa, et al. "Assessment of efficiency of corrosion inhibitors in mitigating corrosion of rebars in concrete." *AIP Conference Proceedings*. Vol. 2358. No. 1. AIP Publishing LLC, 2021. 'Impact of Baseshear on Various Soils in High Story Multi Story Residential Building', Sai. G. Arun, Y. Kamala Raju, and G. V. V. Satyanarayana. *AIP Conference Proceedings*. Vol. 2358. No. 1. AIP Publishing LLC, 2021.
8. Foam Concrete for Low Load Bearing Structures and Its Properties', Satyanarayana, G. V. V., and P. Gayathri." *AIP Conference Proceedings*. Vol. 2358. No. 1. AIP Publishing LLC, 2021.
9. Experimental Investigation on Mechanical Properties of M20 and M40 Grade Concrete with Partial Replacement of M Sand and Crumb Rubber as Fine Aggregate and Fly Ash for Cement', Varma, M. Sri Harsha, G. V. V. Satyanarayana, and P. Shanthi Raj *AIP Conference Proceedings*. Vol. 2358. No. 1. AIP Publishing LLC, 2021.
10. Experimental Study on Foam Concrete with Polypropylene Fibers and Nylon Fibers', Mahesh, G., and G. V. V. Satyanarayana. *AIP Conference Proceedings*. Vol. 2358. No. 1. AIP Publishing LLC, 2021.

11. Effectiveness on mechanical properties of m60 grade scc with partial replacement of cement by different mineral admixture like ggbs, lime powder and metakaolin at various percentages', Satyanarayana, G. V. V. *IOP Conference Series: Materials Science and Engineering*. Vol. 1091. No. 1. IOP Publishing, 2021.
12. 'Investigation On Alkali Activated Fly Ash And Slag Concrete Using Neutral Grade Water Glass As Activator', G.V.V.Satyanarayana and Kaparaboina Greeshma, E3S Web of Conferences 309, 01195 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901195>
13. Vivek, Kumar C., et al. "Performance Evaluation of Durability and Flexural behaviour of Self Compacting Concrete blended with Alccofine." *IOP Conference Series: Materials Science and Engineering*. Vol. 1126. No. 1. IOP Publishing, 2021.
14. Kumar, C. Vivek, Mohammed Aiman Parvez, and T. Srinivas. "Evaluation of optimum dosage in blended self curing concrete on the impact of supplementary cementitious materials (scm's) and durability studies on different proportions." *IOP Conference Series: Materials Science and Engineering*. Vol. 1091. No. 1. IOP Publishing, 2021.
15. Kumar, C. Vivek, et al. "Studies on strength parameters of blended self cured concrete with natural and manufactured sand on the impact of fly ash and ground granulated blast furnace slag." *IOP Conference Series: Materials Science and Engineering*. Vol. 1091. No. 1. IOP Publishing, 2021.
16. Kumar, C. Vivek, et al. "Studies on strength behaviour of green self cured concrete with ecosand with impact of fly ash and ground granulated blast furnace slag." *IOP Conference Series: Materials Science and Engineering*. Vol. 1091. No. 1. IOP Publishing, 2021.
17. Sai, G. Arun, Y. Kamala Raju, and G. V. V. Satyanarayana. "Impact of baseshear on various soils in high rise multi storied residential building." *AIP Conference Proceedings*. Vol. 2358. No. 1. AIP Publishing LLC, 2021.
18. Krishna, P. V. V. S. S. R., G. Swetha, and Chandana Sukesh. "Soil strength enhancement by adding of fly ash." *IOP Conference Series: Materials Science and Engineering*. Vol. 1091. No. 1. IOP Publishing, 2021.
19. Cotipalli, Vanadeep, T. Srinivas, and Vegiraju Naresh Kumar Varma. "Study on storey shear and base shear for irregular G+ 3, G+ 6 structures in seismic zones II and III erected on all three soils." *AIP Conference Proceedings*. Vol. 2358. No. 1. AIP Publishing LLC, 2021.
20. Prakash, Akula, et al. "Assessment of strength and durability parameters for concrete with partial replacement of coarse aggregates by iron slag and glass powder as an additive." *IOP Conference Series: Materials Science and Engineering*. Vol. 1126. No. 1. IOP Publishing, 2021.
21. Prakash, Akula, et al.. "Schedule delay analysis of a multi-storied residential project using primavera." *IOP Conference Series: Materials Science and Engineering*. Vol. 1091. No. 1. IOP Publishing, 2021.
22. T Srikanth., et al. "Durability studies on Geopolymer Mortar Cubes and their Impact Strength characteristics of Geopolymer Ferrocement Panels." *IOP Conference Series: Materials Science and Engineering*. Vol. 1091. No. 1. IOP Publishing, 2021.
23. Prakash, Akula, et al. "Construction automation." *IOP Conference Series: Materials Science and Engineering*. Vol. 1091. No. 1. IOP Publishing, 2021.

24. Prakash, Akula, et al. "Health state of hussain sagar." IOP Conference Series: Materials Science and Engineering. Vol. 1091. No. 1. IOP Publishing, 2021.
25. K Hema latha et al. , Mechanical and durability properties of treated oil palm shell lightweight concrete', Nadh, *Materials Today: Proceedings* 47 (2021): 282-285.
26. Hussain, Mohammed, et al. ,Comparison of methods of prediction of compressive strength of concrete using multiple linear regression in microsoft excel and artificial neural networks in RStudio', *AIP Conference Proceedings*. Vol. 2358. No. 1. AIP Publishing Inc
27. Application of Multiple Linear Regression Models and Adaptive Neuro-Fuzzy Inference System Models to estimate the Compressive Strength of Concrete', Hussain, Mohammed, Y. Kamala Raju, and Prasad V. Kamakshi. IOP Conference Series: Materials Science and Engineering. Vol. 1126. No. 1. IOP Publishing, 2021.
28. 'Stress - strain behaviour of confined nano silica-based concrete', Kakara S J Kumar, M V Seshagiri Rao, V Srinivasa Reddy, S Shrihari, *E3S Web of Conferences* 309, 01048 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901048>
29. 'Studies on stress- strain behaviour of concrete mixes confined with BFRP rebars', K Ajay Kumar, A Venkat Sai Krishna, S Shrihari, and Srinivasa Reddy V, *E3S Web of Conferences* 309, 01049 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901049>
30. 'Development of hybrid fibre reinforced self-compacting concrete as per Nan Su criteria', A Rama Krishna Rao, N Ruben, Srinivasa Reddy V, S V S Sankeerth, *E3S Web of Conferences* 309, 01050 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901050>
31. 'Experimental and analytical evaluation of stress-strain behavior of basalt fibred concrete' Md Hasham, Srinivasa Reddy V, E Giri Prasad Goud, and Prashant Hugar, *E3S Web of Conferences* 309, 01051 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901051>
32. 'Corrosion resistance studies on the concrete made with basalt fibres and basalt fibre reinforced rebars', E Giri Prasad Goud, Marimuthu Kannimuthu, V Srinivasa Reddy, V Saikrishna, *E3S Web of Conferences* 309, 01052 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901052>
33. 'Effect of molarity of sodium hydroxide and molar ratio of alkaline activator solution on the strength development of geopolymer concrete', Srinivasa Reddy V, Karnati Vamsi Krishna, M V Seshagiri Rao, and S Shrihari, *E3S Web of Conferences* 309, 01058 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901058>
34. 'Moment - curvature behavior of basalt fibred concrete beams made with basalt fibre reinforced polymer bars', V Saikrishna, Srinivasa Reddy V, M V Seshagiri Rao, and S Shrihari, *E3S Web of Conferences* 309, 01059 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901059>
35. 'Flexural behaviour of basalt fibred concrete slabs made with basalt fibre reinforced polymer rebars', Md Hasham, Srinivasa Reddy V, M V Seshagiri Rao, and S Shrihari, *E3S Web of Conferences* 309, 01055 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901055>
36. 'Effect of packing factor and fine aggregate/total aggregate ratio on the development of self-compacting concrete', S V S Sankeerth, Srinivasa Reddy V, S Shrihari and C

- Rajashekar, E3S Web of Conferences 309, 01056 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901056>
37. 'Parametric studies on the properties of geopolymer concrete', Karnati Vamsi Krishna, Srinivasa Reddy V, S Shrihari and C Rajashekar, E3S Web of Conferences 309, 01101 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901101>
 38. 'Effect of various parameters on the workability and strength properties of geopolymer concrete', Nutakki Sai Ketana, Srinivasa Reddy V, M V Seshagiri Rao, and S Shrihari, E3S Web of Conferences 309, 01102 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901102>
 39. 'Mathematical model for predicting stress-strain behavior of low calcium fly-ash based geopolymer concrete', Nutakki Sai Ketana, Srinivasa Reddy V, M V Seshagiri Rao, and S Shrihari, E3S Web of Conferences 309, 01103 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901103>
 40. 'Stress-Strain behaviour of plain and fibre reinforced SCC mixes', U Prashanth, S Shrihari, V Siva Prasad Raju, and Srinivasa Reddy V, E3S Web of Conferences 309, 01057 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901057>
 41. 'Influence of calcium and alumina-based pozzolanas on the strength properties of low calcium fly ash geopolymer concrete', K Saiteja Chary, S Shrihari, V Siva Prasad Raju, and Srinivasa Reddy V, E3S Web of Conferences 309, 01104 (2021), <https://doi.org/10.1051/e3sconf/202130901104>
 42. 'Studies on stress- strain behaviour of fibre reinforced self-compacting concrete in confined state', Gorla Jayasri, V Siva Prasad Raju, Srinivasa Reddy V and M Mounika, E3S Web of Conferences 309, 01054 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901054>
 43. 'Flexural behaviour of hybrid fibre reinforced concrete beams made with various packing factors and fine to total aggregate ratio', V Siva Prasad Raju, Gorla Jayasri, Srinivasa Reddy V and A Naga Sai Baba, E3S Web of Conferences 309, 01060 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901060>
 44. 'Proposed Mathematical Model for stress- strain behaviour of geopolymer concrete', Bitla Srivathsav, N Prem Kumar, S Shrihari, and C Vivek Kumar, E3S Web of Conferences 309, 01053 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901053>
 45. 'Effect of Sugarcane Bagasse Fiber on Geopolymer Concrete when it is Subjected to Alternative Drying and Wetting', T. Srinivas, Pogula Anudeep and N.V.Ramana Rao, E3S Web of Conferences 309, 01105 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901105>
 46. 'Effect of Sugarcane Bagasse Fibre on the Behavior of Geopolymer Concrete under Sulphate Attack', T. Srinivas, Thandra Arun and N.V.Ramana Rao, E3S Web of Conferences 309, 01106 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901106>
 47. 'Studies on effect of Sugarcane Bagasse Fibre on Mechanical Properties and Workability of Low Calcium Fly Ash and Slag based Geopolymer Concrete', T.Srinivas, Srimanthula Chandana and N V Ramana Rao, E3S Web of Conferences 309, 01112 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901112>

48. 'Effect of Sugarcane Bagasse Fibre on the Flexural Behavior of Geopolymer Concrete RCC Beams', Srimanthula Chandana, T.Srinivas and N V Ramana Rao, E3S Web of Conferences 309, 01113 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901113>
49. 'Studies on manufactured sand effect on mechanical properties of geopolymer concrete as replacement of river sand in fine aggregate', K. Veera Babu, T. Srinivas and Mahathi Tummala, E3S Web of Conferences 309, 01114 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901114>
50. 'Role of expansion joint in the study of seismic analysis of a multi-storied building', Meera Arun, T Srinivas and PVVSSR Krishna, E3S Web of Conferences 309, 01115 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901115>
51. 'Seismic analysis of a multi- storied building for different plan configurations using etabs', Meera Arun ,PVVSSR Krishna and T Srinivas, E3S Web of Conferences 309, 01129 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901129>
52. 'Studies on the Permeation Properties of Geopolymer Concrete made with Sugarcane Bagasse Fiber', Pogula Anudeep, T. Srinivas and N.V.Ramana Rao, E3S Web of Conferences 309, 01130 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901130>
53. 'Durability properties of concrete made with polyethylene terephthalate and polypropylene as replacement of fine aggregate', Suram Raju, Vegiraju Naresh Kumar Varma and T. Srinivas, E3S Web of Conferences 309, 01131 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901131>
54. 'Plastic as substituent material for fine aggregate in concrete', SuramRaju, T.Srinivas and Vegiraju Naresh Kumar Varma, E3S Web of Conferences 309, 01132 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901132>
55. 'Studies on the Acid Attack Resistance of Sugarcane Bagasse Fibre Geopolymer Concrete', Thandra Arun, T. Srinivas and N.V.Ramana Rao, E3S Web of Conferences 309, 01133 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901133>
56. 'Performance of elevated water tank staging with base isolation under blast loading', Boda Balaraju and Atulkumar Manchalwar, E3S Web of Conferences 309, 01134 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901134>
57. 'Blast Response of Elevated Water Tank Staging with Metallic Damper', Boda Balaraj and Atulkumar Manchalwar, E3S Web of Conferences 309, 01135 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901135>
58. 'Isolating System using U Shaped Steel Damper', Siripuram Vamshisheela and Atulkumar Manchalwar, E3S Web of Conferences 309, 01136 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901136>
59. 'Response Control of Structures Under Seismic and Blast Induced Ground Motions', Siripuram Vamshisheela, Atulkumar Manchalwar, E3S Web of Conferences 309, 01137 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901137>
60. 'Nonlinear Seismic Performance Of A Building Using Base Isolation Method', Vishal Yadav Mallela and Atulkumar manchalwar, E3S Web of Conferences 309, 01170 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901170>

61. 'Nonlinear seismic performance of a regular building using base isolation method', Vishal Yadav Mallela and Atulkumar manchalwar, E3S Web of Conferences 309, 01171 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901171>
62. 'Flexural Performance of Hybrid Fiber Reinforced Polymer Concrete using PVA Fiber', G.Prashanth Naik and K Hemalatha and Srikanth Koniki, E3S Web of Conferences 309, 01172 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901172>
63. 'Comparative study of Conplast SP 430 and Polycarboxylic Ether based super plasticizer on M50 grade PVA-FRC', G.Prashanth Naik, Srikanth Koniki and Hemalatha, E3S Web of Conferences 309, 01173 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901173>
64. 'Mechanical Properties of PVA & Steel Hybrid Fiber Reinforced Concrete', K Sharmila Sai Sree and Srikanth Koniki, E3S Web of Conferences 309, 01174 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901174>
65. 'Applications of Non-Contact Digital Image Correlation Method (DIC) – A Review', K Sharmila Sai Sree and Srikanth Koniki, E3S Web of Conferences 309, 01175 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901175>
66. 'Digital Image Correlation for Structural Health Monitoring – A Review', K Tharun Kumar Reddy and Srikanth Koniki, E3S Web of Conferences 309, 01176 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901176>
67. 'Mechanical Properties of Concrete Reinforced with Graded PVA Fibers', K Tharun Kumar Reddy and Srikanth Koniki, E3S Web of Conferences 309, 01177 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901177>
68. 'Analysis and Design of Intze Water Tank by Using STAAD Pro', Chandana Imadabathuni, Padala Sri Vardhan Goud, Nalla Ravi Kiran and Bathula Naveen, E3S Web of Conferences 309, 01178 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901178>
69. 'Flexural Behaviour of Hybrid Fiber reinforced Concrete beam using BFRP bars', Guntupally Nikhil, K. Hemalatha, V Mallikarjuna Reddy and, V. Swamy Nadh, E3S Web of Conferences 309, 01179 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901179>
70. 'Experimental Study on Comparison of the Plasticizer Effect on PVA Fiber Reinforcement Concrete', K. Hemalatha, Mallikarjuna Reddy V and Guntupally Nikhil, E3S Web of Conferences 309, 01180 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901180>
71. 'Comparison of soil moisture content measurement between Internet of Things (IoT) and traditional methods', Swetha Guduru, Radhika K, Chandana Sukesh and Srilakshmi P, E3S Web of Conferences 309, 01191 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901191>
72. 'Comparison of EPS Geofam and Stone columns in heave reduction of expansive soils', Thentu Jahnvi and Kattamanchi V.Kranthi Kumar, E3S Web of Conferences 309, 01192 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901192>
73. 'Base Shear Variation for Irregular G+6, G+9 and G+12 Structures in Seismic Zones IV and V for Three Soil Types', Vanadeep Cotipalli, E3S Web of Conferences 309, 01193 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901193>

74. 'Effect of different grades of concrete on RC framed multi-storied building', Vemundla Ramesh and Chitla Raju, E3S Web of Conferences 309, 01194 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901194>
75. 'Investigation On Alkali Activated Fly Ash And Slag Concrete Using Neutral Grade Water Glass As Activator', G.V.V.Satyanarayana and Kaparaboina Greeshma, E3S Web of Conferences 309, 01195 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901195>
76. 'Comparison Of Mechanical Properties of Aerated Concrete with And Without Steel Fibres', G.V.V. Satyanarayana and A. Ranjith, E3S Web of Conferences 309, 01196 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901196>
77. 'Experimental Studies on Compressive Strength of Aerated Concrete with Varying Percentage of Aluminium Powder', G.V.V. Satyanarayana and A. Ranjith, E3S Web of Conferences 309, 01197 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901197>
78. 'Performance of Aerated Concrete Blocks Under Varying Temperatures', G.V.V.Satyanarayana and S.Deepak Reddy, E3S Web of Conferences 309, 01201 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901201>
79. 'Performance evolution of aerated concrete varying with percentage aluminium content', G.V.V.Satyanarayana and S.Deepak Reddy, E3S Web of Conferences 309, 01200 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901200>
80. 'Mechanical Properties of Fly Ash and Blast furnace slag Based Alkali Activated Concrete Using High Silica Modulus Activator', G.V.V.Satyanarayana and Kaparaboina Greeshma, E3S Web of Conferences 309, 01202 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901202>
81. 'Damage Capacity on RC Structures Using Performance Based Analysis', Kurelly Spandana, Y. Kamala Raju, G V V Satyanarayana and Atulkumar Manchalwar, E3S Web of Conferences 309, 01203 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901203>
82. 'Effect of Joint Rigidity on Structural Behavior of RC Buildings', Kurelly Spandana, Y. Kamala Raju, G V V Satyanarayana and Atulkumar Manchalwar, E3S Web of Conferences 309, 01204 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901204>
83. 'Comparative Study on Aerated Concrete using Steam Curing and conventional curing method', Rohith Naidu T Y, G.V.V Satyanarayana, E3S Web of Conferences 309, 01205 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901205>
84. 'Study on Aerated Concrete using Steam Curing test method', Rohith Naidu T Y and G.V.V Satyanarayana, E3S Web of Conferences 309, 01206 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901206>
85. V. Mallikarjuna Reddy et al., 'Impedance based service life assessment of corroded structures with Cross correlation analysis', E3S Web of Conferences 309, 01207 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901207>
86. 'Corrosion assessment of Structural components using Electro Mechanical Impedance', N. Naga Sai Pravallika, V. Mallikarjuna Reddy and B. Siva Konda Reddy, E3S Web of

- Conferences 309, 01208 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901208>
87. 'A Review on the Internet of Things in Civil Engineering: Enabling Technologies, Applications and Challenges', Manisha Gunturi, E3S Web of Conferences 309, 01209 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901209>
 88. 'Flexible Pavement Design of District Road', S. VenkatCharyulu and G.K.Viswanadh, E3S Web of Conferences 309, 01210 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901210>
 89. 'Review of real-time effective decision support system for water resource management', S. VenkatCharyulu and G.K.Viswanadh, E3S Web of Conferences 309, 01211 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901211>
 90. 'Decision support water management a case study', S. VenkatCharyulu, and G.K.Viswanadh, E3S Web of Conferences 309, 01212 (2021), ICMED 2021, <https://doi.org/10.1051/e3sconf/202130901212>
 91. Lavanya, C., and Nandyala Darga Kumar. "SLRA and MLRA Based Correlations of Geotechnical Parameters of Fine Grained Soils." *IOP Conference Series: Materials Science and Engineering*. Vol. 1126. No. 1. IOP Publishing, 2021.
 92. Urban Rejected Water Reuse in Agriculture for Irrigation in Major Cities of India: A Synoptic Review', Surinaidu, L., et al. "Urban Rejected Water Reuse in Agriculture for Irrigation in Major Cities of India: A Synoptic Review." *Hydro Science & Marine Engineering* 3.1 (2021).
 93. Literature Review on Seismic Analysis of Multistoried RC Building with Shear Wall', Peddabudi Ranjeeth Kumar, Atul Kumar A. Manchalwar." *Design Engineering* (2021): 7476-7481.
 94. Seismic Analysis of Multistoried Rc Building with Shear Wall Manchalwar', Atul Kumar A."Seismic Analysis of Multistoried Rc Building with Shear Wall." *Design Engineering* (2021): 7246-7253
 95. Nandyala Darga Kumar and C Lavanya, "A Geotechnical Study on Failed Base Slab of Molasses Tank", Proceedings of Indian Geotechnical Conference 2021 IGC-2021 Geotechnics for Infrastructure Development and Innovative Applications, December 16-18, 2021, NIT Tiruchirappalli.
 96. P.Bhavana, Dr.T.Srinivas, "Manufactured Sand Effect On Flexural Behavior Of Geopolymer RCC Structural Elements", AIP conference proceedings.
 97. A.N. Swaminathen a, C. Vivek Kumar b,†, S. Robert Ravi c, Sohng Debnath d, "Evaluation of strength and durability assessment for the impact of Rice Husk ash and Metakaolin at High Performance Concrete mixes", *Materials Today: Proceedings* (In Press)
 98. Vivek Kumar C, Dr. A.N.Swaminathen, I.Chandana, Dr.J. Selwyn Babu, " Studies on strength parameters of blended self cured concrete with natural and manufactured sand on the impact of fly ash and ground granulated blast furnace slag", ICIRMCT 2021, IOP Conf. Series: Materials Science and Engineering 1091 (2021) 012039, IOP Publishing, doi:10.1088/1757-899X/1091/1/012039
 99. Vivek Kumar C, Mohammed Aiman Parvez, Dr.T.Srinivas, " Evaluation of optimum dosage in blended self-curing concrete on the impact of supplementary cementitious

materials (scm's) and durability studies on different proportions”, ICIRMCT 2021, IOP Conf. Series: Materials Science and Engineering 1091 (2021) 012037, IOP Publishing, doi:10.1088/1757-899X/1091/1/012037