

**SESHADRI RAO**  
**GUDLAVALLERU ENGINEERING COLLEGE**  
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)  
**SESHADRIRAO KNOWLEDGE VILLAGE::GUDLAVALLERU**

**Journal Publication Details**

1. Likhitha Gurrām, Durga Chaitanya Kumar Jagarapu, **Arunchaitanya Sambangi**, Chiranjeevi Rahul Rollakanti, Shalin Princ, B. Sarath Chandra Kumar. EXPERIMENTAL STUDY ON MECHANICAL AND DURABILITY PROPERTIES OF CONCRETE USING MINERAL ADMIXTURES. Journal of Polymer and Composites. 2024; 12(05):148-160. Available from: <https://journals.stmjournals.com/jopc/article=2024/view=169075>
2. INVESTIGATION OF SELF-COMPACTING CONCRETE UTILIZING DIFFERENT SUPPLEMENTARY POZZOLANIC MATERIALS FOR CEMENT REPLACEMENT C. Rajamallu<sup>1</sup>, Durga Chaitanya Kumar Jagarapu<sup>2</sup>, M. Karthik Kumar<sup>1</sup>, **Arunchaitanya Sambangi**<sup>3</sup>, S. Sai Charan<sup>4</sup>, Chiranjeevi Rahul Rollakanti<sup>5</sup> and Shalin Prince<sup>5</sup>VOL. 19, NO. 13, JULY 2024 ISSN 1819-6608 ARPN Journal of Engineering and Applied Sciences
3. **Vaddi, Phani Kumar**, Subhashish Dey, Ch Naga Bharath, and U. Pallavi. "Effects of Bio-enzyme on the strength properties of soil." *Chemistry of Inorganic Materials 3* (2024): 100047. vol. 3, Aug 2024. DOI:<https://doi.org/10.1016/j.cinorg.2024.100047>. ISSN: 2949-7469. Indexed in ESCI & SCOPUS. Impact Factor: 0.9. Available at:<https://www.sciencedirect.com/science/article/pii/S2949746924000156>
4. **Dey, S.**, Veerendra, G.T.N., Phani Manoj, Siva Shanmuka Anjaneya Babu. . *et al.* Utilization of Various Types of Biosorbents for Removal of Nitrites from Water. *Biomedical Materials & Devices 2*, 861–882 (2024). <https://doi.org/10.1007/s44174-023-00154-0>
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7. Dey, S., **G. T. N. Veerendra**, A. V. Phani Manoj, and S. S. A. Babu Padavala. *Removal of chlorides and hardness from contaminated water by using various biosorbents: A comprehensive review. Water Energy Nexus, 7, 39–76.* 2024.

8. Kumar, VV Praveen, **Subhashish Dey**, Ganugula Taraka Naga Veerendra, Akula Venkata Phani Manoj, and Siva Shanmukha Anjaneya Babu Padavala. "A systematic analysis of binary blend cement concrete infused with lime sludge and fly ash." *Chemistry of Inorganic Materials* 4 (2024): 100065. . vol. 4, Dec 2024. DOI: <https://doi.org/10.1016/j.cinorg.2024.100065>ISSN: 2949-7469. Indexed in DOAJ. Impact Factor: 0.9. Available at: <https://www.sciencedirect.com/science/article/pii/S2949746924000338>
9. M. Lalitha Pallavi, Subhashish Dey, **Ganugula Taraka Naga Veerendra**, Siva Shanmukha Anjaneya Babu Padavala, and Akula Venkata Phani Manoj. "Optimizing the bituminous pavement constructions with waste plastic materials improved the road constructions performance and their future applications." *AI in Civil Engineering* 3, no. 1 (2024): 16.
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