

Faculty publication for the year 2020-2021

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal	Link to article/paper/abstract of the article
Comparative Study on Design & Analysis of Hypothetical G+20 RCC & Composite Structure	Dr. S Kavitha	International Journal for Research in Applied Science & Engineering Technology	2020	2321-9653	https://www.ijraset.com/	https://www.researchgate.net/publication/342765069
Comparative analysis of multi storey mono column structures for different plan configuration with same plan area Journal of Physics	Dr. S Kavitha	Materials Science and Engineering	2020	1742-6596	https://www.science-direct.com/	https://iopscience.iop.org/article/10.1088/1742-6596/1706/1/012133/meta
Evaluation of effective location and thickness of shear wall on performance of multistorey building subjected to lateral load	Dr. S Kavitha	Materials Science and Engineering	2020	1742-6596	https://www.science-direct.com/	https://iopscience.iop.org/article/10.1088/1742-6596/1706/1/012212/pdf
Comparing the behaviour of multistorey RCC Structure with different type of bracing system with respect to different seismic zones	Dr. S Kavitha	Materials Science and Engineering	2020	1757-899X	https://www.science-direct.com/	https://iopscience.iop.org/article/10.1088/1757-899X/955/1/012026

Evaluating the performance of method to increase the stiffness of structure	Dr. S Kavitha	Materials Science and Engineering	2021	1757-899X	https://www.sciencedirect.com/	https://iopscience.iop.org/article/10.1088/1757-899X/1033/1/012063/meta
Fire Resistance of Bamboo Fiber Reinforced SCC with GGBS and Alccofine Partially in Place of Cement	Dr. S Kavitha	Materials Science and Engineering	2021		https://www.sciencedirect.com/	http://www.acsjsen/index.php/acsjsen/article/view/6
A microstructure exploration and compressive strength determination of red mud bricks prepared using industrial wastes	Gayathri G	Materials today proceedings,46,Elsevier,	2021		https://scholar.google.co.in/	https://www.sciencedirect.com/science/article/pii/S2214785320352640#ab005
A compressive investigation of the effect of mineral additives to bituminous concrete	Gayathri G	Materials today proceedings,46,Elsevier	2021		https://scholar.google.co.in/	https://www.sciencedirect.com/science/article/pii/S2214785320397753
Defluoridation of drinking water-Fluoride wars	Gayathri G	Advances in energy & environment, SPRINGER	2021		https://www.springer.com/gp/book/9789813366947	https://www.springerprofessional.de/en/defluoridation-of-drinking-water-fluoride-wars/19088070

A mathematical correlation of compressive strength among silica, alumina and calcia present in composite red bricks & iron ore tailing bricks	Gayathri G	Springer nature	2021		https://www.springerprofessional.de/en/a-mathematical-correlation-of-compressive-strength-among-silica-/19119808
Sustainable approach to geopolymer brick manufacture using mine waste	Gayathri G	Springer nature	2021		https://link.springer.com/referenceworkentry/10.1007%2F978-981-15-7525-9_76-1
Removal of struvite in waste water using annamox bacteria	Gayathri G	Springer nature	2021		https://www.springer.com/in
A Study on characteristics of sisal fiber and its performance in fiber reinforced concrete	Dr. Y. Stalin Jose	Elsevier	2021		https://www.sciencedirect.com/science/article/pii/S2214785321051713
Thermal performance evaluation of fibre reinforced concrete treated with eco friendly additives	Dr. Y. Stalin Jose	Elsevier	2021		https://www.sciencedirect.com/science/article/pii/S2214785321046691

Effect of Discrete steel fibres on strength and ductility of FRP laminated RC beams	Dr.R.Subash Chandra bose	Ain Shams Engineering Journal	2021		https://www.journals.elsevier.com/ain-shams-engineering-journal	https://www.sciencedirect.com/science/article/pii/S2090447920302422
Evaluation of the effects of soil structure interaction on a multistorey RC building	Mamatha P G	Journal of physics	2020	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1706/1/012136
Comparing the behavior of multi-storey RCC Structure with different type of bracing system with respect to different seismic zones	Mamatha P G	Material science and engineering	2020	1757-899X	https://www.journals.elsevier.com/	https://iopscience.iop.org/article/10.1088/1757-899X/955/1/012026
Evaluation of the effects of soil structure interaction on a multistorey RC building	Vishal B V	Journal of physics	2020	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://www.semanticscholar.org/
Comparing the behavior of multi-storey RCC Structure with different type of bracing system with respect to different seismic zones	Vishal B V	Material science and engineering	2020	1757-899X	https://www.journals.elsevier.com/materials-science-and-engineering-a	https://iopscience.iop.org/article/10.1088/1757-899X/955/1/012026

Defluoridation of drinking water- fluoride wars	Pallavi HJ	Advances in energy and environment	2020	Advances in energy and environment	https://www.springer.com/gp/book/9789813366947	https://www.springerprofessional.de/en/defluoridation-of-drinking-water-fluoride-wars/19088070
Seismic behaviour of tall twisted buiding with different angle of Rotation	Navya KS	Springer nature	2021	: 978-981-16-0942-8	https://doi.org	https://www.springerprofessional.de/en/seismic-behaviour-of-twisted-tall-building-with-different-angle-/19296670