

Department of Civil Engineering

Details of Paper Published by the Faculty members

Sl. No	Name of the Author	Title of the Paper	Name of the Journal	Year of Publication
1.	Dr B K Narendra	Graphitic C3N4 incorporated chitosan-poly(vinyl alcohol) blend nanocomposites for the removal of Cu(II) and Cr(VI) ions from aqueous solutions	Express Polymer Letters	2023-24
2.	DrShruthi R	The influence of meteorological parameters and ventilation coefficient on the accumulation and dispersion of tropospheric ozone	2 nd Annual conference Infrastructure and Build environment : Towards sustainable and resilient societies (IBSR) 2024	2023-24
3.	DrShruthi R	ZLD proposal for smart infrastructure – conflow, a constructed wetland derived from horizontal and vertical flow regime	2 nd Annual conference Infrastructure and Build environment : Towards sustainable and resilient societies (IBSR) 2024	2023-24
4.	Kavya B M	Analysis of evapotranspiration and developing crop coefficient for plantation sugarcane using lysimeter	2 nd Annual conference Infrastructure and Build environment : Towards sustainable and resilient societies (IBSR) 2024	2023-24

5.	Manjula R	An Analysis Using the Taguchi Optimization Process to Statistically Investigate the Mechanical Properties of Composite Materials	Journal of The Institution of Engineers (India): Series D	2023-24
6.	Anusha P	Flood mitigation work in the business park with the Infrastructure development - case study	Ijo -international journal of mechanical and civil engineering	2023-24
7.	Dr B K Narendra	Web Search Behaviour of Engineering Students in BGS Institute of Technology at Adichunchanagiri University (ACU) of Karnataka, India	International Journal of Research in Library Science (IJRLS)	2022-23
8.	Dr B K Narendra	Satisfaction about online teaching apps vs. demographic variables by faculty of Adichunchanagiri University (ACU), Karnataka, India: A Study	Towards Excellence	2022-23
9.	Dr T Mahadevaiah	Application and validation of internally cured concrete strength characteristics by machine learning	Materials Today: Proceedings	2022-23
10.	Akshay Kumar H S	An Experimental Study on Properties of Concrete by Partial Replacement of Sugarcane Bagasse Ash and Glass Powder	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022-23

11.	Uma A	Analysis of RC Building for Different Seismic zone with Braced and Unbraced system	International Journal of Scientific Research in Engineering and Management (IJSREM)	2022-23
12.	Gagan Krishna R R	Analysis and design of multi storey building with grid slab subjected to seismic loading	AIP Conference Proceedings	2022-23
13.	Akshay Kumar H S	An Experimental Study on Partial Replacement of Cement by Dolomite Powder	IJRASET	2022-23
14.	Deviprasad	An Experimental Study on optimizing Wastewater Filtration through Conventional and Capped Rapid Sand Filter	IJRASET	2022-23
15.	Anusha P	Utilization of waste plastic in the manufacturing of bricks	IRJMETS	2022-23
16.	Uma A	An Experimental Study of Transparent Concrete by Using Optical Fibers	IJRASET	2022-23
17.	Gagan Krishna R R	Experimental Investigation on Brick with the Partial Replacement of Coconut Fibre	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022-23
18.	Dr B K Narendra	Litter Classification based on Convnet Artificial Neural Networks	Grenze International Journal of Engineering and Technology	2022-23
19.	Dr B K Narendra	Experimental Investigation on Zirconia Reinforced Aluminium 6061 Metal Matrix Composite	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2021-22

20.	Dr B K Narendra	3 body abrasive behaviour of al6061-wc metal matrix composite	Journal of Emerging Technologies and Innovative Research (JETIR)	2021-22
21.	Dr B K Narendra	Study on Mechanical Properties of hBN Reinforced Al-7075 Metal Matrix Composite	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2021-22
22.	Dr B K Narendra	Seismic Behavior of Flat Slab for Optimum Location of Bracings	IOP Conference Series: Earth and Environmental Science	2021-22
23.	Dr B K Narendra	Study on Dynamic Behaviour of Irregular R.C Framed Structures with Different Location of Shear Walls	IOP Conference Series: Earth and Environmental Science	2021-22
24.	Dr B K Narendra	Mechanical Behavior of CNT reinforced PETG based Nanocomposite developed by Fused Filament Fabrication	International Journal of Mechanical Engineering	2021-22
25.	Dr B K Narendra	Structural Analysis of RC Buildings with Re-entrant Corners Using ETABS	Lecture Notes in Civil Engineering book series	2021-22
26.	Dr B K Narendra	An Ambient Noise Analysis Predictive Model for Bengaluru Metropolis Using Noise Descriptors	IEEE International Conference Computation System and Information Technology for Sustainable Solutions	2021-22
27.	DrShruthi R	Effect of HRT and seasons on the performance of pilot-scale horizontal subsurface flow constructed wetland to treat rural wastewater	Water Practice & Technology	2021-22

28.	DrShruthi R	Investigation on the performance evaluation of vertical subsurface flow constructed wetland for the treatment of rural wastewater	Water Science & Technology	2021-22
29.	Mahalingegowda H R	Investigation on Strengthening Methods for Progressive Collapse Resistance of RC Flat Slab Buildings under Different Seismic Zones	Design Engineering	2021-22