



Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

Department of Civil Engineering

YEAR 2023

Year	Number of Journal Publications			Number of Conference Proceedings	
	SCI	SCOPUS/ESCI	UGC	SCOPUS	ESCI/UGC
2023	-	1	-	32	-

Faculty Authors	Number of Journal Publications			Number of Conference Proceedings	
	SCI	SCOPUS/ ESCI	UGC	SCOPUS	UGC
Dr. V.Srinivasa Reddy				11	
Dr C Lavanya		1		1	
Mrs. K.Hemalatha				3	
Mr C Vivek Kumar		2		3	
Dr. G.V.V. Satyanarayana				5	
Dr.T.Srinivas				3	
Dr V. Mallikarjun Reddy				3	
Dr. O.S.D. Hima Bindu				3	
Mr P V V S S R Krishna				2	
Ms. P.S.R.P.SSS Vardhani				3	
Mr S. Venkatacharyulu				1	
Mr V Naresh Kumar Varma				1	
Mr Siva Prasad Raju V				2	

SCOPUS JOURNALS:

1. Nandyala Darga Kumar and C. Lavanya (2023), A Geotechnical Study on Failed Base Slab of Molasses Tank, Foundation and Forensic Geotechnical Engineering, Lecture Notes in Civil Engineering 299-309, https://doi.org/10.1007/978-981-19-6359-9_28
2. C Vivek Kumar et al., Numerical prediction of California bearing ratio of expansive subgrade soil stabilized with bottom ash and geotextile, Indian J of Environmental protection, Vol 42, No.13 pp. 1454 1462 January 2023
3. C Vivek Kumar et al., Enhancement of California bearing ratio of expansive soil subgrade using bottom ash and geosynthetics, Indian J of Environmental protection, Vol 42, No.13 pp. 1501- 1508 January 2023

SCOPUS INDEXED CONFERENCE PROCEEDINGS:

1. O. S. D. Hima Bindu; R. Ramya Swetha, Residual chlorine analysis in water distribution networks with intermittent and continuous system of water supply, AIP Conference Proceedings 2759, 040008 (2023) <https://doi.org/10.1063/5.0144640>
2. V Srinivasa Reddy , S Shrihari, P Uma, J Pavan Kalyan, Treated Recycled Coarse Aggregate Concrete: A New Mixture Proportioning Method based on packing densities, Materials Today Proceedings ,Elsevier (Accepted)
3. S Vasanthi, S Shrihari, V Srinivasa Reddy, P S R P S S S Vardhani, S P Raju, Stress-Strain Behaviour of Concrete made with Treated Recycled Coarse Aggregate, Springer Nature (Accepted)

RICE 2023 paper (Accepted for publication)

4. The effect of elevated temperature on self-compacting concrete: Physical and mechanical properties
Challa Madhavi , V Srinivasa Reddy, M V Seshagiri Rao, S Shrihari
5. Design of concrete beam reinforced with GFRP bars
as per ACI codal provisions
R Venkata Suraj Reddy , V Srinivasa Reddy, M V Seshagiri Rao, S Shrihari
6. Stress-strain behaviour of unconfined and confined
hybrid glass/steel fibre self-compacting concrete
A Rama Krishna Rao, N Ruben¹, V Srinivasa Reddy, Y Rama Gnanendra Sai, M V Seshagiri Rao
7. Performance of hybrid glass/steel fibre self-compacting concrete beams under static flexural loading
V Srinivasa Reddy¹, G Santhosh¹, M Sai Neeraj¹, E Manish Goud¹, C Rajashekar²
8. Effect of particle size of colloidal nano-silica on the properties of the SCM based concrete
Kakara S J Kumar¹, M V Seshagiri Rao², V Srinivasa Reddy³, S Shrihari⁴, Prashant Hugar⁵
9. Analysis of Tuned Mass Damper Effect on Vibration Control over Tall Building in Seismic Prone Areas – A state-of-art review

- Cheruku Sandya*¹, *C Vivek Kumar*¹, and *T Srinivas*¹
10. Study on Amplitude Reduction Factor of Fly ash Infilled Barrier Using Vibration Sensor
*C Lavanya*¹², *C Dhanya*¹, *M Dayana*¹ and *T Chandana Sree*¹
11. Planning, Scheduling & Allocation of Resources for Short-Span Bridge using Primavera P6
*Bandi Sri Ram Gopal*¹³, *V Srinivasa Reddy*¹, *M V Seshagri Rao*², *Thirumala Sujatha*³
12. Structural behaviour of Triple blended high-performance concrete
*Repati Mohan Babu*¹⁴, *G V V Satyanarayana*¹, and *Vivek Kumar C*¹
13. Resource Allocation, Scheduling and Planning of a Multi Storeyed Residential Building
*Thota Harshavardhan*¹⁵, *V Srinivasa Reddy*¹, *P S R P S S S Vardhani*¹, *S Shrihari*²
14. Experimental Studies on Flexural Action of RC beams made with Hybrid Rebars - A Brief Review
S.K.Sai Chandra^{1*}, *K Hemalatha*¹, *V Mallikarjuna Reddy*¹, *Vandanapu Swamy Nadh*²
15. Monitoring workability properties of Self-Compacting Concrete (SCC) using Internet of Things (IoT)
*Mittapalli Naga Ashwini*¹⁶ and *V Mallikarjuna Reddy*^{2*}
16. Studies on Workability and Compressive Strength of Ternary Blended Concrete
Pammi Divya^{1,a)}, *T.Srinivas*^{2,b)} and *Tummala Mahathi*³⁾
17. Mix proportioning of M25 grade concrete by replacing normal aggregate with light weight aggregate (Pumice)
*Lalitha Varikuppala*¹, *G V V Satyanarayana*¹
18. Studies of Polypropylene Fibres effect on Strength and Workability of Slag based Geopolymer Concrete
Latha sree Kashapaga^{1,a)}, *Tummala Srinivas*^{2,b)} and *T.Hyndhavi Reddy*³⁾
19. Seismic analysis of High-rise Building with Tuned Mass Damper and Core Column
*Mariyala Vaishnavi*¹⁷, *G V V Satyanarayana*¹, and *V Naresh Kumar Varma*¹
20. Analysis and design of reinforced concrete silo by conventional method
*Dumma Umesh Kumar*¹, and *V.Mallikarjuna Reddy*¹
21. Stabilisation of soil using Rice Husk Ash(RHA) and Cement
S. Venkat Charyulu, *C. Akhila*², *Ch. Vineetha*³, *A. Akanksha*⁴,
22. Review on flexural performance of reinforced concrete beams designed with hybrid bars
M.Pranav^{1*}, *K Hemalatha*¹, *P.S.R.P.S.S.SVardhani*¹, *Vandanapu Swamy Nadh*²
23. Optimization of solids composition in ferrock mortar
*Shaik Feroz*¹, *P V V S S R Krishna*¹, *G.V.V. Satyanarayana*¹, *V Srinivasa Reddy*
24. Strength And Durability Properties Of Quaternary Blended High Strength Concrete
*Gongalla Nitish kumar*¹, *G V V Satyanarayana*²
25. Litracon An Alternative Source For Conventional Concrete
*Jetty sreevani*¹, *Tellam Roshni*², *Erram saipriya*³, *PVVSSR Krishna*⁴
26. Lateral response of pile due to combined load under free and fixed conditions
*Chiluka Rahul*¹, *Polisetty Saahas*¹, *V Srinivasa Reddy*¹, *G Jyothi Kumari*²

27. Concrete Mix Design Using Java Eclipse IDE
V.SP Raju¹, Aitha Sai Teja², D.Ragnesh² and M Ajay Sagar²
 28. Assessment of Ground Water Quality Using Water Quality Index and GIS
OSD Hima Bindu¹⁸, Velishala Gayathri², Thallapally Swaranya², and Jangiti Vyshnavi²
 29. Landslide Modelling and Susceptibility Assessment by Soil Moisture Sensors at Katteri Watershed in Southern India
A N Swaminathan¹⁹, Batchu Ramanjaneyalu², K Dhanasekar³, S Robert Ravi S⁴ and Vivek Kumar C⁵
 30. Numerical Analysis on Reinforcement ratio of RC beams using FRP and Steel Rebars
K Hemalatha¹¹⁰, Dr D Ravi Prasad²
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