

**PUBLICATIONS IN SCOPUS/ THOMSON REUTERS INDEXED JOURNALS/
BOOK CHAPTERS
ACADEMIC YEAR 2020-21**

1. Venkatesh, M. P., P. S. Saravananatarajan and B. Mahalingam. "Assessment of Productivity in Ready Mixed Concrete Batching Plant." *Solid State Technology* (2020): 621-631.
2. James, Jijo, et al. "Valorisation of egg shell ash as a potential replacement for lime in stabilization of expansive soils." *Građevinski materijali i konstrukcije* 63.3 (2020): 13-20.
3. Prasanna, K., B. Mahalingam et al. "Investigation on hydrogen production from liquefied paper industry biomass using sonication homogenizer." *European Journal of Molecular & Clinical Medicine* 7.02 (2020).
4. Sangeetha, Palanivelu. "Analytical study on the behaviour of composite space truss structures with openings in a concrete slab." *Civil and Environmental Engineering Reports* 30.3 (2020).
5. Sangeetha, P., and M. Shanmugapriya. "GFRP wrapped concrete column compressive strength prediction through neural network." *SN Applied Sciences* 2.12 (2020): 1-11.
6. Sangeetha, P., R. Vijayalakshmi, et al. "Push-Out Tests for Determining the Strength and Stiffness of the Channel Connectors—Experimental Study." *Lecture Notes in Civil Engineering, Springer*(2021): 163.
7. Sangeetha, P., S. Ramanagopal, et al. "Experimental Study of the Headed Stud Connectors in Composite Structure." *Lecture Notes in Civil Engineering, Springer*(2021): 173.
8. Sangeetha, P., et al. "Numerical and Experimental Evaluation on the Behaviour of Cold-Formed Steel Box Struts and Prediction of Experimental Results Using Artificial Neural Networks." *Lecture Notes in Civil Engineering, Springer*(2021): 349.
9. Naganathan, Sivakumar, et al. "Composite Leaching of Thermal Power Plant Bottom Ash to Ensure Its Performance on Cement Mortar." *Lecture Notes in Civil Engineering, Springer*(2021): 75.
10. Naganathan, Sivakumar, et al. "Enhancing the Performance of Bottom Ash Using Acid Leaching Method." *Lecture Notes in Civil Engineering, Springer*(2021): 81.
11. Sabapathy, Y. K., et al. "Shear Behaviour of Concrete Wall Panels Reinforced with FRP Bars." *Lecture Notes in Civil Engineering, Springer*(2021): 257.
12. Ramanagopal, S. "Behaviour of Concrete Filled FRP Tubular Columns Under Axial Compression." *Lecture Notes in Civil Engineering, Springer*(2021): 275.
13. Sabapathy, Y. K., et al. "A Study on Flexural Strength of Concrete Beams Reinforced with Manually Pultruded GFRP Bars." *Lecture Notes in Civil Engineering, Springer*(2021): 283.

14. Krishna, J. Gokul, S.V. Sivapriya et al. "Glass Fibre Reinforced Gypsum (GFRG) as an Emerging Technology." *Lecture Notes in Civil Engineering, Springer*(2021): 309.
15. Mugesh, A., S.V. Sivapriya et al. "Immediate Load-Penetration Behaviour of Sand Piles with Sustainable Material." *Lecture Notes in Civil Engineering, Springer*(2021): 325.
16. Manjula, R., and S. V. Sivapriya. "Expediency of Sand Compaction Piles and It's Earlier Studies." *Lecture Notes in Civil Engineering, Springer*(2021): 333.
17. Ramalingam, Sathia, R. Vijayalakshmi, et al. "Uni axial compression behaviour of lightweight expanded clay aggregate concrete cylinders confined by perforated steel tube and GFRP wrapping." *Revista de la construcción* 19.3 (2020): 200-212.
18. Sangeetha, Palanivelu, et al. "Flexural Strength of Steel-Concrete Composite Beams Under Two-Point Loading." *Civil and Environmental Engineering Reports* 30.4 (2020).
19. Sangeetha, P., and M. Shanmugapriya. "Prediction of mechanical strength of polypropylene fibre reinforced concrete using artificial neural network." *Građevinski materijali i konstrukcije* 63.4 (2020): 79-86.
20. Shanmugapriya, M., and P. Sangeetha. "Neural Network Modeling of Convection Heat Transfer Coefficient for the Casson Nanofluid." *TWMS Journal of Applied and Engineering Mathematics* 11.Jaem Vol 11-Special Issue, 2021 (2021): 248.
21. James, Jijo, et al. "Wetting-Drying Resistance of a Lime Stabilized Soil Amended with Steel Slag and Reinforced with Fibres." *ITECKNE: Innovación e Investigación en Ingeniería* 18.1 (2021): 1-1.
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24. Sangeetha, P., and M. Shanmugapriya. "Modeling and prediction of fatigue life of brass and EN24 steel using soft computing tool." *Materials Today: Proceedings* 38 (2021): 2912-2918.
25. Sivapriya, S. V., R. Srinath, et al. "Physiochemical properties of contaminated soil under the influence of industrial and municipal wastewater." *International Journal of Environmental Science and Technology* 17.8 (2020): 3715-3722.
26. Naganathan, Sivakumar, B. Mahalingam, P. Sreehari, R. Srinath, et al. "Assessment of Productivity in Ready Mixed Concrete Batching Plant." *Solid State Technology* (2020): 2657-2664.