

STUDENT PUBLICATIONS

Department of Civil Engineering

ACADEMIC YEAR July'25-June'26

Sl No.	Name of Author	Title of paper	Particulars(Name of Conference/journal)	Venue/link (Mention if online)	Month-Year
1	Sruthy M R, Aswathi A V, Athitha A, Sreeshaig K	Sustainable Rainwater Management for Climate Resilient Campus Infrastructure	International Conference on Resilient Infrastructure and Sustainable Engineering	Mar Athanasius College of Engineering, Kothamangalam	May-26
2	Dr. Nisha Luckins, Sruthy Robert, Basil M. Binu	Assessment of Weathering of Microplastics: A Case Study on River Kadambayar	Water, Air, & Soil Pollution An International Journal of Environmental Pollution	https://link.springer.com/article/10.1007/s11270-025-08980-2	Jan-26
3	Nitu Haridas, Dr. Nisha Luckins	Sediment Transport Modelling Using HEC-HMS for Kadambayar Watershed	Exploring Emerging Trends in Civil Engineering Volume 2	https://link.springer.com/chapter/10.1007/978-981-95-1495-3_4	Nov-25
4	Dr. Lakshmi Priya, Akshay Ajith, Blessy Grace, Christeena Maria Paul, Geo Antony	Geochemical Distribution and Environmental Risk Assessment of Heavy Metals in an Urban Water Body	Exploring Emerging Trends in Civil Engineering Volume 2	https://link.springer.com/chapter/10.1007/978-981-95-1495-3_18	Nov-25
5	Arsha K J, Dr. Lakshmi Priya	Source Apportionment of Heavy Metals in Sediments of an Industrial Belt in Kochi (India) Using Positive Matrix Factorization	Soil and Sediment Contamination: An International Journal	https://www.tandfonline.com/doi/abs/10.1080/15320383.2025.2564861	Sep-25

ACADEMIC YEAR July'24-June'25

Sl No.	Name of Author	Title of paper	Particulars(Name of Conference/journal)	Venue/link (Mention if online)	Month-Year
1	Praseeja A V, Karen Mary	Urban sprawl mapping: A case study of Ernakulam district	7th international conference of modeling and simulation in civil engineering (ICMSC 2024)	TKM Kollam	Dec-24
2	Praseeja A V, Shahana Yonus	Monitoring of groundwater level fluctuation in Chittur, Palakkad	International Journal of Energy and water resources (IJEWR)	https://doi.org/10.1007/s42108-024-00325-9	Dec-24
3	Adwaith B, Merin Mathew, Ratish Menon	Optimisation of time-integrated sediment sampler and sediment characterization	38th National convention of environmental engineers	The Institution Of Engineers India Kochi Local Center, Kaloor	Aug-24
4	Praseeja A V, Anjali A M	Numerical modeling of seawater intrusion in coastal areas in Kochi	38th National convention of environmental engineers	The Institution Of Engineers India Kochi Local Center, Kaloor	Aug-24

ACADEMIC YEAR July'23-June'24

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1	Sruthy Robert, Jude V. Mechery, Dr. Ratish Menon, Dr. Nisha L	Preliminary assessment and risk analysis of an uncontrolled open dumping site as a major source of heavy metal pollution to an urban water body	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23
2	Nayana M. Benoy, Jerry Anto	A critical review on the behaviour of steel fibre reinforced light weight aggregate concrete with graphene oxide.	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23
3	Anjana Raghavan, Jerry Anto	Enhancement of performance of coastal structures using dredged sand and graphene oxide-A critical review.	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23
4	Dr. Ratish Menon, Arathi M. Nair	Exposure assessment of fecal contamination using sanipath exposure assessment tool in Kerala, India	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23
5	Muhammed Lamy Puthenpurayil Jama, Nanditha Mohan	A critical review on RC hollow Segmented Column for bridge	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23
6	Aishwarya Ajay, Nanditha Mohan	A critical review on Behaviour of C section with Rivet Fastened RHFCB with web opening subjected to web crippling	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23

7	Namitha Raveendran, Geethu R Babu	A Critical Review on Using Concrete Filled Steel Tubular Column with Artificial Damage Scenario	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23
8	Alna D. Manjaly , Geethu R Babu	A critical review on behaviour of Cold Formed Steel encased Hot Rolled Steel sections	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23
9	Navya V. Nair, Dr. Sanju Sreedharan	Plant microbial fuel cell for the effective utilization of wastewater and bioenergy production	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23
10	Sooraj Shine, Tenu Syriac	A Critical Review on Structural Performance of Superframed Diagonally Linked Conjoined Structure	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23
11	Meera Sasi Sankaramangalath, Tenu Syriac	A critical review on study of encased checkered steel plate and aramid fibre composite beams	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23
12	Agnes Jose, Tenu Syriac	A Critical Review on Numerical Investigation of Truss And Wall Concepts In Outrigger System	AIP Conference Proceedings - Proceedings of International Conference on Innovations in Civil Engineering-ICICE 2022	Online	Sep-23

13	Sona B K, Akhila A M, Deeraj A D	Flood-induced Changes in Soil Properties – A Review	Proceedings of the 7th Biennial International Conference On Emerging Trends in Engineering, Science & Technology (ICETEST 2023)	Online	Jul-23
14	Nizwin K S, Anju Mary Ealias	Seismic Analysis of an optimised energy dissipating shear key	International Journal of Scientific Research in Engineering & Technology	Vidya Academy of Science and Technology	Jun-24

ACADEMIC YEAR July'22-June'23

Sl No.	Name of Author	Title of paper	Particulars(Name of Conference/journal)	Venue/link (Mention if online)	Month-Year
1	Ms. Thushara Sudheesh, Mtech EEE	Assessment of Urban air quality from twitter communication using self attention network and the multi layer classification model	Environmental Science and Pollution Research	https://doi.org/10.1007/s11356-022-22836-w	Sep-22
2	Ms. Anupama S and Thushara Sudheesh, MTech EEE	Micro-plastics in the Vicinity of an Urban Solid Waste Management Facility in India: Assessment and Policy Implications	Bulletin of Environmental Contamination and Toxicology	https://doi.org/10.1007/s00128-022-03588-2	22-Aug
3	Ms. Nasna Muhammed, Ms. Lakhshmi Anil, Btech, Batch 15	Impacts of Flood on Water Quality of Periyar River and Remediation Using Natural Fibers	J. Natural fibers, Taylor & francis	https://doi.org/10.1080/15440478.2022.2057382	22-Apr