

Faculty Achievements

Research & Publications

- ✓ **Dr. Anand V. R.** , Professor, published a research paper titled “Machine Learning Models for Mechanical and Microstructural Properties of Recycled Fine Aggregate Concrete Using Different Mixing Approaches” in the International Journal of Engineering (IJE), TRANSACTIONS B: Applications, Vol. 37, No. 05, May 2024, pp. 997-1011.
- ✓ **Dr. Sowmya N J**, Professor, has published paper titled ,” Experimental Investigation on behaviour of circular footings resting on reinforced sand”, The Seybold Report ISSN 1533-9211, DOI: 10.5281/Zenodo.10320063, V18/12 pp 370-381.
- ✓ **Dr. Sowmya N J**, Professor, has published paper titled “ Quantification of Spatio-Temporal Changes in Soil Erosion Rates at Puttur taluk, Dakshina Kannada District, Karnataka, India”, Volume: 19, No: S5 (2022), pp. 1622-1635 ISSN: 1741-8984 (Print) ISSN: 1741-8992 (Online) (www.migrationletters.com) (Scopus indexed) published in 2024.
- ✓ **Dr. Rajesha R**, Asst. Professor, has published paper titled ‘Identification of the Potential Sources of Aerosols over an Urban Region of the monsoon-dominated, Southern West Coast of India’ in Journal of the Indian Society of Remote Sensing ISRS-D-24-00213R3.

Innovations & Patents

- ✓ **Dr. Anand V. R**, Professor successfully obtained an Indian design patent for an Electric Water Bath with a digital approach, Design Patent No: 426456-001, dated 10/08/2024.
- ✓ **Prof. Surekha T**, Asst. Professor, successfully obtained an patent for ”The Strength Characteristics and Load-Deflection Behavior of Fly Ash-Based Reinforced Concrete Beams” was published on 22/07/2022 in The Patent Office Journal No. 29/2022, highlighting advancements in sustainable construction and structural performance."