

**Dr.A.LATHA B.E.,M.E.,Ph.D**

Professor/Civil

Velammal College of Engineering and Technology, Madurai

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Blog Address:

**Educational Qualification:**

Category	Name of the Degree	Specialization	Year of passing	Name of the College	Name of the University	% of marks obtained	Class obtained
UG	B.E	Civil Engineering	2002	Mohamed Sathak Engineering college	Madurai Kamaraj University	81%	FWD
PG	M.E	Environmental Management	2005	College of Engineering Guindy	Anna University	84%	FWD
Ph.D.	Ph.D.	Environmental Engineering	2018	Sathyabama Institute of Science and Technology		Highly Commended	

**Experience in Years:21.5 Years****Employment History:****A. Academic Experience: 20 Years**

Name of the College	Designation	From	To	Experience (Years)
Velammal College of Engineering and Technology	Professor	06.12.2024	Till date	
Panimalar Engineering College	Professor	03.02.2020	29.11.24	3.8
Panimalar Engineering College	Associate Professor	11.07.2011	01.02.2020	9.7
Panimalar Engineering College	Lecturer/ Assistant Professor	02.06.2005	10.07.2011	6.1
Total				20

**B. Industrial Experience: 1 year 2 months**

Name of the	Designation	Nature of	Joining	Relieving	Experience
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Organization		Work	Date	Date	(Years)
Dhanalakshmi constructions private ltd	Design Engineer	Structural Design	01.05.2002	30.06.2003	1.2

**Interested Research Areas:Water treatment,Wastewater treatment,Solid waste management,Air and noise pollution management**

**Scholarships and Awards received:**

- Received the Best Teacher Award in the academic year 2011-2012 from Panimalar Engineering College, Chennai-123.
- Received Best Paper Award in the International Conference on ACECIM-14 from SRM University Chennai.
- Received Best Paper Award in the International Conference on ICSTBE- 2015 from Sathyabama University, Chennai.
- Received Best Paper Award in the International Conference on ACESE- 2016 Conducted by SRM University, Chennai, during July 30<sup>th</sup> March -1<sup>st</sup> April 2016.
- Received Best Paper Award in the International Conference on ICSTGE-2017 Conducted by Velammal Engineering College.
- Received Perasiriyar Kalaimani Award -2019.
- Received Asiriyar Arima Award-2020.
- Received Top most Cited Article in Environmental Quality Management Journal from WILEY.

**Funded Research Projects:**

Funding Agency: AICTE

Scheme: ATAL ONLINE FDP

Title:

Sanctioned Amount: Rs.1,00,000

Year: 2025

Principal Investigator(PI):Dr.R.Ganesan

Co-PI: Dr.A.Latha

**Patent rights received:**

1. Patent Published for the title of “**Hybird metal wood composite for civil Engineering Application**” Application No: 202141061114A dated **07.01.2022**.
2. Patent Published for the title of “**Treatment of Domestic Wastewater by Fenton Process and Bio adsorbent**” Application number:202441037341A on **24.05.2024**.

**Publications Details:** (will be either in Table (or) Paragraph starting with latest publication)

**1. Patent Journal Publication Details:**

**2. International Journal Publication Details:**

1. R. Ganesan, K. Thanasekaran, **A. Latha**,” Treatment of Textile dyeing Wastewater by Modified UV photo-Fenton process using a new catalyst/H<sub>2</sub>O<sub>2</sub>’International Journal of Emerging Technology and Advanced Engineering (ISSN 2250- 2459) Vol 4, No 4, pp.108-113 June 2014.
2. **A.Latha** Dr.P.Partheeban Dr.R.Ganesan Treatment of Textile Wastewater by Fenton and Electro-Fenton Process, “International Journal of Applied Engineering Research” (ISSN 0973- 4562) Vol 10, No 33, pp.24235- 24242,2015.
3. **A.Latha** Dr.P.Partheeban Dr.R.Ganesan “Treatment of Textile Wastewater by Electrochemical Method”, Inventi Rapid: Water & Environment”(ISSN 2229-7766) Vol.4.No.4 pp.1-4, 2015,
4. Dr.A.S.Kanagalakshmi, **A.Latha Ganesan**, V.Jayashree, J.CarolineSaro, “Experimental Analysis on improving concrete quality by using –SF Micro silica.” International Journal of Scientific & Engineering Research,Volume 6,Issue 1,January 2015.
5. **G. Latha**, V. Jayashree, R. Ramya “Decolourization Of textile effluent By Using Advanced Treatment Process: A Review” International journal of Emerging Trends in Science and Technology IJETST- Vol.03 Issue 03 Pages 261-266 March ISSN 2348-9480, 2016.
6. **A.Latha**, V.T.Anubharathi, C.Deepika, & R.Jayanthi “Assessment of Groundwater Quality at Avadi, Chennai”. International journal of Emerging Trends in Science and Technology.IJETSTVol.03 Issue 03 Pages 11-15 March 2016.
7. **A.Latha**, G.SaravanaRaj, G.Kaushik. S.K.Sabari “Treatment of Tannery Effluent by UASB Reactor method” International journal for Research in Applied Science & Engineering Technology. IJRASET,Vol 4,Issue 4,April 2016.

8. **A.Latha**, Dr.R.Ganesan, Dr.A.S.Kanagalakshmi "Treatment of water by using water softening Techniques for Iron removal" International journal of Emerging Trends in Science and Technology, IJETSTVol.03 Issue 03, March 2016.
9. **A.Latha**, G.Manosanjitha, P.Rupitha,M.Sangeetha "Treatment of car wash wastewater by Electrocoagulation using Moringa Olifera as a Absorbent-A Review. International journal of Emerging Trends in Science and Technology. Vol 4, Issue 2 PP 4981-4987,2017
10. **A.Latha**, S.Vanathi, K.Swathi "Treatment of Galvanized wastewater by Membrane Distillation with natural Adsorbent-A Review, International journal of Emerging Trends in Science and Technology.Vol 4,Issue 2 PP 4988-4993,2017.
11. **A.Latha**, R.Thoshiba, T.Panimalar "Adsorption of metal ions from Galvanised Wastewater-A Review" Imperial Journal of Interdisciplinary Research,Vol 3,Issue 3,2017.
12. **A.Latha** P.Partheeban, R.Ganesan "Treatment of Textile Dyeing Wastewater by Modified solar photo-Fenton and Sequential Batch Reactor "Wulfenia journal, Vol 24,No 3,PP 171-181,2017.
13. **A.Latha** P.Partheeban, R.Ganesan "Treatment of Textile Wastewater by Electrochemical Method" International journal of Earth sciences and Environment Vol 3,No 1, pp 146-149,2017.
14. **A.Latha**, M.C.Arivukarasi, C.M.Keerthana, R.Subashri, V.Vishnupriya "Paper and pulp Industry Manufacturing and Treatment Processes-A Review" International journal of Engineering Research & Technology ,Vol 6,Issue .02, 2018.
15. **A.Latha**, T.Oviya, K.Sandhiya "Treatment Technologies of Textile Dyeing Effluent-A Review" International journal of Engineering Research & Technology ,Vol 6,Issue .02, 2018.
16. **A.Latha**,V.Mahisha vardhini,R.Monisha,B.S.Bala shobika " Environmental impacts of sugarcane Industry-A Case study on Kurungulam Mills in Thanjavur, India" International journal of Engineering Research & Technology ,Vol 6,Issue .02, 2018.
17. **A. Latha** , P.Partheeban and R.Ganesan "Degradation of Reactive Dyes in Textile Dyeing Effluent by Fenton and Electro Fenton Processes" Ecology, Environment And Conservation, Vol 24(4), 2018.
18. **Dr.Latha.A**, princy.F, Hannah jerline.S, Nivashini.M "Study Of Traffic Noise Levels At Chennai City And Its Impact" Journal of Applied Science and Computations, Volume 4, Issue 4, April- 2019.

19. **Dr.A.Latha**, B.Gayathiri, C.Dhivya, K.Abarna "Analysis On Plastic Paver Blocks" Journal of Applied Science and Computations, Volume 4, Issue 4, April- 2019.
20. **Dr.Latha.A** , Filcitajeblin.P , Gomathi.G "Comparison Of EPS Panels And 3D Panels In Building Construction" Journal of Applied Science and Computations, Volume 4 Issue 4 ,April- 2019.
21. **Dr.A.Latha**, D.Dheepababhu, D.Sherlyneneomisulochana, Jayasudhasri P. "Design Of Self Loading Mixer For Low Profile Concrete" Journal of Applied Science and Computations, Volume 4, Issue 4, April- 2019.
22. **Dr. A.Latha** Hannah Jerline Nivashini.MPrincy.F and Ranjitha.N.S "Extraction of fuel from plastics by Pyrolysis technique" International Journal of Research and Analytical Reviews, Volume 7, Issue 2, April- 2020.
23. **Dr.A.Latha**,A.Mahendirakumar,M.Manigandan,N.Ponnivalavan,S.Surya"Assessme nt of Quality of water at vellavedu, Poonamalle "International Journal of Research and Analytical Reviews, Volume 7, Issue 2, April- 2020.
24. **Dr. A.Latha**,Agnes Beril. V, Jayabharathi. V and Nebi Sharon. R" Treatment of Textile Effluent using Tea Waste as Adsorbent" International Journal of Research and Analytical Reviews, Volume 7, Issue 2, April- 2020.
25. **Latha.A**ManjhuValliappan,Prithvi.S "Various Methods Involved In Waste Water treatment To Control Water Pollution" Journal of Emerging Technologies and Innovative Research (JETIR)Volume 8, Issue 4, May- 2021.
26. **A. Latha Ganesan**, A.Aishwarya, M.Hasanthika H.Naghina Baanu,P. Rubina Sweetlin "The Sky Bus Technology" Journal of Emerging Technologies and Innovative Research (JETIR) Volume 8, Issue 4, May- 2021.
27. **Dr.A.Latha**, Abithameenal.N, Priyadharshini.R, Kaviah.V, Abinaysini A," Comparative Study Of Water Quality Parameters In Guduvancherry, Urapakkam And Perungalathur Village Panchayats" Journal of Emerging Technologies and Innovative Research (JETIR) Volume 8, Issue 4, May- 2021.
28. **A Latha**, R Ganesan and MadhanKumar, "Analysis of Noise Pollution for an Educational Institution" ECS Transactions, 107 (1) 12609-12624 (2022).(**Scopus Indexed**)
29. **A Latha**, R Ganesan, Krisnakumariand Theerkadarsini, "Comparative Study of Organic Coagulants in Water Treatment" ECS Transactions, 107 (1) 7997-8007 (2022). (**Scopus Indexed**)

30. Krishnakumari B, Narayanan R.M, **A.Latha** and Sharankumar k "Groundwater Management in Chennai" ECS Transactions, 107 (1) 13593-13602 (2022). **(Scopus Indexed)**
31. **A.Latha**, A. Jananee M. Janani, and T.K. Sindhukavi, "Recycling Of Automobile Washwater- A Short Review" International Journal of Novel Research and Development, Volume 7, Issue 5 May 2022.
32. **A.Latha**, M. Alice Jesenth Rani, B. Nithiya, A.M. Preetha, and G. Harmithasree, "Waste Management Using IOT Applications-A review", International Journal of Novel Research and Development, Volume 7, Issue 5 May 2022.
33. **A.Latha**, V. Jayabalaji, M. Pradeep, M. Rahul " Analysis Of Experience Of Humans During And After Covid-19" International Journal Of Research And Analytical Reviews IJRAR October 2023, Volume 10, Issue 4
34. V.M. Arunadevi, R. Hemnath, A. Lokeshkumar, **A.Latha** " Assessment And Health Impacts Of Noise Pollution In Chennai- A Review" International Journal Of Research And Analytical Reviews IJRAR October 2023, Volume 10, Issue 4 <http://www.Ijrar.Org/Papers/Ijrar1ddp068.Pdf>
35. **A. Latha**, Keerthivasan . Sriram. I, Santhanakumar. M, Sribalaji. S " Production Of Biogas By Using Food Waste" International Journal Of Research And Analytical Reviews IJRAR October 2023, Volume 10, Issue 4.
36. **A.Latha**, M. Atchaya Dhevi, K. Adeline Henrietta, V. Pavatharani " Earthquake Resistant Structures: A Review" International Journal Of Research And Analytical Reviews IJRAR October 2023, Volume 10, Issue 4.
37. **A. Latha**, P. Kavitha Varshaa. A.S, Keerthana. P, Aarthi. S " Treatment Of Domestic Wastewater Using Natural Fibre: Cocos Nucifera - A Review" International Journal Of Research And Analytical Reviews IJRAR October 2023, Volume 10, Issue 4.
38. **Latha, A.**, Ganesan, R., Karthick, L., & Vadivukarasi, L. (2023). Experimental Investigation on Treatment of Textile dyeing effluent by Novel Electro-Fenton process integrated with Laboratory-scale Anaerobic Sequencing Batch Reactor. Biomass Conversion and Biorefinery, <https://doi.org/10.1007/s13399-023-04524-y>. **(SCI & SCOPUS Anna University Annexure 1)**
39. Arunkumar D, **Latha A**, Suresh Kumar S, Jasgurpreet Singh Chohan, Velmurugan G, Nagaraj M. (2023), Experimental Investigations of Flammability, Mechanical and Moisture Absorption Properties of Natural Flax/NanoSiO<sub>2</sub> Based Hybrid Polypropylene Composites, Silicon, <https://doi.org/10.1007/s12633-023-02611-3>. **(SCI & SCOPUS Anna University Annexure 1)**

40. **Latha, A.**, Ganesan, R., Sai Bharadwaj, A. V. S. L., & Barmavatu, P. (2023). An experimental investigation of textile dyeing wastewater using modified electro Fenton process with optimization by response surface methodology. *Environmental Quality Management*. <https://doi.org/10.1002/tqem.22135>. (**SCI & SCOPUS**)
41. Sivakumar, R., Ganesan, R., **Latha, A.**, Moolchandani, K., Sharma, A. K., Mishra, S. R. K., ... & Ayele, L. (2023). Experimental Analysis on the Feasibility of Bamboo Reinforcement in Concrete Mix Design and Comparison with Steel Reinforced Concrete. *Advances in Materials Science and Engineering*, 2023. Volume 2023, Article ID 6931291, 11 pages <https://doi.org/10.1155/2023/6931291>. (**Scopus Indexed**)
42. Bhat, S. S., Gummadi, A. K., **Latha, A.**, Ganesan, R., Jehad, M. H., Almashhadani, H. A., & Nayak, B. B. (2023) Electric Discharge Machining of AA7075/SICP/B4CP Hybrid Composites Machined with AL2O3 Mixed used Engine Oil Dielectric Fluid. *Current Materials Science*. 10.2174/2666145416666230504155532. (**Scopus Indexed**)
43. D. Anjan Kumar Reddy G. Rajesh, G. Anbuezhayan, A. Ponshanmugakumar, R. Ganesan, **A. Latha**, M. Satyanarayana Gupta, (2023) Investigating the mechanical properties of titanium dioxide reinforced magnesium composites, *Materials Today: Proceedings*. <https://doi.org/10.1016/j.matpr.2023.05.628>. (**Scopus Indexed**)
44. Jagath Narayana Kamineni G. Anbuezhayan J. Anichai, Ravish Sharma, R. Ganesan **A. Latha**, B. Nagaraj Gou, (2023) Investigation of the microstructure and mechanical properties of borosilicate reinforced magnesium nano composites. *Materials Today: Proceedings*. <https://doi.org/10.1016/j.matpr.2023.05.193>. (**Scopus Indexed**)
45. **A. Latha**, R. Ganesan, V. Govindaraj, P. Baraneedharan, (2023) Removal of toxic heavy metal ion from tannery effluent by using *Fusarium subglutinans* and *Hyllocereus undatus*, *Desalination and Water Treatment*. Volume 312, Pages 70 – 78. doi: 10.5004/dwt.2023.29952. (**SCI & SCOPUS Anna University Annexure 1**)
46. **A. Latha**, R. Ganesan, G. Venkatesan, B. Krishnakumari (2023) Comparison studies on treatment of automobile wash wastewater by filtration techniques using alum sugarcane bagasse and wood dust. *Desalination and Water Treatment*. 316, 160–167. <https://doi.org/10.5004/dwt.2023.30183>, (**SCI & SCOPUS Anna University Annexure 1**)
47. **Latha Asaithambi**, Venkatesan Govindaraj, Ganesan Ramachandran, Praveen Barmavatu, (2024) "Removal of turbidity from lake water using novel

Chrysopogon zizanioides and Hemidesmus indicus” Desalination and Water Treatment 317 (2024) 100245. <https://doi.org/10.1016/j.dwt.2024.100245>.  
**(SCI & SCOPUS Anna University Annexure 1)**

48. Praveen Kumar Balguri, **A. Latha**, Lakhvinder Kaur, · Rajesh Verma D. Sendil Kumar S. Ramasree Angajala Rama Krishna Manzoore Elahi M. Soudagar N Nagabhooshanam “Characterization of vinyl silane–treated areca nut woven fiber and bronze filler toughened polyester composite” *Biomass Conversion and Biorefinery*. <https://doi.org/10.1007/s13399-024-06088-x>. **(SCI & SCOPUS Anna University Annexure 1)**
49. Ganesan R , **Latha A**, Venkatesan G , Krishnakumari B “Treatment of textile dyes with steel flakes via Fenton and Electro-Fenton processes: An experimental analysis” Desalination and Water Treatment, 320, October 2024, 100837. <https://doi.org/10.1016/j.dwt.2024.100837>. **(SCI & SCOPUS Anna University Annexure 1)**
50. Ganesan Ramachandran,Latha Asaithambi, Partheeban Pachaivannan ,G. Venkatesan “A novel approach to sustainable water treatment utilising Cocos nucifera and Luffa acutangular” Desalination and Water Treatment 321 (2025) 101038, <https://doi.org/10.1016/j.dwt.2025.101038>. **(SCI & SCOPUS Anna University Annexure 1)**
51. Ganesan R, Latha A, Kavitha P.and Venkatesan G. “Experimental Investigation of Wastewater by Using Novel Borassus flabellifer Fiber and Cocos nucifera Fiber, Asian Journal of Water, Environment and Pollution, Vol. 21, No. 6 (2024), pp. 39-47.[DOI 10.3233/AJW240071](https://doi.org/10.3233/AJW240071).
52. P. Kavitha R. Ganesan, A. Latha, B. Krishnakumari and M. Mageswari “Utilizing Sophisticated Deep Learning Methods to Forecast Treatment Methods for Effluents Generated by the Paper and Pulp Industry”J. Environ. Nanotechnol., Vol. 14(1), 200-208 (2025). <https://doi.org/10.13074/jent.2025.03.2441043>
53. R. Ganesan ,A. Latha ,K. Yesuraj ,R. Mafaz Ahamed.” Solar photo-Fenton technology in conjunction with a sequential batch reactor for the degradation of textile dyeing effluent” Desalination and Water Treatment321(2025)100934.

### 3. International Conference Presentation Details:

1. R.Ganesan,K.Thanasekaran,A.Latha,” Treatment of Textile Dyeing Wastewater by Advanced Oxidation Processes-A Review” International Conference on Environment2008,15th -17th December2008, University Sains Malaysia(USM), Penang,Malaysia.



2. R.Ganesan, K.Thanasekaran,**A.Latha**” Treatment of Textile Dyeing Wastewater by Advanced Oxidation Processes-A Review” International Conference on Emerging Trends in Energy and Environment”7<sup>th</sup> and 8<sup>th</sup> January 2010, Sri Sairam Engineering College, Chennai, India.
3. R.Ganesan ,K.Thanasekaran,**A.Latha** ,“Decolourisation of Textile Dyeing Wastewater by Modified Solar photo-Fenton Oxidation” International Conference on Emerging Technologies in Renewable Energy, 18<sup>th</sup> -21<sup>st</sup> August 2010, College of Engineering Guindy, Anna university, Chennai, India.
4. R.Ganesan ,K.Thanasekaran,**A.Latha**, “ Treatment of Textile dyeing Wastewater by Modified UV photo-Fenton process using a new catalyst/H<sub>2</sub>O<sub>2</sub>” International Conference on Advances in Civil Engineering and Chemistry of Innovative Materials-(ACECIM14), 13<sup>th</sup> and 14<sup>th</sup> March 2014, SRM University, Ramapuram, Chennai, India.
5. **A.Latha**, Dr.P.Partheeban, “An overview of the integration of advanced oxidation technologies and other processes for industrial wastewater treatment “International Conference on Advances in Civil Engineering and Chemistry of Innovative Materials-(ACECIM14), 13<sup>th</sup> and 14<sup>th</sup> March 2014, SRM University, Ramapuram, Chennai, India.
6. **A.Latha**, R.Rajkumar, M.Sujith, S.Santhosh, J.Yuvanesh, “Evaluation of Decentralised composting system in Panimalar Engineering College.” International Conference on Environmental Management and Green Technologies, St.Peter’s College of Engineering and Technology, Avadi, Chennai-54, March 19-21, 2014.
7. **A.Latha**. V.Pavithra, P.Saraswathy. “Treatment of Textile Wastewater” International Conference on Environmental Management and Green Technologies, St.Peter’s College of Engineering and Technology, Avadi, Chennai-54, March 19-21, 2014.
8. R.Ganesan, K.Thanasekaran, **A.Latha**, “Sequential Modified Solar Photo-Fenton - Biological System For The Treatment Of Textile Dyeing Wastewaters” International Conference on Emerging Environmental & Advanced Oxidation Technologies for Energy, Environment and Sustainability (EEAOTEEES-2014) 29 - 30, September 2014, College of Engineering Guindy, Anna University, Chennai, India.
9. **A.Latha**, Dr.P.Patheeban, Dr.R.Ganesan, “Treatment of Textile Dyeing Wastewater by Modified Solar Photo-Fenton and Sequential Batch Reactor” International Conference on “Sustainable Technologies in Building & Environment” (ICSTBE 2015) 15-17, July 2015, Sathyabama University, Chennai, India.

10. **A.Latha**, Dr.R.Ganesan, Dr.A.S.Kanagalakshmi "Treatment of water by using water softening Techniques for iron removal". International conference on breakthrough in Engineering Science and Technology-2016(INC-BEST16) organizes by Institute of Engineering Research on 25th March 2016.
11. **A.Latha**, V.T.Anubharathi, C.Deepika R.Jayanthi. "Assessment of Groundwater Quality at Avadi, Chennai. International conference on breakthrough in Engineering Science and Technology-2016(INC-BEST16) organizes by Institute of Engineering Research on 25th March 2016
12. **A.Latha**, V.Jayashree, R.Ramya, "Decolourization of textile effluent by using Advanced Treatment process: A Review. International conference on breakthrough in Engineering Science and Technology-2016(INC-BEST16) organizes by Institute of Engineering Research on 25th March 2016.
13. **A.Latha**, G.SaravanaRaj, G.Kaushik, S.K.Sabari, "Treatment of Tannery Effluent by UASB reactor Method." International Conference on Theory and Practical Relation in Engineering" (ICTPRE-2016) Sponsored by International Institute for Research and Development in Engineering and Management on 27th March 2016.
14. R. Ganesan, **A.Latha**, " Treatment of Textile dyeing Wastewater by Modified UV photo-Fenton process using a new catalyst/H<sub>2</sub>O<sub>2</sub>" International Conference on Advances in Civil Engineering and Sustainable Construction-(ACSC'16), SRM University, Ramapuram, Chennai, India. April 30<sup>th</sup> – 1<sup>st</sup> 2016
15. **A.Latha** , P.Partheeban, R.Ganesan " Decolourisation of Textile Wastewater by Combined Anaerobic and Aerobic process-A Review" International Conference on Smart Technologies and Green Environment , Velammal Engineering College, March 24<sup>th</sup> .2017.
16. **A.Latha** , P.Partheeban, R.Ganesan "Degradation of reactive dyes in textile wastewater by Fenton and Electro-Fenton Processes" IEEE Second International Conference on Environmental Management and Green Technologies, St.Peter's College of Engineering and Technology, Avadi, Chennai-54, September 27-29, 2017.
17. **A.Latha**, M.C.Arivukarasi, C.M.Keerthana, R.Subashri, V.Vishnupriya "Paper and pulp Industry Manufacturing and Treatment Processes-A Review" International Conference for Phoenixes on Emerging current Trends in Engineering and Management (PECTEAM 2K18), Panimalar Engineering College, Chennai-123, Febuary 9-10, 2018.
18. **A.Latha**, T.Oviya, K.Sandhiya "Treatment Technologies of Textile Dyeing Effluent-A Review" International Conference for Phoenixes on Emerging current Trends in

Engineering and Management (PECTEAM 2K18),Panimalar Engineering College,Chennai-123,February 9-10,2018.

19. **A.Latha**,V.Mahisha vardhini,R.Monisha,B.S.Bala shobika “ Environmental impacts of sugarcane Industry-A Case study on Kurungulam Mills in Thanjavur,India”International Conference for Phoenixes on Emerging current Trends in Engineering and Management (PECTEAM 2K18),Panimalar Engineering College,Chennai-123,February 9-10,2018.
20. **A.Latha**,R.Keerthipriyadharshini, “Applications of Shape-Memory Alloys in the field of Civil Engineering” International conference on Engineering and Advancement in Technology(ICEAT-2018) Organized by organisation of Science and Innovative Engineering and Technology(OSIET) in association with Sri Krishna College of Technology,March 22-23,2018.
21. **Dr.Latha**.A, princy.F, Hannah jerline.S, Nivashini.M “Study Of Traffic Noise Levels At Chennai City And Its Impact” International Conference for Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K19),Panimalar Engineering College,Chennai-123,March 22<sup>nd</sup>& 23<sup>rd</sup>, 2019.
22. **Dr.A.Latha**, B.Gayathiri, C.Dhivya, K.Abarna “Analysis On Plastic Paver Blocks” International Conference for Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K19),Panimalar Engineering College,Chennai-123,March 22<sup>nd</sup>& 23<sup>rd</sup>, 2019.
23. **Dr.Latha.A** , Filcitajeblin.P , Gomathi.G “Comparison Of EPS Panels And 3D Panels In Building Construction” International Conference for Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K19),Panimalar Engineering College,Chennai-123,March 22<sup>nd</sup>& 23<sup>rd</sup>, 2019.
24. **Dr.A.Latha**,D.Dheepababhu, D.Sherlyneneomisulochana,Jayasudhasri P. “Design Of Self Loading Mixer For Low Profile Concrete” International Conference for Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K19),Panimalar Engineering College,Chennai-123,March 22<sup>nd</sup>& 23<sup>rd</sup>, 2019.
25. **Dr. A.Latha** Hannah Jerline Nivashini.MPrincy.F and Ranjitha.N.S “Extraction of fuel from plastics by Pyrolysis technique”International Conference for Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K20),Panimalar Engineering College,Chennai-123,March 6&7, 2020.
26. **Dr.A.Latha**,A.MahendirakumarM.ManigandanN.PonnivalavanS.Surya”Assessment of Quality of water at vellavedu, Poonamalle” International Conference for

Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K20),Panimalar Engineering College,Chennai-123,March 6&7, 2020.

27. **Dr. A.Latha**, Agnes Beril. V, Jayabharathi. V and Nebi Sharon. R” Treatment of Textile Effluent using Tea Waste as Adsorbent” International Conference for Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K20),Panimalar Engineering College,Chennai-123,March 6&7, 2020.
28. **Latha.A**,Manjhu Valliappan andPrithvi.S ‘Various Methods Involved In Waste Water Treatment To Control Water Pollution” International Conference for Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K21),Panimalar Engineering College,Chennai-123,March 26& 27, 2021.
29. **Dr.A Latha**, N Abithameenal, R Priyadharshini, V Kavia and A Abinayasini “Comparitive Study Of Water Quality Parameters In Guduvanchery, Urapakkam And Perungalathur Village Panchayats” International Conference for Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K21),Panimalar Engineering College,Chennai-123,March 26& 27, 2021.
30. **Latha.A**,Sri Gagana,Sylvia and Sushmitha Nancy “Hempcrete Potential-Green Bulding Material” International Conference for Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K21),Panimalar Engineering College,Chennai-123,March 26& 27, 2021.
31. **A.Latha**,Jananee.E.A,Janani.M,T.K.Sindhukavi “Recycling Of Automobile Wash Waste Water- A Short Review” International Conference for Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K22),Panimalar Engineering College,Chennai-123,March 25 & 26 , 2022.
32. **Latha A**,AliceJesentha Rani M, B.Nithiya,A.M.Preetha andG.Harmithasree “Waste Management Using Iot Applications” International Conference for Pheonixes on Emerging Current Trends in Engineering And Management (PECTEAM 2K22),Panimalar Engineering College,Chennai-123,March 25 & 26 , 2022.
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#### 4. National Conference Presentation Details:

1. R.Ganesan, **A.Latha** Noise pollution Modeling & Management plan for Educational Institutions", National conference on GIS ,GPS & RS Applications in transportation Planning and management, November 2006, St. Peters Engg. college Chennai.
2. R.Ganesan, **A.Latha** Environmental management of Hazardous waste in India , National conference on Current Challenges in Civil Engineering, May 2009, Velammal Engg College, Chennai.
3. R.Ganesan, K.Thanasekaran, **A.Latha**, "An overview of advanced developments in Textile dyeing Techniques", National conference on Role of Software in civil Engineering (**ROSICE-2011**) April 2011, Velammal Engg College , Chennai.
4. **A.Latha**, R.Ganesan, "Advanced Traffic Management Systems-An Overview", National conference on Sustainable Transportation Using ITS, February 2013, St. Peters College of Engg. and Technology, Chennai.
5. R.Ganesan, **A.Latha**, "Effect on underground water due to dumping of municipal solid waste in Ramanathapuram", National conference on Environmental Management and green technologies, February 2013, St. Peters College of Engg. and Technology, Chennai.
6. R.Ganesan, **A.Latha**, "Management Of Electronic Waste In India And Utilization Of Waste In Construction Industry- A Growing Concern In Today's Environment", National conference on Environmental Management and green technologies, 6<sup>th</sup> and 7<sup>th</sup> November 2014, St. Peters College of Engg. and Technology, Chennai.
7. **A.Latha**, P.Vivanesh, R.Rajaguru, S.Santhosh, "Iron removal Techniques for water softening (Iyyapanthangal TK Chennai)", National Conference on Frontiers in Chemistry and Environment (NCFCE-2015) April 2015, C.Abdul Hakeem College of Engineering and Technology, Vellore.
8. **A.Latha**, A.Alwin, S.Azeem, J.Ragland kirubakaran, M.Siva Kumar, "Textile wastewater treatment by Fenton and Electro-Fenton process", National Conference on Frontiers in Chemistry and Environment (NCFCE-2015) April 2015, C.Abdul Hakeem College of Engineering and Technology, Vellore.

9. **A.Latha**, Dr.P.Partheeban, Dr.R.Ganesan, "Treatment of Textile wastewater by Fenton and Electro-Fenton Process" National conference on Application Aspects of Civil Engineering(NCAAC 15) 4 th April 2015 organized by Saveetha University.
10. **A.Latha**, Dr.R.Ganesan, Reya George "Green Concrete-A Review", National Conference on Recent Advancement and Sustainability in Civil Engineering, 10<sup>th</sup> April 2015, Velammal Engineering College, Chennai-66.
11. Dr.R.Ganesan, **A.Latha**, " Pollution prevention and treatment using Nanotechnology" National conference of Applications of Nanotechnology in Civil Engineering. Feb 18-19, 2016. organised by St. Peters College of Engg. and Technology, Chennai.
12. **A.Latha** Ganesan, V.T.Anubharathi, C.Deepika, R.Jayanthi, "Nanotechnology in concrete structures-A Review" National conference of Applications of Nanotechnology in Civil Engineering. Feb 18-19, 2016. organised by St. Peters College of Engg. and Technology, Chennai.
13. **A.Latha**, R.Hemalatha, G.Manosanjitha, S.Priyadharshini, "Advances in Transportation-A Review", National Conference on Recent advances in Civil Engineering March 18 th 2016, organized by St.Peter's University.
14. **A.Latha**, Dr.R.Ganesan, "Efficiency of Moringa Olifera in Electro coagulation process to the treatment of Car wash wastewater" National Conference on Recent Innovations in Civil Engineering (RICE-2018), 23<sup>rd</sup> March 2018, Velammal Engineering College, Chennai-66.
15. **A.Latha**, R.S.ShanmugaPriya, and M.Priyadharshini, "Control of Corrosion on Underwater Piles" National Conference on Recent Innovations in Civil Engineering (RICE-2018), 23<sup>rd</sup> March 2018, Velammal Engineering College, Chennai-66.
16. **Dr.A.Latha**, princy.F, Hannah jerline.S, Nivashini.M "Study Of Traffic Noise Levels At Chennai City And Its Impact" conference on Recent Advancement and innovation in Civil Engineering(RAICE-2019) 29<sup>th</sup> March 2019, Department of Civil Engineering, Velammal Engineering College, Chennai-66.
17. **Dr.A.Latha** and Dr.R.Ganesan "Eco-friendly Concrete-A Review" National conference on Recent Advancement and innovation in Civil Engineering (RAICE-2019) 29<sup>th</sup> March 2019, Department of Civil Engineering, Velammal Engineering College, Chennai-66.

5. Google Scholar report:



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