



SETHU INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)

Pulloor - 626 115, Kariapatti (TK), Virudhunagar District.



Department of Civil Engineering

Journal Publications

Academic Year 2024 – 2025

1. Manikandan S, S.Bhrathi, "Experimental Analysis of Abrasion Resistance in Paver Block with Nano Particle Additive", International Journal of Engineering Technology and Management Sciences [IJETMS] eISSN: 2581-4621 Issue 6, June 2021.
[DOI: 10.21275/MR21529122334](https://doi.org/10.21275/MR21529122334).
2. Mr.Mohamed Meera Maidheen, Dr.A.M.Arunmohan, Mr.A.Yogaprasanna "Strength Parameters of Paver Blocks with Wood Dust and Rubber Pieces" International Journal of Engineering Technology and Management Studies, Issue:2, Vol 9, ISSN 2581-4621 ,Mar-Apr 2025. [DOI:10.46647/ijetms.2025.v09i02.053](https://doi.org/10.46647/ijetms.2025.v09i02.053)
3. Anandh Babu Malayali , Venkatesh R, Sulaiman Ali Alharbi , M.A. Kalam , Hybridization of concrete by the inclusions of kaolin, alumina and silica fume: Performance evaluation, Volume 10, Issue 9, 15 May 2024, e30674.
<https://doi.org/10.1016/j.heliyon.2024.e30674>
4. Anandh Babu Malayali , Venkatesh R , A.H. Seikh , A. Iqbal,, Investigation and performance analysis of eco-friendly coco fiber concrete hybridized with CNT blend, Volume 10, Issue 12, 30 June 2024, e33031. <https://doi.org/10.1016/j.heliyon.2024.e33031>
5. MD. Tanweer Alam; B V Krishnaveni; M. Anandh Babu; Mohhamied Husaein Sallaah; Avvari Pavithra; Smart Cities Threat Intelligence Driven by Artificial Intelligence for Enhanced Cyber Resilience Using Federated Learning, International Conference on Computational Innovations and Engineering Sustainability (ICCIES) 24-26 April 2025.
[DOI: 10.1109/ICCIES63851.2025.11032508](https://doi.org/10.1109/ICCIES63851.2025.11032508)



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6. Jegan J, Anitha P, Logaraja R. Comprehensive study on thermal properties and application of phase change materials in construction. Journal of Building Pathology and Rehabilitation. 2025 Jun;10(1):31.
7. K. N. V. Lakshmi; R. E. Ugandar, B. Palanikumar ,Investigation on the mechanical properties of AA6063/Sic/Tio2 nano hybrid metal matrix composites, The journal of chemical physics, AIP Conf. Proc. 3270, 020244 (2025), Volume 3270, Issue 1,11 April 2025. <https://doi.org/10.1063/5.0261758>
8. C. Sailaja; A. Chandrashekhar; Ismail Kakaravada; B. Palanikumar, Statistical analysis of wear behavior in AZ63 magnesium alloy hybrid composites reinforced with WC and graphite: A Taguchi technique approach, The journal of chemical physics, AIP Conf. Proc. 3270, 020244 (2025), Volume 3270, Issue 1,11 April 2025. <https://doi.org/10.1063/5.0261760>
9. Jemal Mohammed; M. Durga; Jeswin Arputhabalan; B. Palanikumar, Enhancing mechanical properties of hemp fibre/epoxy hybrid nanocomposites through response surface methodology, The journal of chemical physics, AIP Conf. Proc. 3270, 020248 (2025), Volume 3270, Issue 1,11 April 2025. <https://doi.org/10.1063/5.0261761>
10. P. Rajeswaran, A Review on Strengthening of Rc Cylinder Elements Using Basalt Fiber Reinforced Polymer Composites, DOI URL:<http://dx.doi.org/10.21474/IJAR01/20623>
11. S.Bharathi, Experimental Analysis Of Abrasion Resistance in Paver blocks With Nano-Particle Additive, ijetms.in Issue: 2 Volume No.9 March - April - 2025, [DOI:10.46647/ijetms.2025.v09i02.116](https://doi.org/10.46647/ijetms.2025.v09i02.116) ISSN: 2581-4621



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12. S.Bharathi, Analyzing the System Dynamics Model to Forecast Madurai City Accidents, JOURNAL OF COMPUTER SCIENCE (ISSN NO: 1549-3636) VOLUME 18 ISSUE 02 FEBRUARY 2025.

13. S.Bharathi, Accident Analysis and Costing Model Using System Dynamics, JOURNAL OF COMPUTER SCIENCE (ISSN NO: 1549-3636) VOLUME 17 ISSUE 12 DECEMBER 2024.

14. Mr.Mohamed Meera Maidheen, Dr.A.M.Arun mohan, Mr. M.Kesavan, Dr.K.Arumugam,Ms.S.Anbumeena, EXPERIMENTAL ANALYSIS OF CONCRETE WITH RICH MINERAL SILICA ADDITIVES, International Journal of Engineering Technology and Management Sciences, [DOI:10.46647/ijetms.2025.v09i02.049](https://doi.org/10.46647/ijetms.2025.v09i02.049) ISSN: 2581-4621.

15. Dr.A.M.Arun Mohan, Mr.Mohamed Meera Maidheen, Experimental study on light weight Paver Block by Partially replacing binding material, cuestionesdefisioterapia, Vol. 54 No. 4 (2025): Year 2025, Volume 54, Issue 4, [DOI: https://doi.org/10.48047/CU](https://doi.org/10.48047/CU)