

**Details of Publications**  
**CAY m2 (2022-2023)**

S. No	Faculty Name	Publication Title	Title, Year, Vol, Issue, Page, Publisher	SCI/ Scopus / WoS, Quartiles	DoI	Is Available on online? (Yes/No)
<b>Journals</b>						
1	Dr.A.K.Priya	Existence of Ti <sup>3+</sup> and Dislocation on Nanoporous CdO–TiO <sub>2</sub> Heterostructure Applicable for Degrading Chlorophenol Pollutant	Environmental Research, 2022, Vol. 214, no. 2, pp.113889, Academic Press inc.	SCI / Q1	<a href="https://doi.org/10.1016/j.envres.2022.113889">https://doi.org/10.1016/j.envres.2022.113889</a>	Yes
2	Dr.A.K.Priya	A Critical and Recent Developments on Adsorption Technique for Removal of Heavy Metals from Wastewater - A Review	Chemosphere, 2022, Vol. 303, no. 2, pp.135146, Elsevier	SCI / Q1	<a href="https://doi.org/10.1016/j.chemosphere.2022.135146">https://doi.org/10.1016/j.chemosphere.2022.135146</a>	Yes
3	Dr.A.K.Priya	Heavy Metal Remediation from Wastewater Using Microalgae: Recent Advances and Future Trends	Chemosphere, 2022, Vol. 305, pp.135375, Elsevier	SCI / Q1	<a href="https://doi.org/10.1016/j.chemosphere.2022.135375">https://doi.org/10.1016/j.chemosphere.2022.135375</a>	Yes

4	Dr.A.K.Priya	Sustainable Applicability and Environmental Impact of Wastewater Treatment By Emerging Nanobiotechnological Approach: Future Strategy for Efficient Removal of Contaminants and Water Purification	Sustainable Energy Technologies and Assessments, 2022, Vol. 53, Part A, pp.102484, Elsevier	SCI / Q1	<a href="https://doi.org/10.1016/j.seta.2022.102484">https://doi.org/10.1016/j.seta.2022.102484</a>	Yes
5	Dr.A.K.Priya	Exploration of Effective Bio refinery Approach to Obtain The Commercial Value - Added Products From Algae	Sustainable Energy Technologies and Assessments, 2022, Vol. 53, Part A, pp. 102450, Elsevier	SCI / Q1	<a href="https://doi.org/10.1016/j.seta.2022.102450">https://doi.org/10.1016/j.seta.2022.102450</a>	Yes
6	Dr.A.K.Priya	Biosorption of Heavy Metals By Microorganisms: Evaluation of Different Underlying Mechanisms	Chemosphere, 2022, Vol. 307, Part 4, pp.135957, Elsevier	SCI / Q1	<a href="https://doi.org/10.1016/j.chemosphere.2022.135957">https://doi.org/10.1016/j.chemosphere.2022.135957</a>	Yes
7	Dr.A.K.Priya	The Influence of Hetero Structured TiO <sub>2</sub> /ZnO Nanomaterials for The Removal of Azo Dye Pollutant	Chemosphere, 2022, Vol.308, Part 1, pp.136161, Elsevier	SCI / Q1	<a href="https://doi.org/10.1016/j.chemosphere.2022.136161">https://doi.org/10.1016/j.chemosphere.2022.136161</a>	Yes
8	Dr.S.Kanmani	Emerging Applications, Reactor Design and Recent Advances of Electro coagulation Process	Process Safety and Environmental Protection, 2022, Vol. 166, pp. 600-616, institution of Chemical Engineers	SCI / Q1	<a href="https://doi.org/10.1016/j.psep.2022.08.051">https://doi.org/10.1016/j.psep.2022.08.051</a>	Yes

9	Dr.K.S.Elango	Strength, Durability and Microstructural Properties of Geopolymer Concrete - A Review	The INDIAn Concrete Journal, 2022, Vol. 96, no. 4, pp. 1-18, Associated Cement Companies Ltd.	Scopus / Q3	<a href="https://www.icjonline.com/editionabstract_detail/062022">https://www.icjonline.com/editionabstract_detail/062022</a>	Yes
10	Dr.S.Kanmani	Leachate Transport Phenomenon on Groundwater Quality: Modeling Using Modflow And MT3DMS Tools	Global NEST Journal, 2023, Vol. 25, no 3, pp. 44-55	SCI / Q3	<a href="https://doi.org/10.30955/gnj.004564">https://doi.org/10.30955/gnj.004564</a>	Yes
11	Dr.S.Kanmani	Assessment of Groundwater Quality In and Around The Solid Waste Dump Site Using Multivariate Plot Analysis	Global NEST Journal, 2023, Vol. 25, no. 5, pp.162 - 173	SCI / Q3	<a href="https://doi.org/10.30955/gnj.004766">https://doi.org/10.30955/gnj.004766</a>	Yes
12	Dr.V.Rajeshkumar	Enhancement of Adsorption Efficiency By Surface Modified Avocado Seed for Xylene Removal	Global NEST Journal, 2023, Vol. 25, no. 3, pp 130-138	SCI / Q3	<a href="https://doi.org/10.30955/gnj.004591">https://doi.org/10.30955/gnj.004591</a>	Yes
13	Dr.V.Rajeshkumar	Adsorption of Cationic Dye (Red 95) From Aqueous Solution By Biosynthesized Nano Particle of Cuminum Cuminum	Global NEST Journal, 2023, Vol. 25, no. 5, pp 1-10	SCI / Q3	<a href="https://doi.org/10.30955/gnj.004749">https://doi.org/10.30955/gnj.004749</a>	Yes

Conference Proceedings

14	Dr.G.Anusha	Study on Paver Blocks Using Waste Plastics and Sugarcane Bagasse Ash	Materials Today: Proceedings, 2022, Vol. 68, Part 6, Pages 2088-2092, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.08.367">https://doi.org/10.1016/j.matpr.2022.08.367</a>	Yes
15	Mr.S.Vinoth	Double Skin Rubberized Steel Fiber Mixed Composite Column	Materials Today: Proceedings, 2022, Vol. 68, Part 6, Pages 2175-2181, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.08.418">https://doi.org/10.1016/j.matpr.2022.08.418</a>	Yes
16	Mr.S.Yuvaraj	Influence of Corrosion Inhibitors in Reinforced Concrete – A State of Art of Review	Materials Today: Proceedings, 2022, Vol. 68, Part 6, Pages 2406-2412, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.09.118">https://doi.org/10.1016/j.matpr.2022.09.118</a>	Yes
17	Dr.V.Rajeshkumar	A Review on Effects on CBR Value By Using Geosynthetics	Materials Today: Proceedings, 2022, Vol. 68, Part 6, Pages 2479-2483, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.09.176">https://doi.org/10.1016/j.matpr.2022.09.176</a>	Yes
18	Ms.B.S.Meenakshi	Potential Usage of e-Waste as Tiles With Latex Coating	Materials Today: Proceedings, 2022, Vol. 68, Part 6, Pages 2111-2114, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.08.372">https://doi.org/10.1016/j.matpr.2022.08.372</a>	Yes
19	Dr.R.Dharmaraj	Effect of Organic Inhibitor on The Corrosion Behaviour of Reinforced Cement Concrete	Materials Today: Proceedings, 2022, Vol. 68, Part 6, Pages 2515-2519, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.09.353">https://doi.org/10.1016/j.matpr.2022.09.353</a>	Yes

20	Dr.R.Dharmaraj	Study of impact of crumb rubber used as an aggregate in concrete mix	Materials Today: Proceedings, 2022, Vol. 68, Part 6, Pages 2104-2110, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.08.371">https://doi.org/10.1016/j.matpr.2022.08.371</a>	Yes
21	Dr.R.Dharmaraj	Strength Characteristics Properties of Papaya Leaf Extract As Green Inhibitor in Concrete	Materials Today: Proceedings, 2022, Vol. 68, Part 6, Pages 2368-2374, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.09.104">https://doi.org/10.1016/j.matpr.2022.09.104</a>	Yes
22	Dr.R.Dharmaraj	An Experimental Investigation on Improvement of Concrete Serviceability By Using Ferro Sialate Based Bacterial Concrete Development	Materials Today: Proceedings, 2022, Vol. 68, Part 6, Pages 2292-2300, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.08.498">https://doi.org/10.1016/j.matpr.2022.08.498</a>	Yes
23	Mr.S.Elavarasan	Steel Fiber on The Recycled Aggregate Hardened Properties of Concrete	Materials Today: Proceedings, 2022, Vol. 68, Part 6, Pages 2159-2162, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.08.415">https://doi.org/10.1016/j.matpr.2022.08.415</a>	Yes
24	Mr.S.Elavarasan	Experimental Studies on Pervious Concrete Reinforced With Polypropylene Fiber	Materials Today: Proceedings, 2022, Vol. 68, Part 6, Pages 2280-2283, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.08.492">https://doi.org/10.1016/j.matpr.2022.08.492</a>	Yes
25	Dr.R.Dharmaraj	Resilience and Sturdiness Of The Foundry Sand as a Result of The Partial Substitution of Cement And Fine Aggregate	Materials Today Proceedings, 2022, Vol. 68, Part 6, pp. 2427-2434, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.09.143">https://doi.org/10.1016/j.matpr.2022.09.143</a>	Yes

26	Ms.P.Indhiradevi	Experimental Study of Paver Blocks Using Palm Shell and Coconut Shell	Materials Today Proceedings, 2022, Vol. 68, Part 6, pp. 2581-2585, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.09.420">https://doi.org/10.1016/j.matpr.2022.09.420</a>	Yes
27	Mr.V.Kavinkumar	Review on Strength And Durability Performance of Cenosphere and Flyash in Light Weight Concrete	Materials Today Proceedings, 2022, Vol. 68, Part 6, pp. 2605-2607, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.09.611">https://doi.org/10.1016/j.matpr.2022.09.611</a>	Yes
28	Mr.V.Kavinkumar	Development of Plastbrick Using Plastic Wastes & Pet Bottles	Materials Today Proceedings, 2022, Vol. 68, Part 6, pp. 2601-2604, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.10.011">https://doi.org/10.1016/j.matpr.2022.10.011</a>	Yes
29	Mr.D.Vivek	Influence of Prosopis juliflora Ash in Mechanical Properties of Concrete	Materials Today Proceedings, 2022, Vol. 80, Part 2, pp. 1168-1172, Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.12.127">https://doi.org/10.1016/j.matpr.2022.12.127</a>	Yes
30	Dr.G.Anusha	Experimental Investigation on Paver Block By Using Plastering Sand With Partial Replacement of Fine Aggregate	Mathematical Statistician and Engineering Applications, Vol. 71, Issue 4, Mathematical and Research Society (MRS)	Scopus / Q4	<a href="https://doi.org/10.17762/msea.v71i4.1541">https://doi.org/10.17762/msea.v71i4.1541</a>	Yes
31	Mr.S.Vinoth	Study on Flexural Strength of Beam Added With Slag Aggregate	Mathematical Statistician and Engineering Applications, 2022, Vol. 71, Issue 4, Mathematical and Research Society (MRS)	Scopus / Q4	<a href="https://doi.org/10.17762/msea.v71i4.1538">https://doi.org/10.17762/msea.v71i4.1538</a>	Yes

32	Dr.K.S.Elango	Comparative Analysis of Infiltration and Pore Clogging Effects in Pervious Concrete	Materials Today Proceedings, 2023, Available online 21 March 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.03.184">https://doi.org/10.1016/j.matpr.2023.03.184</a>	Yes
33	Dr.K.S.Elango	Geopolymer Concrete Reinforced ith Basalt Fibres: An Experimental Investigation	Materials Today Proceedings, 2023, Available online 21 March 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.03.143">https://doi.org/10.1016/j.matpr.2023.03.143</a>	Yes
34	Dr.K.S.Elango	Subgrade Soil Stabilization Using Coir and Polypropylene Strips	AIP Conference Proceedings, 2023, Vol. 2690, 020003, American INSTITUTEof Physics	Scopus	<a href="https://doi.org/10.1063/5.0121188">https://doi.org/10.1063/5.0121188</a>	Yes
35	Dr.S.Anandaraj	Experimental Investigation on Sugarcane Bagasse Fiber Reinforced Concrete Using Bottom Ash as Sand Replacement	Materials Today Proceedings, 2023, Available online 30 March 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.03.469">https://doi.org/10.1016/j.matpr.2023.03.469</a>	Yes
36	Dr.S.Anandaraj	Experimental Study on Luffa Fiber Reinforced Concrete Using Glass Powder as Cement Replacement	Materials Today Proceedings, 2023, Available online 31 March 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.03.501">https://doi.org/10.1016/j.matpr.2023.03.501</a>	Yes
37	Mr.S. Venkat Raman	Experimental Study on RPC Containing Zircon Sand and Sillimanite at Elevated Temperatures	Materials Today Proceedings, 2023, Available online 31 March 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.03.518">https://doi.org/10.1016/j.matpr.2023.03.518</a>	Yes
38	Mr.S.Yuvaraj	Nano powders as An Additive For Strength and Durability	Materials Today Proceedings, 2023, Available online 4 April	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.03.651">https://doi.org/10.1016/j.matpr.2023.03.651</a>	Yes

		Enhancement of Cement Composite: Review and Prospects	2023., Elsevier			
39	Ms.R.Kavitha	An Overview of Water Proofing System in Concrete Structures	Materials Today Proceedings, 2023, Available online 3 April 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.03.515">https://doi.org/10.1016/j.matpr.2023.03.515</a>	Yes
40	Mr.S.Yuvaraj	Performance Evaluation of Hybrid Fibers Strengthened Reinforced Concrete	Materials Today Proceedings, 2023, Available online 5 April 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.03.667">https://doi.org/10.1016/j.matpr.2023.03.667</a>	Yes
41	Mr.V.Kavinkumar	Strength of Light Weight Concrete Containing Fly Ash Cenosphere	Materials Today Proceedings, 2023, Available online 17 April 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.04.094">https://doi.org/10.1016/j.matpr.2023.04.094</a>	Yes
42	Mr.S.Yuvaraj	Enhancing Strength Properties By Incorporating Fly Ash For Sustainable Environment	Materials Today Proceedings, 2023, Available online 14 April 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.03.560">https://doi.org/10.1016/j.matpr.2023.03.560</a>	Yes
43	Ms.R.Kavitha	Structural Analysis And Design for a Warehouse Using Staad Pro	Materials Today Proceedings, 2023, Available online 3 May 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.04.479">https://doi.org/10.1016/j.matpr.2023.04.479</a>	Yes
44	Ms. S. Bharani	Experimental Investigation of Modified Bitumen in Flexible Pavements By Using Electronic Waste And High Impact Polystyrene	Materials Today Proceedings, 2023, Available online 10 May 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.04.599">https://doi.org/10.1016/j.matpr.2023.04.599</a>	Yes

45	Dr.R.Dharmaraj	Performance of Polypropylene Reinforced Self-Compacting Concrete	Materials Today Proceedings, 2023, Available online 5 May 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.04.316">https://doi.org/10.1016/j.matpr.2023.04.316</a>	Yes
46	Dr.R.Dharmaraj	High Performance Concrete Using Rice Husk Ash	Materials Today Proceedings, 2023, Available online 27 April 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.04.104">https://doi.org/10.1016/j.matpr.2023.04.104</a>	Yes
47	Dr.R.Dharmaraj	Partial Substitution of The Cement by Cinder Power in The Composition of High Strength Concrete (HSC)	Materials Today Proceedings, 2023, Available online 19 April 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.03.658">https://doi.org/10.1016/j.matpr.2023.03.658</a>	Yes
48	Dr.R.Saravanakumar	Effect of Super Absorbent Polymers in Properties of Self-Curing Concrete – A State of Art of Review	Materials Today Proceedings, 2023, Available online 18 May 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.05.117">https://doi.org/10.1016/j.matpr.2023.05.117</a>	Yes
49	Ms.B.S Meenakshi	X-Ray Diffraction Study on Microbial Calcite Precipitation In Concrete With Bacillus Subtilis and Bacillus Halodurans	Materials Today Proceedings, 2023, Available online 19 May 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.04.683">https://doi.org/10.1016/j.matpr.2023.04.683</a>	Yes
50	Ms.B.S Meenakshi	Ann Model Using Matlab In CFS - Concrete	Materials Today Proceedings, 2023, Available online 23 May 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.05.103">https://doi.org/10.1016/j.matpr.2023.05.103</a>	Yes
51	Mr.S. Elavarasan	A Review on Addition of Egg Shell Powder To CSEB Blocks	Materials Today Proceedings, 2023, Available online 20 April 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.03.718">https://doi.org/10.1016/j.matpr.2023.03.718</a>	Yes
52	Ms. S. Bharani	Experimental Analysis on Consumption of	Materials Today Proceedings, 2023, Available	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.05.023">https://doi.org/10.1016/j.matpr.2023.05.023</a>	Yes

		Manufacturing Waste In Road Construction And Its Environmental Effects	online 12 May 2023., Elsevier			
53	Mr.S. Logeswaran	Smart Materials For Construction of Bus Terminus in INDIA	Materials Today Proceedings, 2023, Available online 18 May 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.04.585">https://doi.org/10.1016/j.matpr.2023.04.585</a>	Yes
54	Ms. K. Dhivya	Steel Slag's Effect on Concrete Mechanical Properties and Durability	Materials Today Proceedings, 2023, Available online 24 May 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.05.330">https://doi.org/10.1016/j.matpr.2023.05.330</a>	Yes
55	Dr.R.Dharmaraj	Influences of MW on Cement Mortar Properties at Different Magnetic Exposure	Materials Today Proceedings, 2023, Available online 25 April 2023., Elsevier	Scopus	<a href="https://doi.org/10.1016/j.matpr.2023.04.065">https://doi.org/10.1016/j.matpr.2023.04.065</a>	Yes
<b>Book/Book Chapters</b>						
56	Dr. A. K. Priya	Effect of Organic Loading on Bioelectricity Generation Potential of Dual Chambered Microbial Fuel Cell Treating Chocholaterie Waste Water	AICHE – The Global home of Chemical Engineers, 2023, Wiley	Scopus	<a href="https://doi.org/10.1002/ep.14081">https://doi.org/10.1002/ep.14081</a>	Yes
✓ 57	Dr. A. K. Priya	Environmental Monitoring and Management	Emerging Technologies and Applications for a Smart and Sustainable World, 2022, pp.151-174, Bentham Science	Scopus	<a href="https://doi.org/10.2174/97898150362441220101">https://doi.org/10.2174/97898150362441220101</a>	Yes

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58	Dr. S. Kanmani	Investigation of Soil Characteristics In and Around the Open Dump Site Near Sathyamangalam	Transportation and Environmental Geotechnics, Lecture Notes in Civil Engineering, 2023, Vol.298, Springer	Scopus	<a href="https://doi.org/10.1007/978-981-19-6774-0_20">https://doi.org/10.1007/978-981-19-6774-0_20</a>	Yes
59	Dr. S. Kanmani	Bacterial Resistance to Antibiotics in Groundwater. Impact to the Public Health	Sustainable Materials: Processes, Technologies and Applications, 2023, pp.284-302, Bentham Science	Scopus	DOI: <a href="https://doi.org/10.2174/9789815123524123020012">10.2174/9789815123524123020012</a>	Yes

  
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