

Department of Civil Engineering
List of Journal Publications
2021-22 (CAYm2)

S.No	Name of the Staff	Title of the Paper	Name of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other
1	Dr. T Chandra Sekhar Rao	Effect of Graded Steel Fibres on Fresh and Hardened Properties of Self Compacting Concrete	Design Engineering (Toronto)	http://www.thedesigengineering.com/index.php/DE/article/view/4035	Scopus
2	Dr V. Venkateswarlu	Wave transformation due to finite floating elastic plate with abrupt change in bottom topography	Ships and Offshore Structures	https://doi.org/10.1080/17445302.2021.1946308	Web of science
3	Dr V. Venkateswarlu	Iterative Dual Boundary Element Analysis of a Wavy Porous Plate near an Inclined Seawall	Ocean Engineering	https://doi.org/10.1016/j.oceaneng.2021.109242	Web of science
4	Dr. S R R Teja Prathipati	Web-flange interaction on local buckling of I-sections-a study in relation to IS800-2007	Journal of Structural Engineering (SERC), Madras	https://serc.res.in/jose-contents	Scopus
5	Dr V. Venkateswarlu	Bragg Scattering of Surface Gravity Waves by an Array of Submerged Breakwaters and a Floating Dock	Wave Motion	https://doi.org/10.1016/j.wavemoti.2021.102807	Scopus
6	Dr. Kunamineni Vijay	Application of artificial neural networks for prediction of microbial concrete compressive strength	Journal of Building Pathology and Rehabilitation	https://doi.org/10.1007/s41024-021-00140-3	Scopus

7	Dr. Kunamineni Vijay	Evaluating durability parameters of concrete containing bacteria and basalt fiber	Journal of Building Pathology and Rehabilitation	https://doi.org/10.1007/s41024-021-00138-x	Scopus
8	Dr. T Chandra Sekhar Rao	“Shear strength of Graded Steel fibre reinforced Self-compacting Concrete	Journal of Hunan University Natural Sciences	https://johuns.net/index.php/publishing/269.pdf	Web of science
9	Dr. Ch. N. Satish kumar	Analytical Modeling of Ultra-thin white topping cement concrete overlay on bituminous concrete pavement using ANSYS	World Journal of Engineering	https://doi.org/10.1108/WJE-10-2021-0577	Scopus
10	Dr. T Chandra Sekhar Rao	“RCC slab strengthening embellishment in nonlinear analysis by retrenchment and manifestation of frustration and cracks”,	Asian Journal of Civil Engineering	https://doi.org/10.1007/s42107-022-00458-4	Scopus
11	T.Chandra sekhar Rao	Mechanical Strength Characteristics of Fly Ash Blended with Ggbs Based Geopolymer Concrete Under Different Regimes in Curing	Design Engineering (Toronto)	http://www.thedesigengineering.com/index.php/DE/article/view/8884	Scopus
12	Dr. Paluri Yeswanth.	Evaluation of a Clayey Soil Stabilized by Calcium Carbide Residue as Pavement Subgrade	Transportation Infrastructure Geotechnology	www.doi.org/10.1007/s40515-021-00185-4	Scopus
13	Dr. S R R Teja Prathipati	Mechanical behavior of triple-blended hybrid fiber-reinforced concrete: an experimental and numerical study	Innovative Infrastructure Solutions	https://link.springer.com/article/10.1007/s41062-021-00526-9	Scopus
14	Dr Paluri Yeswanth.	Mechanical behavior of triple-blended hybrid fiber-	Innovative Infrastructure	https://link.springer.com/article/10.1007/	Scopus

		reinforced concrete: an experimental and numerical study	Solutions	s41062-021-00526-9	
15	Dr T Chandra Shekar Rao	RCC slab strengthening embellishment in nonlinear analysis by retrenchment and manifestation of frustration and cracks	Asian Journal of Civil Engineering	www.doi.org/10.1088/1755-1315/982/1/012020	Scopus
16	Dr V.Venkateswarlu	Wave scattering by inverted trapezoidal porous boxes using dual boundary element method	Ocean Engineering	https://www.icjonline.com/editionabstract_detail/102022	Scopus