

FACULTY PUBLICATIONS					
Department of Civil Engineering					
ACADEMIC YEAR July'25-June'26					
Sl No.	Name of faculty	Title of paper	Particulars(Name of Conference/journal)	Venue (Mention if online)	Month-Year
INTERNATIONAL CONFERENCE					
1	Dr. Praseeja A V	Design Rationale and Performance Evaluation of a Laboratory-Scale Column test for Hydrodynamic Dispersion Studies	International Conference on Structural Engineering and Construction Mangement	Federal Institute of Science And Technology	Jun-26
2	Sruthy Robert	Preliminary Assessment of Stormwater Flooding in an Urban Area Using MIKE URBAN+ : A Case Study of Kalamassery Municipality, Kerala, India	Lecture Notes in Civil Engineering ((LNCE,volume 740)) International Conference on Modeling and Simulation in Civil Engineering	Kollam	Jan-26
3	Sruthy Robert	Development of a Deep Learning Algorithm for Size Classification of Indoor Microplastics Pg 56	Healthy Buildings 2025 International Conference, Hyderabad 2025	Hyderabad	Feb-26
NATIONAL CONFERENCE					
1	Dr. Praseeja A V	Numerical Modelling of Seawater Intrusion in Coastal Areas of Kochi	39th National Convention of Civil Engineers	Kochi	Oct 17-18, 2025
2	Sruthy Robert	Sustainable Wastewater Management Through Nature-Based Solutions in an Educational Institution: A Case Study from Kochi, India	Exploring Emerging Trends in Civil Engineering Volume 2 Part of the book series: Lecture Notes in Civil Engineering 39th National Convention of Civil Engineers 2024, Kochi	Kochi	1-Nov-25
3	Dr.Nisha.L	Sediment transport modelling using HEC-HMS for Kadambayar watershed	39th National Convention of Civil Engineers	Kochi	Oct 17-18, 2025
4	Dr Sanju Sreedharn	Influence of Anode Configuration on the Microbial Fuel Cell Treatment of Coconut Industry Wastewater	40th National Convention of Architectural Engineers, organised by The Institution of Engineers (India), Kochi Local Centre	Kochi	Oct 9-10, 2025
JOURNAL PUBLICATION					
		Geochemical Distribution and Environmental Risk Assessment of Heavy Metals in an Urban Water Body	Lecture Notes in Civil Engineering	https://doi.org/10.1007/978-981-95-1495-3_18	Nov-25

1	Dr. Lakshmi Priya	Assessing Liability Through Source Apportionment of Environmental Contaminants Using Monte Carlo Simulation	Environmental Claims	https://doi.org/10.1080/10406026.2025.2601002	Dec-25
		Environmental Crime Scene Investigation: Processes and Practices	Springer Briefs in Criminology	https://doi.org/10.1007/978-3-032-10205-8_2	Feb-26
		ENVIRONMENTAL LIABILITY ALLOCATION - PRINCIPLES	Detritus	https://doi.org/10.31025/2611-4135/2026.19575	Mar-26
2	Dr. Akhila M	Flood-Induced Changes in Soil pH and Cadmium Mobility in Different Soil Types	Lecture Notes in Civil Engineering	https://doi.org/10.1007/978-981-95-1726-8_10	Jan-26
3	Geethu R Babu	Blast resistance of sandwich structures with auxetic double arrowhead cores	Pollack Periodica • An International Journal for Engineering and Information Sciences	https://doi.org/10.1556/606.2025.01272	Sep-25
4	Dr.Nisha L, Sruthy Robert	Assessment of Weathering of Microplastics: A Case Study on River Kadambrayar	Water, Air, & Soil Pollution	https://doi.org/10.1007/s11270-025-08980-2	Jan-26
5	Dr. Praseeja A V	Numerical Modelling of Seawater intrusion in coastal areas of Kochi	Lecture Notes in Civil Engineering	https://doi.org/10.1007/978-981-95-1495-3_18	Nov-25
6	Remya Y K	A study on operating speed of trucks on rural horizontal curves: Effect of load and geometry	Lecture Notes in Civil Engineering	https://doi.org/10.1007/978-981-95-3204-9_24	Jan-26

ACADEMIC YEAR July'24-June'25

Sl No.	Name of faculty	Title of paper	Particulars(Name of Conference/journal)	Venue (Mention if online)	Month-Year
INTERNATIONAL CONFERENCE					
1	Sruthy S	Threat assessment of water distribution network in a semiurban area of Kerala	International Conference on Innovative Practices in Sustainable Engineering and Technology (IC-IPSET'24) . ISBN:978-81-979605-1-2	Online	Jul-24
2	Tennu Syriac	Effectiveness of Autonomous Self-Healing in High-Performance Concrete Exposed to Freeze-Thaw Cycles	Proceedings of SECON'24, Lecture Notes in Civil Engineering Volume 607, https://doi.org/10.1007/978-3-031-70431-4_40	Online	Jul-24

3	Akhila M	Flood induced changes in soil pH and Cadmium mobility in different soil types	7th international conference of modeling and simulation in civil engineering (ICMSC 2024)	TKM Kollam	Dec-24
4	Remya Y K	A study on operating speed of trucks on rural horizontal curves: Effect of load and geometry	7th international conference of modeling and simulation in civil engineering (ICMSC 2024)	TKM Kollam	Dec-24
NATIONAL CONFERENCE					
1	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
2	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
JOURNAL PUBLICATION					
1	Merin Mathew, Ratish Menon, Sunny George, John Tharakan	Impact of Service Learning Projects on Student Self-Assessment of AICTE Outcomes Achievement	International Journal for Service Learning in Engineering, Humanitarian Engineering and Social Entrepreneurship	DOI: https://doi.org/10.24908/ijse.v19i2.17184	Dec-24
2	Remya Y K, Anitha Jacob, Subaida E A	Development of lateral acceleration prediction models and consistency evaluation criteria for horizontal curves with gradient on two lane rural highways	Traffic Injury Prevention, Taylor and Francis	https://doi.org/10.1080/15389588.2024.2416463	Nov-24
3	Praseeja A V, Shahana Yonous	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
4	Lakshmi Priya, Abinaya Sekar, Biju M. S., George K. Varghese	LEVERAGING ENVIRONMENTAL FORENSIC EXPERTISE FOR EFFICIENT POLLUTION LIABILITY ALLOCATION	Detritus	https://doi.org/10.31025/2611-4135/2025.19473	Mar-24
ACADEMIC YEAR July'23-June'24					
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INTERNATIONAL CONFERENCE					
1	Remya Y K	Rollover stability Analysis of Trucks: Effect of Curve Geometry and Operating speed	Lecture notes in Civil Engineering, Springer	https://doi.org/10.1007/978-981-99-2556-8_10	Jul-23

2	Dr. Akhila M	Effect of Fines on Static Liquefaction of Sand	Proceedings of the 7th Biennial International Conference On Emerging Trends in Engineering, Science &Technology (ICETEST 2023)	Government Engineering College, Thrissur	Jul-23
3	Dr. Akhila 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)	Government Engineering College, Thrissur	Jul-23
4	Dr. Ratish Menon	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	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			
6	Deeraj A D	Effect of diesel contamination on soil and its remediation			
7	Jerry Anto	Enhancement of performance of coastal structures using dredged sand and graphene oxide-A critical review.			
8	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		
9	Geethu R Babu	A critical review on behaviour of Cold Formed Steel encased Hot Rolled Steel sections			
10		A Critical Review on Using Concrete Filled Steel Tubular Column with Artificial Damage Scenario			
11	Nanditha Mohan	A critical review on RC hollow Segmented Column for bridge			
12		A critical review on Behaviour of C section with Rivet Fastened RHFCB with web opening subjected to web crippling			
13	Dr. Sanju Sreedharan	Plant microbial fuel cell for the effective utilization of wastewater and bioenergy production			

14	Tennu Syriac	A Critical Review on Structural Performance of Superframed Diagonally Linked Conjoined Structure			
15		A critical review on study of encased checkered steel plate and aramid fibre composite beams			
16		A Critical Review on Numerical Investigation of Truss And Wall Concepts In Outrigger System			
17	Ms Anju Mary Ealias	Seismic Analysis of an optimised energy dissipating shear key	International Jorنال of Scientific Research in Engineering & Technology	Vidya Academy of Science and Technology	Jun-24
JOURNAL PUBLICATION					
1	Dr. Lakshmi Priya	'Remediability Score' as a tool for selecting the most suitable remediation technology for contaminated sites	Environmental Science and Pollution Research (Springer)	https://doi.org/10.1007/s11356-023-31687-y	Dec-23
2	Dr. Lakshmi Priya	Source apportionment and pollution assessment of heavy metals in an urban waterbody wiley	Chemical Engineering & Technology.	https://doi.org/10.1002/ceat.202300408	Feb-24
ACADEMIC YEAR July'22-June'23					
Sl No.	Name of faculty	Title of paper	Particulars(Name of Conference/journal)	Venue (Mention if online)	Month-Year
INTERNATIONAL CONFERENCE					
1	Y K Remya	Rollover stability Analysis of Trucks: Effect of Curve Geometry and Operating speed	2nd International Conference on Transportation Infrastructure Projects: Conception to Execution	IIT Roorkee	Sep-22
NATIONAL CONFERENCE					
1	Dr. Rahul R. Pai	Resilient response of mechanical-cement stabilized laterite gravel	Indian Geotechnical Conference, 2022	Kochi	Dec-22
JOURNAL PUBLICATION					
1	Anju mary Ealias	A Case Study on Earthen Embankment Protection Techniques	International Journal of Research in Engineering and Science ,Volume 10, Issue 9	https://www.ijres.org/papers/Volume-10/Issue-9/1009359366.pdf	Sep-22
2	Rahul R Pai	Fatigue Response of Industrial Waste Mixes for Use as Cemented Base Materials in Flexible Pavement	International Journal of Geosynthetics and Ground Engineering	https://doi.org/10.1007/s40891-022-00407-w	Sep-22

3	Ratish Menon	Assessment of urban air quality from Twitter communication using self-attention network and a multilayer classification model	Environmental Science and Pollution Research	https://doi.org/10.1007/s11356-022-22836-w	Sep-22
4	Ratish Menon, Nisha L	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	Aug-22
5	Praseeja A V	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	Apr-22
6	Nisha L, Ratish Menon	Quality deterioration of an Indian urban water source near an open dumping site	IWA:Water Practice and Technology	https://doi.org/10.2166/wpt.2023.056	Mar-23