

**Department of Civil Engineering**  
**List of Journal Publications**  
**2023-24 (CAY)**

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	Ch. N. Satish kumar	Enhancing sustainability in concrete: synergistic effects of sugarcane bagasse ash and iron ore tailings as eco-friendly cement and sand replacements	Journal of building pathology and rehabilitation	<a href="https://doi.org/10.1007/s41024-023-00369-0">https://doi.org/10.1007/s41024-023-00369-0</a>	Scopus
2	Y Murali Krishna	Enhancing sustainability in concrete: synergistic effects of sugarcane bagasse ash and iron ore tailings as eco-friendly cement and sand replacements	Journal of building pathology and rehabilitation	<a href="https://doi.org/10.1007/s41024-023-00369-0">https://doi.org/10.1007/s41024-023-00369-0</a>	Scopus
3	Ch. N. Satish kumar	Effect of iron ore tailings as partial replacement to fine aggregate on the performance of concrete	Innovative infrastructure solutions	<a href="https://doi.org/10.1007/s41062-023-01318-z">https://doi.org/10.1007/s41062-023-01318-z</a>	Scopus
4	Y Murali Krishna	Effect of iron ore tailings as partial replacement to fine aggregate on the performance of concrete	Innovative infrastructure solutions	<a href="https://doi.org/10.1007/s41062-023-01318-z">https://doi.org/10.1007/s41062-023-01318-z</a>	Scopus
5	Dr R L R Nagendra Prasad	Stormwater reuse for water-sensitive city – Integrated analysis of urban hydrology for efficient alternatives of Amaravati city, India	Water Science and Technology	<a href="https://doi.org/10.2166/wst.2023.393">https://doi.org/10.2166/wst.2023.393</a>	SCI-E

6	T.Chandra Sekhar Rao	A Study on Hybrid Fiber Reinforced Geopolymer Concrete Short Columns Under Uniaxial Compression	Eur. Chem. Bull	<a href="https://www.eurchembul.com/uploads/paper/acfbcd0824d7e9c8be8f6806e24c1b41.pdf">https://www.eurchembul.com/uploads/paper/acfbcd0824d7e9c8be8f6806e24c1b41.pdf</a>	Scopus
7	T.Chandra Sekhar Rao	A Compressive Strength Model for Proportioning Self-Compacting Concrete	Journal of Harbin Engineering University	<a href="http://harbinengineeringjournal.com/index.php/journal/article/view/955/662">http://harbinengineeringjournal.com/index.php/journal/article/view/955/662</a>	Scopus
8	T.Chandra Sekhar Rao	Experimental study on moment-curvature (M- $\Phi$ ) response for graded fibre reinforced SCC beams	Journal of Aeronautical materials	<a href="http://hkclxb.cn/article/view/2023/02/301.pdf">http://hkclxb.cn/article/view/2023/02/301.pdf</a>	Scopus