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## Present Position

Professor, Centre for Environmental Studies, College of Engineering Guindy, Anna University, Chennai from January-2009.

## Present Additional Responsibility

- Director, Centre for Environmental Studies, Anna University, Chennai from June-2015.

## Previous Positions

- Professor, Centre for Environmental Studies, College of Engineering Guindy, Anna University, Chennai from September-2009.
- Assistant Professor, Centre for Environmental Studies, College of Engineering Guindy, Anna University, Chennai during September-2001 and September-2009.
- Lecturer Sr. Grade, Centre for Environmental Studies, College of Engineering Guindy, Anna University, Chennai during July-2000 and September-2001.
- Lecturer Sl. Grade, Centre for Environmental Studies, College of Engineering Guindy, Anna University, Chennai during July-1996 and July-2000.
- Lecturer, Centre for Environmental Studies, College of Engineering Guindy, Anna University, Chennai during May-1994 and July-1996.

## Previous Additional Responsibility

- Director, Centre for Technology Development and Transfer, Anna University, Chennai during June-2012 and May-2015.
- Deputy Director, Centre for Technology Development and Transfer, Anna University, Chennai during January-2012 and May-2012.

## Other Employment

- Lecturer, PSG College of Technology, Coimbatore. for 4 years.

## Degree

- ❖ M.E. in Environmental Engineering, College of Engineering, Guindy, Anna University, Chennai. (1988 - 1990).
- ❖ B.E. in CIVIL ENGINEERING , College of Engineering, Guindy, Anna University (1984 - 1988).

## Research Degree

- ❖ Ph.D. in Advanced Oxidation processes(AOPs) from Faculty of Civil Engineering, College of Engineering, Guindy, Anna University, Chennai. - 2001).  
Title: Development and Performance Studies of Novel Solar Photocatalytic Reactors for Decolourisation of Textile Dyeing Wastewaters..

## Area of Specialisation

- > Reclamation and Reuse of Industrial Wastewaters by Chemical and Biological
- > Converting Waste into Energy(Solar Photocatalytic generation of Hydrogen f
- > Environmental management Plan for Industries
- > Remediation of Soil for Heavy metals and Organic pollutants
- > Utilisation and Solidification of Industrial Sludges
- > Environmental Applications of AOPs for Industrial Water Pollution Control
- > Degradation of toxic and non bio degradable organic pollutants in gaseous a
- > Utilization of renewable solar energy and Design of solar photocatalytic re
- > Waste Minimisation /Cleaner production for Industrial Waste Management

## Membership in Professional Organization

- > IPHE,IWWA,IAEM, The Institution of Engineers, Member in Board of Studies in Faculty of Civil Enginee

## Research Guidance

Number of Ph.D Scholars Guided	: 5
Number of Ph.D Scholars Guiding	: 12
Number of M.S (By Research) Students Guided	: 1
Number of M.E./ M.Tech. Projects Guided	: 108
Number of M.E./ M.Tech. Projects Guiding	: 6
Number of M.S (By Research) Students Guiding as Joint-Supervisor	: 1

## Papers Published in Journals

Research Papers Published in International Journals : 42  
Research Papers Published in National Journals : 68

1. S.Kanmani & K.Thanasekaran, " Effect of Inorganic ions, Solar Light Intensity and Catalyst Reuse on Photocatalytic Decolourisation of Textile dyeing Wastewaters", Journal of Industrial Pollution Control, Vol. 18, Issue 2, pp. 237-252 (2002).
2. S.Kanmani & K.Thanasekaran, " Development of Novel Solar Photoreactors for treatment of textile dyeing wastewaters", Journal of IAEM, Vol. 30, Issue 2, pp. 94-101 (2003).
3. S.Kanmani, K.Thanasekaran & Dieter Beck, " Performance Studies on Novel Solar Photocatalytic Reactors for Decolourisation of Textile Dyeing Wastewaters", Indian Journal of Chemical Technology, Vol. 10, pp. 638-643 (2003).
4. G.Sarayu & S.Kanmani, " Treatment of Textile Dyeing Wastewater using UV/Solar Photofenton Oxidation Processes", Indian Journal of Environmental Protection, Vol. 45, Issue 2, pp. 113-120 (2003).
5. S.Kanmani & K.Thanasekaran, " A Comparitive Study on UV and Solar Photocatalytic Decolourisation of Low Salt Cotton Textile Dyeing Wastewaters", Indian Journal of Environmental Health, Vol. 23, Issue 1, pp. 47-53 (2003).
6. S.Kanmani & K.Thanasekaran, " Decolourisation of Industrial Wastewaters of Textile Dyeing Industry by Photocatalysis", Indian Journal of Chemical Technology, Vol. 10, pp. 53-59 (2003).
7. S.Kanmani & K.Thanasekaran, "State of the Art in theDevelopment of Solar Photocatalytic Reactors for Destruction of Aqueous Phase Organic Pollutants ", Journal of institution of public health engineers, Vol. 3, pp. 30-35 (2003).
8. S.Kanmani, K.Thanasekaran & Dieter Beck, " Studies on Decolourization of Textile Dyeing Rinse wastewaters in Solar Photocatalytic Reactors", International Journal of Advanced Oxidation Technologies, Vol. 6, Issue 2, pp. 166-175 (2003).
9. J.Jayaprakash & S.Kanmani, " Low Cost Sustainable Water Treatment System by SODIS", Indian Journal of Environmental Protection, Vol. 23, Issue 11, pp. 1217-1222 (2003).
10. S.Kanmani & K.Thanasekaran, " Photocatalytic Decolourisation of Textile Dyeing Wastewater Using Indigenous Titanium Dioxide", Journal of Industrial Pollution Control, Vol. 20, Issue 2, pp. 267-276 (2004).
11. M.Vijayalakshmi & S.Kanmani, " Oxidation of Textile Dyes by Fenton/UV Photofenton Processes", Indian Journal of Environmental Protection, Vol. 24, Issue 11, pp. 820-827 (2004).
12. G.Usha & S.Kanmani, "Tertiary Treatment of Domestic Wastewater using a Solar Photocatalytic Reactor", Journal of institute of public health engineers, Vol. 4, pp. 43-47 (2004).
13. Sumathy M.G & S.Kanmani, " Studies Treatment of Oorani Water by filtration and Solar disinfection", TWAD Technical Newsletter, Vol. 12, Issue 1, (2005).

14. O.R.Venkatesan & S.Kanmani, " Waste Minimization in a Petroleum Refinery", Indian Journal of Environmental Protection, Vol. 25, Issue 7, pp. 635-644 (2005).
15. S.Adishkumar & S.Kanmani, " Solar Photocatalytic Degradation of Phenolic Wastewaters Investigation of the Effect of Operational Parameters", Indian Journal of Environmental Protection, Vol. 25, Issue 1, pp. 51-56 (2005).
16. S.Muthuselvi & S.Kanmani, " Soil Remediation by Fenton/Photofenton Oxidation Processes", JIPHE, Vol. 2, pp. 5-9 (2005).
17. S.Kanmani & K.Thanasekaran & Dieter Beck, " Development of Pilot Scale Solar Photocatalytic reactor", Ecology, Environment & Conservation, Vol. 12, Issue 1, pp. 39-47 (2005).
18. S.Adishkumar & S.Kanmani, " Performance Studies on Solar photocatalytic Reactors for Degradation of Phenolic Wastewaters", Indian Journal of Environmental Protection, Vol. 26, Issue 1, pp. 76-81 (2006).
19. L.Vasudeva Rao & s.kanmani, " Remediation of Phenol Contaminated Soil by Fenton and Biological Degradation Processes", Indian Journal of Environmental Protection, Vol. 26, Issue 7, pp. 619-624 (2006).
20. Bhaskaran Varatharajan & S.Kanmani, " Treatability Study of Pharmaceutical Wastewater by Combined Solar Photo Fenton and Activated Sludge Process", Journal of Industrial Pollution Control, Vol. 23, Issue 1, pp. 157-164 (2007).
21. V.Saravanakumar & S.Kanmani, " Treatability Studies on Combined Domestic and Textile Wastewaters Using Activated Sludge Process", Indian Journal of Environmental Protection, Vol. 27, Issue 9, pp. 835-838 (2007).
22. T.D.Ramadasan & S.Kanmani, " Environmental Management Plan for Foundry", Indian Journal of Environmental Protection, Vol. 27, Issue 10, pp. 942-946 (2007).
23. G.Gomathi & S.Kanmani, " Tertiary Treatment of Pulp and Paper Industry Wastewater by Solar Photocatalysis and Photofenton", Journal of Institution of Public Health Engineers, Vol. 4, pp. 5-10 (2007).
24. C.Suyambu, Thangarani & S.Kanmani, " Treatability Study of Latex Centrifuging Effluent by Combined Solar Photofenton and Biological Treatment Process", Journal of Industrial Pollution Control, Vol. 23, Issue 2, pp. 239-246 (2007).
25. J.Karthick & S.Kanmani, " Study of Air and Noise Pollution Impact on the Health of Port Trust Workers", Indian journal of Air Pollution Control, Vol. 8, Issue 2, pp. 28-33 (2007).
26. P.Vimal Raj & S.Kanmani, " Treatment of Black Liquor by Wet Air Oxidation process", Journal of IAEM, Vol. 35, Issue 2, pp. 112-115 (2008).
27. S.Priscilla, Rajakumari & S.Kanmani, " Environmental Life Cycle Assessment of Zero Liquid Discharge Treatment Technologies for Textile Industries, Tirupur - A Case Study", Journal of Scientific and Industrial Research, Vol. 67, pp. 461-467 (2008).
28. R.Priya & S.Kanmani, " Solar Photocatalytic Generation of Hydrogen from hydrogen Sulphide using CdS- based Photocatalysts", Current Science, Vol. 94, Issue 1, pp. 102-104 (2008).

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29. R.Rajeswari & S.Kanmani, " Experimental Design for Carbaryl Degradation by Photocatalytic oxidation", Indian Journal of Environmental Protection, Vol. 29, Issue 1, pp. 9-15 (2008).
  30. D.Jayalakshmi & S.Kanmani, " Bioremediation of Chromium Contaminated Soil by Pseudomonas fluorescens and Indigenous microorganisms", J.Environ.Science & Engg, Vol. 50, Issue 1, pp. 1-6 (2008).
  31. A.Raja & S.Kanmani, " Pilot Plant Treatment of Distillery Wastewater by Solar Photofenton process", Indian Journal of Environmental Protection, Vol. 28, Issue 3, pp. 218-222 (2008).
  32. R.Jeevitha Raji & S.kanmani, " A Study on Polyethylene Micro- encapsulation of Textile Sludge", Journal of Scientific and Industrial Research, Vol. 67, pp. 319-323 (2008).
  33. S.Kalaivani & S.Kanmani, " Utilisation of Slag from Copper Smelting Process", Journal of IAEM, Vol. 35, Issue 2, pp. 92-95 (2008).
  34. A.Radha Krishnan & S.Kanmani, " A Study on Synergistic Effect of Photocatalysis and Ozonation on Textile Wastewater Treatment", Indian Journal of Environmental Protection, Vol. 28, Issue 11, pp. 979-984 (2008).
  35. M.A.Kiruthiga & S.Kanmani, " Development of a Photo reactor for Degradation of Gaseous VOCs", Indian journal of Air Pollution Control, Vol. 8, Issue 2, pp. 11-15 (2008).
  36. S.J.Sridharan & S.Kanmani, " Biomedical Waste Management in an indian Public Hospital- A Case Study", Indian Journal of Environmental Protection, Vol. 28, Issue 2, pp. 97-101 (2008).
  37. Vassumathy, Rajagopalu & S.Kanmani, " Activated Sludge process Treatability Studies on Combined Tannery and Domestic Wastewaters", Journal of Indian Water Works Association, Vol. 40, Issue 2, pp. 143-149 (2008).
  38. R.Rajeswari & S.Kanmani, " A Study on Degradation of Pesticide Wastewater by TiO<sub>2</sub> Photocatalysis", Journal of Scientific and Industrial Research, Vol. 68, Issue 12, pp. 1063-1067 (2009).
  39. M.Jeevananda kumari & S.Kanmani, " Assessment and prediction of Chlorine Gas in and around a Water Treatment Plant", Indian journal of Air Pollution Control, Issue 2, pp. 36-41 (2009).
  40. R.Rajeswari & S.Kanmani, " Degradation of Pesticide by Photocatalytic ozonation process and study of synergetic effect by comparison with photocatalysis and UV/ozonation processes", Journal of Advanced Oxidation Technologies, Vol. 12, Issue 2, pp. 208-214 (2009).
  41. Vanitha Murugaiyan & S.Kanmani, " Environmental Audit of a small scale electroplating industry", Indian Journal of Environmental Protection, Vol. 29, Issue 1, pp. 9-15 (2009).
  42. S.Rajendiran & S.Kanmani, " Treatability Studies on Photocatalytic Ozonation for the Treatment of textile Dyeing Wastewater", Journal of institute of public health engineers, Vol. 19, Issue 1, pp. 14-18 (2009).
  43. M.Chaithanya Sudha & S.Kanmani, " Phytoremediation of chromium contaminated soils using helianthus annus", Journal of Ecotoxicology & Environmental Monitoring, Vol. 19, Issue 1, pp. 57-63 (2009).

44. R.Priya & S.Kanmani, " Batch slurry photocatalytic reactors for the generation of hydrogen from sulfide and sulfite waste streams under solar irradiation", *Solar Energy*, Vol. 83, Issue 10, pp. 1802-1805 (2009).
45. R.Rajeswari & S.Kanmani, " TiO<sub>2</sub> based Heterogeneous Photocatalytic treatment combined with ozonation for carbendazim degradation", *Iranian Journal of Environmental Health Science & Engineering*, Vol. 6, Issue 2, pp. 61-66 (2009).
46. R.Rajeswari & S.Kanmani, " A Study on synergistic effect of photocatalytic ozonation for carbaryl degradation", *Desalination*, Vol. 242, Issue 1, pp. 277-285 (2009).
47. R.Rajeswari & S.Kanmani, " Degradation of carbaryl by photolytic ozonation", *Asian journal of Water, Environment and Pollution*, Vol. 6, Issue 2, pp. 113-117 (2009).
48. R.Priya & S.Kanmani, " Effect of Photosensitisers and inorganic ions on hydrogen generation from hydrogen sulphide", *Journal of Scientific and Industrial Research*, Vol. 68, pp. 891-893 (2009).
49. K.Omer Shareef & S.Kanmani, " Performance Evaluation of Modified UASBR as Alternative to Septic Tank", *Institution of engineers (India)*, Vol. 89, pp. 30-33 (2009).
50. J.Indumathy, K.Sathya, K.Vivek Krishnan & S.Kanmani, " Bio- Medical Waste Management in a Health Centre - A case study", *Journal of the Institution of Public Health Engineers*, Vol. 2, Issue 3, pp. 21-25 (2009).
51. D.Jayalakshmi & S.Kanmani, " Bioremediation Technologies to Clean up Contaminated Soil - State of Art", *Journal of the Institution of Public Health Engineers*, Issue 2, pp. 21-25 (2009).
52. K.Omer Shareef & S.Kanmani, " Performance Evaluation of Anerobic Single Baffled Reactor as Alternative to Existing Onsite Sewage Treatment for Lakshadweep Islands", *Journal of institute of public health engineers*, Issue 1, pp. 16-19 (2009).
53. G.Srividya & S.Kanmani, " Bioremediation of nickel contaminated soil by pseudomonas fluorescens and indigenous microorganisms", *Indian Journal of Environmental Protection*, Vol. 30, Issue 8, pp. 659-664 (2010).
54. S.Adishkumar & S.Kanmani, " Treatment of Phenolic wastewaters by solar/TiO<sub>2</sub> and Solar/TiO<sub>2</sub>/H<sub>2</sub>O<sub>2</sub> processes", *Iranian Journal of Environmental Health Science & Engineering*, Vol. 9, Issue 1, (2010).
55. A.Adishkumar & S.Kanmani, " Treatment of phenolic wastewaters in single baffle reactor by solar/TiO<sub>2</sub>/H<sub>2</sub>O<sub>2</sub> process", *Desalination and water treatment*, Vol. 3, Issue 24, pp. 67-73 (2010).
56. K.Vidya & S.Kanmani, " Treatment of Textile Dyeing Wastewater by Ozonation", *Journal of the Institution of Public Health Engineers*, Vol. 11, Issue 4, pp. 37-40 (2010).
57. R.Rajeswari & S.Kanmani, " Comparative study on photocatalytic oxidation and photolytic ozonation for the degradation of pesticide wastewaters", *Desalination and water treatment*, Vol. 19, Issue 3, pp. 301-306 (2010).

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58. S.Adishkumar & S.Kanmani, " Degradation of phenolic wastewaters by solar/TiO<sub>2</sub> and solar/TiO<sub>2</sub>/H<sub>2</sub>O<sub>2</sub> processes", International journal of environment and waste management, Vol. 9, Issue 1, pp. 169-180 (2010).
  59. Ramadasan T.D & S.Kanmani, " Study on Utilization of Foundry Waste Sand In Concrete", Indian Concrete institute journal, Vol. 11, Issue 1, pp. 23-26 (2010).
  60. E.Arulmurugan & S.Kanmani, "A Study on solidification of pulp and paper sludge", Journal of institute of public health engineers, Vol. 2010, Issue 2, pp. 48-50 (2010).
  61. G.Selvabharathi & S.Kanmani, " Tertiary Treatment of pulp and paper industrial wastewater by electro fenton process", J.Environ.Science & Engg, Vol. 52, Issue 2, pp. 103-106 (2010).
  62. R.Priya & S.Kanmani, " Solar Photocatalytic Generation of hydrogen from H<sub>2</sub>S using CdS-ZnS/Ag<sub>2</sub>S+ RuO<sub>2</sub>/TiO<sub>2</sub> on UV- Visible light irradiation", Bulletin of Material Science, Vol. 33, Issue 1, pp. 85-88 (2010).
  63. M.Sridevi karpagavalli & S.Kanmani, " Toxicity evaluation of ozonation treated textile dyeing wastewater", Indian Journal of Environmental Protection, Vol. 30, Issue 9, pp. 757-760 (2010).
  64. M.Jeevananda kumari & S.Kanmani, " Worst case scenario of chlorine gas", Indian journal of Air Pollution, Issue 2, pp. 43-48 (2010).
  65. V.Krishna kumari & S.Kanmani, " A study on polypropylene encapsulation and solidification on textile sludge", J.Environ.Science & Engg, Vol. 53, Issue 4, pp. 403-408 (2011).
  66. A.Umadevi & S.Kanmani, " Air and noise pollution management of asphalt and concrete mixing plants", Indian Journal of Environmental Protection, Vol. 31, Issue 12, pp. 969-976 (2011).
  67. S.Rajendiran & S.Kanmani, " Removal of Novacron Blue FN-R Reactive Dye by Advanced Oxidation Process - A pilot study", Indian Journal of Environmental Protection, Vol. 31, Issue 10, pp. 810-818 (2011).
  68. R.rajeswari & S.Kanmani, " Degradation of Pesticide by combined photofenton - ozonation process and study of its synergistic effect", Journal of Scientific and Industrial Research, Vol. 70, pp. 784-788 (2011).
  69. J.Jeni & S.Kanmani, " Solar Nanophotocatalytic Decolorisation of Reactive Dyes using Titanium Dioxide", Iran Journal of Environmental Science and Engineering, Vol. 8, Issue 1, pp. 15-24 (2011).
  70. R.Priya & S.Kanmani, " Optimization of photocatalytic production of hydrogen from hydrogen sulfide in alkaline solution using response surface methodology", Desalination, Vol. 276, pp. 222-227 (2011).
  71. Athisivan & S.Kanmani, " Improvement of drinking water Quality in Sethupathi Nagar, Oorani, Ramanadapuram District", Indian Journal of Environmental Protection, Vol. 32, Issue 1, pp. 27-33 (2012).
  72. V.Preethi & S.kanmani, " Photocatalytic hydrogen production over CuGa<sub>2</sub>-xFe<sub>x</sub>O<sub>4</sub> spinel", International journal of hydrogen energy, Vol. 37, Issue 24, pp. 18740-18746 (2012).

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73. R.Gunasekaran & S.Kanmani, " Performance of Gas Chlorination in decolourization of textile dyeing wastewater: a pilot study", *Clean Technologies and Environmental Systems*, Vol. 16, Issue 3, pp. 601-607 (2013).
  74. R.Priya & S.Kanmani, " Design of Pilot-scale solar photocatalytic reactor for the generation of hydrogen from alkaline sulfide wastewater of sewage treatment plant", *Environmental Technology*, Vol. 34, Issue 17, pp. 2817-2823 (2013).
  75. S. Adishkumar, S. Kanmani & J. Rajesh Banu, " Solar photocatalytic treatment of phenolic wastewaters: influence of chlorides, sulphates, aeration, liquid volume and solar light intensity", *Desalination and Water Treatment*, Vol. 52, Issue 40, pp. 1-7 (2013).
  76. R.Gunasekaran & S.Kanmani, " A Study on Risk Assessment of Chlorinated effluents from Pulp and Paper industry and their treatment by Advanced Oxidation Process", *Asian Journal Of Chemistry*, Vol. 25, Issue 14, pp. 8015-8018 (2013).
  77. R.Priya & S.Kanmani, " Design of Pilot- Scale Solar Photocatalytic Reactor for the Generation of Hydrogen from Alkaline Sulfide Wastewater of Sewage Treatment Plant", *Environmental Technology*, Vol. 34, pp. 2817-2823 (2013).
  78. V.Preethi & S.Kanmani, " Photocatalytic Hydrogen Production", *Material Science in Semiconductor Processing*, Vol. 16, pp. 561-575 (2013).
  79. R.Gunasekaran & S.Kanmani, " Treatment of textile waste water by gas chlorination", *International Journal of Pollution research*, Vol. 32, Issue 2, pp. 191-198 (2013).
  80. L.Maria Subashini & S. Kanmani, " Treatability studies on bleach effluent of pulp and paper industry by ultraviolet/hydrogen peroxide process with titanium dioxide as catalyst", *International Organization of scientific research*, Vol. 3, Issue 1, (2013).
  81. Shriram.B & S.Kanmani, "Ozonation of textile dyeing wastewater - A Review", *Journal of the Institution of public Health Engineers,India*, Vol. 3, pp. 46-50 (2014).
  82. Mohanraj.N & S.Kanmani, "Performace evaluation of zero liquid discharge treatment systems in textile dyeing units in tamilnadu", *Journal of the Institution of public Health Engineers,India*, Vol. 3, pp. 26-34 (2014).
  83. U.sathya & S.Kanmani, " Performance evaluation of pilot scale reactor for the treatment of textile dyeing wastewaters using ozone based AOPS", *Pollution Research*, Vol. 33, Issue 4, pp. 165-169 (2014).
  84. Sujitha.M & S.Kanmani, " Recovery of hydrogen from hydrogen sulphide using gas phase photocatalytic reactor", *Journal of Industrial Pollution Control*, Vol. 30, Issue 1, pp. 1-6 (2014).
  85. V.Preethi & S.Kanmani, " Photocatalytic hydrogen production using Fe<sub>2</sub>O<sub>3</sub> based core shell nano particles with Zns and Cds", *Journal of hydrogen energy*, Vol. 39, pp. 1613-1622 (2014).
  86. Lalith Kumar.B,Bhoopathy.B.G,Siddharthan.A,Dr.S.Kanmani, "Investigation of photo-catalytic Activity of Tio<sub>2</sub> – Graphene composite in hydrogen production by method of water splitting", *International Journal of ChemTech Research-2015*, Vol. 8, Issue 2, pp. 424-429 (2015).



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87. R.Gunasekaran & Dr.S.Kanmani, " Performance of wet air oxidation in degradation of cod in pulp and paper industry black liquor", Ecology, Environment and conservation, Vol. 21, pp. 1311-1316 (2015).
  88. Rajendiran. S & S.Kanmani, " Treatment of simulated textile dyeing wastewaters using advanced oxidation processes – a bench-scale study", Material focus, Vol. 4, pp. 277-282 (2015).
  89. G.Arivukkodi,S.Kanmani & S.Gomathinayagam, " Wind Turbine Noise - a pilot study in india", Current Science, Vol. 3, Issue 3, pp. 492-494 (2016).
  90. B.Shriram & S.Kanmani, "Treatment of textile dyeing wastewater using ozone based advanced oxidation processes in a pilot-scale reactor", Indian Journal of Environmental Protection, Vol. 36, pp. 529-540 (2016).
  91. V.Peerthi & S.Kanmani, "Performance of four various shapes of Photo catalytic reactors with respect to hydrogen and sulphur recovery from sulphide containing wastestreams", Journal of Cleaner Production, pp. Pg.1218-1226 (2016).
  92. V. Preethi & S. Kanmani, "Performance of Gas-Phase Photo catalytic Reactors on Hydrogen Production", International Journal on Hydrogen Energy, (2016).
  93. V. Preethi & S. Kanmani, " Optimization of Operating Parameters for Gas-phase Photo catalytic Splitting of H<sub>2</sub>S by Novel Vermiculate Packed Tubular Reactor", Journal of Environment Management, Vol. 181, pp. 674-680 (2016).
  94. S.Adishkumar, S. Kanmani, J.Rajesh Banu & Ick Tae Yeom, " Evaluation of Bench-Scale Solar Photocatalytic Reactors for Degradation of Phenolic Wastewaters", Desalination and Water Treatment , Vol. 57, pp. 16862-16870 (2016).
  95. Chandra Devi Raman & S.Kanmani, " Textile dye degradation using nano zero valent iron: A review", Journal of Environmental Management, Vol. 177, pp. 341-355 (2016).
  96. Rajendiran.S,Shriram.B & Dr.S.Kanmani, " Photocatalytic-Ozonation of Textile Dyeing Waste water using Fixed Catalyst System", International Advanced Research Journal in Science, Engineering and Technology, Vol. 3, pp. 2394-1588 (2016).
  97. V. Preethi & S. Kanmani, " Performance of nano photocatalysts for the recovery of hydrogen and sulphur from sulphide containing wastewater", International Journal on Hydrogen Energy, published by International Journal of Hydrogen Energy. (2017).
  98. "Leachability and physical stability of solidified and stabilized sludge from dye effluent treatment", Journal of Scientific and Industrial Research , Vol. 76, Issue 12, pp. 795 - 799 (2017).
  99. M.Radha & S.Kanmani, " Evaluation of paper recycling industry wastewater treatment and simultaneous bioelectricity generation in a microbial generation in a microbial fuel cell", Desalination and water Treatment , Vol. 62, pp. 161-167 (2017).
  100. V.Preethi & S.Kanmani, " Performance of Gas-Phase Photo catalytic Reactors on Hydrogen Production", International Journal on Hydrogen Energy, published by International Journal on Hydrogen Energy. Vol. 42, Issue 14, pp. 8997-9002 (2017).

101. M.Radha & S.Kanmani, "Performance of cathode catalysts for bio-electricity from paper recycling, wastewater-fed, microbial fuel cells", *Current Science*, Vol. 113, Issue 3, pp. 468-473 (2017).
102. "Epigallocatechin gallate supported iron particles on dye decolourization and textile wastewater treatment", *Desalination and Water Treatment* , Vol. 113, pp. 288 - 295 (2018).
103. " Epigallocatechin gallate supported iron particles on dye decolourization and textile wastewater treatment", *Desalination and Water treatment* , Vol. 113, pp. 288 - 295 (2018).
104. " Epigallocatechin gallate supported iron particles on dye decolourization and textile wastewater treatment", *Desalination and Water treatment* , Vol. 113, pp. 288 - 295 (2018).
105. V. Preethi & S. Kanmani, " Performance of nano photocatalysts for recovery of hydrogen and sulphur from sulphide containing wastewater", *International Journal on Hydrogen Energy*, published by International Journal on Hydrogen Energy. Vol. 43, Issue 8, pp. 3920 - 3934 (2018).
106. A.Madhumitha, V preethi, S . Kanmani, " Photocatalytic hydrogen production using TiO<sub>2</sub> coated iron oxide core shell particles", *International Journal on Hydrogen Energy*, published by International Journal on Hydrogen Energy. (2018).
107. Chandra Devi Raman, S. Kanmani, " Decolourization of mono azo dye And textile wastewater using nano iron particles", *Environmental progress and sustainable energy* , published by Environmental progress and sustainable energy. (2018).
108. J. Bharatvaj, V. Preethi, & S. Kanmani, " Hydrogen production from sulphide wastewater using Ce<sup>3+</sup>-TiO<sub>2</sub> photocatalysis", *International Journal on Hydrogen Energy*, published by International Journal on Hydrogen Energy. pp. 3935-3945 (2018).
109. J. Bharatvaj, V. Preethi, & S. Kanmani, " Hydrogen production from sulphide wastewater using Ce<sup>3+</sup>-TiO<sub>2</sub> photocatalysis", *International Journal on Hydrogen Energy*, published by International Journal on Hydrogen Energy. (2018).
110. "Visible light-driven photocatalysis for hydrogen production by water splitting", *Energy sources*, published by Energy sources, Part A: Recovery, Utilization and . (2019).

## Papers Presented in Programmes

Research Papers Presented in International Programmes	: 26
Research Papers Presented in National Programmes	: 32

1. S.Kanmani & M.Karmegam, "Water Harvesting for Drinking in Ramanathapuram District" presented in a National level workshop on Proceedings of the Second Water Congress, organised by CWR & CES at Anna University, Chennai, India from 10-Mar-1995 to 11-Mar-1995.
2. M.Rani, S.Kanmani & K.Karmegam, "Impact on Flyash Slurry on Ground Water Quality" presented in a International level conference on Management of Drinking Water Resources, organised by CLRI,AU & TWAD , Chennai, India from 03-Dec-1997 to 05-Dec-1997.

3. S.Kanmani, "Water Supply Distribution Systems- Design Norms and Design Methodologies" presented in a National level workshop on Series of Refresher Courses on Water Supply Distribution Network Analysis Using Computers, organised by CPHEEO, CES, Anna University, Chennai, India from 11-Feb-1998.
4. S.Kanmani & G.V.T.Gopalakrishna, "Photocatalytic Degradation of Direct Dyes" presented in a National level seminar on 14th national Symposium on Catalysis, organised by Catalysis Society of India & AU, Chennai, India from 16-Dec-1998 to 18-Dec-1998.
5. S.Kanmani & K.Thanasekaran, "Photocatalytic Detoxification of Cibacron Green - A Low Salt Dye" presented in a National level workshop on Catalysis- Forays into Non-Traditional Areas, organised by IICT, Hyderabad, India from 07-Jan-2000 to 08-Jan-2000.
6. M.Saravana Kumar, S.Kanmani & G.B.Jaiyaprakash Narain, "Sludge Management in Zinc- Ash processing Industries" presented in a International level conference on Hazardous Waste Management, organised by GTZ at CES, annauniversity, India from 27-Jan-2000 to 29-Jan-2000.
7. "Photocatalytic Decolourisation of Textile Dyeing Wastewater using Novel Water-bell fountain Solar Photoreactor" presented in a International level seminar on Scientec Matrix International Symposium on Catalytic Water Treatment, organised by SEGHERS Technology Chair in Environmental Catalysis at Antwerp, Belgium from 25-Nov-2001 to 27-Nov-2001.
8. J.Josephine Sahaya Rani & S.Kanmani, "Tertiary Treatment of Distillery Wastewater by Solar Photofenton Process" presented in a International level conference on 3rd International level Conference Oxidation Technologies for Water and Wastewater treatment, organised by CUTEU Institute, Germany from 15-May-2003 to 22-May-2003.
9. R.Priya & S.Kanmani, "Solar Photocatalytic Generation of Hydrogen from Hydrogen Sulfide" presented in a International level conference on Science and Technology for Sustainable Development, organised by St.Berchmans College Campus in Changan Cherry, Kerala, India from 10-Aug-2005 to 13-Aug-2005.
10. R.Priya & S.Kanmani, "Effect of Photosensitizers on Solar Photocatalytic Generation of hydrogen from Hydrogen Sulfide" presented in a International level conference on Environmental Management, organised by Jawaharlal Nehru Technological University, Hyderabad, India from 28-Oct-2005 to 30-Oct-2005.
11. S.Adish Kumar & S.Kanmani, "Solar Photocatalytic Biological Treatment of Phenolic Resin Manufacturing Wastewaters" presented in a International level conference on Environmental Management, organised by Jawaharlal Nehru Technological University, Hyderabad, India from 28-Oct-2005 to 30-Oct-2005.
12. R.Rajeswari & S.Kanmani, "Applicability of Solar Photofenton Process for pesticide Wastewaters" presented in a International level conference on Environmental Management, organised by Jawaharlal Nehru Technological University, Hyderabad, India from 28-Oct-2005 to 30-Oct-2005.
13. R.Rajeswari & S.Kanmani, "Reclamation and Reuse of Domestic and Industrial Wastewaters by Advanced Oxidation process" presented in a National level seminar on Role of Environmental Engineers in Sustainable Development, organised by Institution of Engineers, Trichy, India from 12-Nov-2005 to 13-Nov-2005.

14. R.Rajeswari & S.Kanmani, "Utilization of Renewable Solar Energy for the Treatment of Industrial Wastewaters" presented in a National level seminar on Current Trends in Green Chemistry, organised by SRM Institute of Science and Technology, Kattankulathur, India from 06-Apr-2006 to 07-Apr-2006.
15. S.Adish Kumar & S.Kanmani, "Studies on Solar Photocatalytic Degradation of Phenol Using Response Surface Methodology" presented in a International level conference on Environmental Applications of Advanced Oxidation Processes, organised by European institute, Greece from 27-Sep-2006.
16. S.Adish Kumar & R.Priya & S.Kanmani, "Nanotechnology for Water and Wastewater Treatment" presented in a National level conference on Nanotechnology and its Applications in Water Resources and Environmental Engineering Systems, organised by S.R.M University, India from 29-Sep-2007.
17. V.Preethi & S.Kanmani, "Overview of Nanomaterials for Photocatalytic Hydrogen Production" presented in a International level conference on Application and its Advantages in Natural Science, organised by Manonmaniam Sundaranar University, Tirunelveli, India from 04-Feb-2011 to 05-Feb-2011.
18. J.Vasanth Kumar & S.Kanmani, "Performance Evaluation of Water Treatment Systems in Ooranies in Tamil Nadu" presented in a International level workshop on Advances in Disinfection Technologies, organised by NEERI, Nagpur, India from 09-Feb-2011.
19. U.Minudharshini & S.Kanmani, "Treatability Studies on Sulfide Waste Stream of Tannery Industry by Spinel Photocatalyst" presented in a National level seminar on Challenges and Opportunities in Civil Engineering, organised by Tagore Engineering College, India from 10-Feb-2011 to 11-Feb-2011.
20. V.Preethi & S.Kanmani, "Hydrogen Sulfide Waste Treatment by Photocatalytic Process" presented in a International level conference on International Conference on Control of Industrial Gaseous Emission, organised by Annamalai University, Chidambaram, India from 09-Feb-2012 to 10-Feb-2012.
21. G. Arivukkodi & S.Kanmani, "Studies on Noise Propagation of Wind a Turbines from a Wind farm in india" presented in a International level conference on DEWEK 2012 11th German Wind Energy Conference, organised by DEWI, Bremen, Germany from 07-Nov-2012 to 08-Nov-2012.
22. S.Kanmani, "Minimization of Hazardous Waste" presented in a National level seminar on Minimization or Alternate Use of Reduction of Hazadous Waste Generation and management, organised by Centre for Environmental Studies, Anna University, India from 26-Feb-2013.
23. S.Kanmani, "Environmental Management and Green Technologies" presented in a National level conference on National Conference on Environmental Management and Green Technologies, organised by St.Peter's college of engineering and technology, india from 27-Feb-2013 to 28-Feb-2013.
24. S. Kanmani, on Conventional and Advancement in Electroplating Wastewater-Present Technology adopted, organised by TNPCB, Guindy, India from 28-Mar-2013.

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25. S.Kanmani, "Occupational Safety and Health" presented in a International level conference on Conference on Occupational Safety and Health, organised by Regional Labour Institute, Chennai, india from 06-Apr-2013.
  26. S. Kanmani, on Indian Science and Engineering Regional Fair (INSEF) in collaboration with Science Society of India (SSI) (Science Fair), organised by Science Society of India and Agni College of Technology, Chennai, India from 26-Oct-2013 to 26-Oct-2013.
  27. S.Rajendiran and S.Kanmani, on A Pilot Study on Decolorization and Degradation of Textile Dyeing Industrial Wastewaters by Ozone Based Advanced Oxidation Process, organised by The Institution of Engineers, Hotel - the Leela Palace,MRC Nagar, Chennai, India from 21-Dec-2013.
  28. V.Preethi and S. Kanmani, on Recovery of Hydrogen from industrial Waste Hydrogen Sulfide Using Renewable Solar Energy, organised by The Institution of Engineers, Hotel - the Leela Palace,MRC Nagar, Chennai, India from 21-Dec-2013.
  29. S. Kanmani (Colloquium), on Development of Environmentally Friendly Treatment Technologies for Sustainable Development, organised by The Institution of Engineers, Hotel - the Leela Palace,MRC Nagar, Chennai, India from 21-Dec-2013.
  30. S. Kanmani, on Risk Assessment of Chlorinated Effluents in Industries, organised by National Environmental Engineering Research Institute, Nagpur, Nagpur from 16-Jan-2014 to 17-Jan-2014.
  31. N. Thangam, RM. Latha, V. Preethi & S. Kanmani, on Hydrogen Production from Industrial Wastes by Photocatalysis, organised by Easwari Engineering College, Chennai, India from 27-Jan-2014 to 28-Jan-2014.
  32. S. Kanmani, on Water Management in Traditional Village Ponds (i.e. Oorani's) in Tamil Nadu, organised by MNM Jain Engineering College, Chennai, India from 28-Feb-2014 to 01-Mar-2014.
  33. S. Rajendiran and S. Kanmani, on Textile Dye Treatment, organised by Yogi Vemana University Kadapa, Andhra Pradesh, India from 01-Mar-2014.
  34. Ayisha sidiqua.M,R.K.Divya and S. Kanmani, on Degradation of Phenolic wastewater by Advanced Oxidation Processes, organised by A.C.Tech, Anna university, India from 03-Mar-2014.
  35. S. Kanmani, on Environmental Sustainable Green Technology Policies, organised by ENVISION 2025, CLRI, Adyar, Chennai, India from 12-Mar-2014 to 14-Mar-2014.
  36. S. Kanmani, on Sustainability & Community Management for Best Available Technologies, organised by ENVISION 2025, CLRI, Adyar, Chennai, India from 12-Mar-2014 to 14-Mar-2014.
  37. R. Rajeswari & S. Kanmani, "Comparison between photocatalytic ozonation and other advanced oxidation processes for the removal of pesticides from wastewater" presented in a International level conference on Emerging Environmental &Advanced Oxidation Technologies for Energy,Environment and Sustainability (EEAOTEES-2014), organised by CPEES, CES, Department of chemistry, Tamil Nadu from 29-Sep-2014 to 30-Sep-2014.

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38. Preethi.V, Sujitha.M, Thangam.N, Latha.RM & S.Kanmani, "Recovery of hydrogen from sulphide containing industrial waste streams" presented in a International level conference on Emerging Environmental &Advanced Oxidation Technologies for Energy,Environment and Sustainability (EEAOTEES-2014), organised by CPEES,CES, Department of chemistry, Tamil Nadu from 29-Sep-2014 to 30-Sep-2014.
  39. Rajendiran.S, Deivanai.K, Shriram.B, R.K.Divya & S.kanmani, "Environmental applications of advanced oxidation processes for treatment of textile dyeing wastewaters" presented in a International level conference on Emerging Environmental &Advanced Oxidation Technologies for Energy,Environment and Sustainability (EEAOTEES-2014), organised by CPEES,CES, Department of chemistry, Tamil Nadu from 29-Sep-2014 to 30-Sep-2014.
  40. Dr.S.Kanmani, "Advanced Auxiliary process in industrial waste water treatment" presented in a International level conference on An International Conference on Water & Waste Water Treatment Technologies-(WATMAN-2016), organised by CSIR-CLRI Madras , Chennai from 04-Mar-2016 to 04-Mar-2016.
  41. Shriram.B & S. Kanmani, "Treatment of Textile Dyeing Wastewater using Ozone based AOP in a Pilot Scale Reactor" presented in a National level conference on National Conference on Energy and Environment, organised by IIT Madras & CODISSIA, India from 16-Sep-2016 to 17-Sep-2016.
  42. "Treatment of Textile Dyeing Wastewater using Ozone Based AOP in A Pilot Scale Reactor" presented in a National level conference on National Conference on Energy and Environment, organised by CODISSIA trade fair Complex, FOOD COURT 1st floor, Coimbatore, Coimbatore from 16-Sep-2016 to 16-Sep-2016.
  43. "Advanced Oxidation Process for Treatment of Industrial Waste waters" presented in a National level seminar on "National Seminar on best practices that favour industries to comply the Environmental regulations, organised by IC&CR Auditorium Centre for Industrial Consultancy & Sponsored Research,Indian Institute of Technology Madras, Chennai from 25-Nov-2016 to 25-Nov-2016.
  44. "Advanced Oxidation Process for Treatment of Industrial Waste waters" presented in a National level seminar on "National Seminar on best practices that favour industries to comply the Environmental regulations, organised by IC&CR Auditorium Centre for Industrial Consultancy & Sponsored Research,Indian Institute of Technology Madras, India from 26-Nov-2016 to 26-Nov-2016.
  45. "Planning of Sewerage, Unit Operations and Processes " presented in a National level Short Course on Seven Days FDTP on CE6605 Environmental Engineering-II, organised by CES – Conference hall,Anna University,Chennai, Chennai from 01-Dec-2016 to 01-Dec-2016.
  46. R.Chandra Devi & S.Kanmani, "International Conference on contaminated site Remediation " presented in a International level conference on Emerging applications of nano iron particles in textile dyeing wastewater treatment, organised by Tamil Nadu Agricultural University, Coimbatore from 13-Dec-2016 to 15-Dec-2016.
  47. R.Chandra Devi & S.Kanmani, "International Conference on contaminated site Remediation " presented in a International level conference on Emerging applications of nano iron particles in textile dyeing wastewater treatment, organised by Tamil Nadu Agricultural University, Coimbatore from 13-Dec-2016 to 15-Dec-2016.

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48. "Emerging applications of nano iron particles in textile dyeing wastewater treatment" presented in a International level conference on International Conference on contaminated site Remediation , organised by Tamil Nadu Agricultural University,Hotel Le Meridien, Coimbatore, India from 13-Dec-2016 to 15-Dec-2016.
  49. "An Overview of Environmental Issues and Wastewater Management in Industries" presented in a National level Short Course on Training Programme on Environmental Management in Tanneries,Slaughter Houses, Sponge Iron Plants,Pharma and Chemical Sector, organised by Central Pollution Control Board, Delhi and CES – Conference hall, Anna University,Chennai, India from 09-Jan-2017 to 13-Jan-2017.
  50. "The role of trees in the urban environment and urban environment conversation" presented in a National level seminar on A one day Seminar ECO Green , organised by Department of Media Sciences, Anna University, Chennai-25 , India from 08-Mar-2017 to 08-Mar-2017.
  51. "Environmental Issues and Environmental Legislation for Thermal Power Plants" presented in a National level Short Course on Training Programme on Emission Control in Coal Based Thermal Power Plants for Engineers from Tangedco, organised by Institute for Energy Studies, Anna University, India from 23-Mar-2017 to 23-Mar-2017.
  52. "Photocatalytic Hydrogen Production from sulphide stream in scrubbing unit" presented in a International level conference on International Conference on sustainable Environment & Energy, organised by Department of Civil Engineering & Department of Electrical & Electronics Engineering, Hindustan University , India from 06-Apr-2017 to 07-Apr-2017.
  53. "Industrial Waste Water Treatment Using Advance Oxidation Process" presented in a National level seminar on One day National Level Seminar on Regulatory Compliance Handling in Industries towards Pollution Control, organised by Industrial Waste Management Association & Tamilnadu Pollution Control Board & Hotel Fortune ,, India from 04-Aug-2017 to 04-Aug-2017.
  54. "Best practice Technology for the Industrial Wastewater Treatment " presented in a National level conference on 4th Indian-German Water Partnership-Day, organised by Indo-German company "Gerindtec" , India from 20-Sep-2017 to 20-Sep-2017.
  55. "Photocatalytic hydrogen production by water splitting using TiO<sub>2</sub>/Cds/CNT nanocomposite" presented in a National level seminar on All India Seminar on Carbon sequestration & climate change mitigation , organised by Pondicherry Engineering College, India from 02-Nov-2017 to 03-Nov-2017.
  56. "Performance of Cathode Catalyst for bio-electricity production from paper recycling wastewater fed microbial fuel cells" presented in a National level seminar on All India Seminar on Carbon sequestration & climate change mitigation, organised by Pondicherry Engineering College, India from 02-Nov-2017 to 03-Nov-2017.
  57. "Recital Estimation of reactor for the textile wastewater" presented in a National level seminar on Third National seminar on "Advanced Oxidation Processes", organised by Department of Chemistry, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, India from 17-Dec-2017 to 19-Dec-2017.
  58. "Nano Enhanced technique for Textile Dyeing Wastewater" presented in a National level conference on 32nd Indian Engineering Congress, organised by Hotel Le Royal Meridien, Chennai, India from 21-Dec-2017 to 23-Dec-2017.

## Current Sponsored Projects

1. "Performance Evaluation of SBR VS SBBR for treatment of Domestic Wastewater followed by UV-LED Disinfection of Reuse a Comparative Study at Pilot Scale" ( March-2017 - December-2018 ). Project Cost: 32.95.

## Sponsored Projects Completed

1. "Studies on Advanced Oxidation Processes(AOPs) for Color Removal in Textile Dyeing Waste Waters in Tamil Nadu" (January-2011 - May-2013). Project Cost: 586636.00.
2. "Improvement of Drinking Water Quality from Surface Water Ponds by Applying Zero Energy Technologies" (September-2008 - June-2013). Project Cost: 19.55.
3. "Recovery of Hydrogen and other useful products from industrial waste gases".. Project Cost: 6000000.00.
4. "" study on Pollution due to domestic effluent of Thuraiyur Municipality in China Eri"" (December-1969 - December-1969)
5. "Degradation of Phenolic Wastewaters by integrated solar photocatalytic & Biological treatment processes"" (December-1969 - December-1969)

## Programme Chaired

1. Chairman, International level conference titled "Green Technology" conducted by Sathyabama University, Chennai from 15-Dec-2011 to 17-Dec-2011.
2. Chairman, National level conference titled "Environmental Management and Green Technologies" conducted by St.Peter's college of engineering and technology from 27-Feb-2013 to 28-Feb-2013.
3. Chairman, International level conference titled "Occupational Safety and Health" conducted by Regional Labour Institute, Chennai from 06-Apr-2013.
4. Co Chairman, National level conference titled "Water Management Village Ponds (i.e. Oorani's) in Tamil Nadu" conducted by Easwari Engineering College, Chennai from 27-Jan-2014 to 28-Jan-2014.
5. Chairman, National level conference titled "Energy and Environment Conference (EECON 2014)" conducted by A.C.Tech, Anna University, India from 03-Mar-2014.
6. Chairman, National level conference titled "EECON 14-A National level Conference on Energy and Environment" conducted by Department of chemical Engineering, Anna University from 03-Mar-2014 to 03-Mar-2014.
7. Chairman, International level conference titled "An International Conference on Water & Waste Water Treatment Technologies-(WATMAN-2016)" conducted by CSIR-CLRI Madras from 04-Mar-2016 to 04-Mar-2016.



8. Chairman, National level workshop titled "Workshop on Municipal Solid Waste Management in Tamil Nadu – Emerging Technologies and Trends" conducted by TNUIFSL, "The Leela Palace", MRC Nagar, Chennai - 28 from 02-Sep-2016.
9. Chairman, National level conference titled "National Conference on Energy and Environment" conducted by CODISSIA from 16-Sep-2016 to 17-Sep-2016.
10. National level Short Course titled "CPCB Sponsored Training Programme on "Green Chemistry and Cleaner Technology"" conducted by Centre for Environmental Studies, Anna University, Chennai from 11-Jan-2018 to 11-Jan-2018.
11. Chairman, National level conference titled "2nd International Conference on Waste Management" conducted by Conference Centre, IIT Guwahati Conference Centre, IIT Guwahati from 23-Feb-2018 to 23-Feb-2018.

### Programme Organized

1. Co-ordinator, National level seminar on "One day seminar on Water Management for Sustainable Future" .
2. Co-ordinator, National level seminar on "One day seminar on Water Management for Sustainable Future" .
3. Co- Ordinator, National level Short Course on "Refresher Course on Sewage Treatment plant Design" from 04-Mar-1998 to 11-Mar-1998.
4. Co- Ordinator, National level Short Course on "Refresher Course on Sewage Treatment plant Design" from 04-Mar-1999 to 11-Mar-1999.
5. Co- Ordinator, International level workshop on "Workshop on Train the Trainers in Profitable Cleaner production" from 03-Oct-2001 to 05-Oct-2001.
6. Co- Ordinator, International level workshop on "Workshop on Profitable Cleaner Production" from 14-Dec-2001.
7. Organizer, National level seminar on "The current and Emerging Techniques in Water Supply and Sewerage Sectors" from 24-Dec-2001 to 29-Dec-2001.
8. Co- Ordinator, International level workshop on " Workshop on Audit - Tool RIA( Rapid Industrial Assessment ) for the Reactive Cotton Textile Wet Processing Industries in Tirupur,Tamil Nadu" from 22-Aug-2003.
9. Co- Ordinator, International level workshop on "Second Workshop on Audit - Tool RIA( Rapid Industrial Assessment ) for the Reactive Cotton Textile Wet Processing Industries in Tirupur,Tamil Nadu" from 06-Apr-2004.
10. Organizer, National level workshop on "CPHEEO Guest Lecture" from 10-Jan-2008 to 10-Mar-2008.
11. Organizer, National level workshop on "CPHEEO Guest Lecture" from 15-Jan-2009 to 13-Mar-2009.

12. Organizer, National level workshop on "CPHEEO Guest Lecture" from 06-Apr-2010.
13. Organizer, National level seminar on "Minimization or Alternate Use of Reduction of Hazardous Waste management" from 26-Feb-2013.
14. Organizer, International level conference on "Emerging Environmental & Advanced Oxidation Technologies for Energy, Environment and Sustainability (EEAOTTEES-2014" from 29-Sep-2014 to 30-Sep-2014.
15. Co-ordinator, National level Short Course on "Seven days FDTP programmer" from 10-Jun-2015 to 17-Jun-2015.
16. Co-ordinator, National level conference on "National Conference on Environment, Health and Safety in industries (EHSI 2015)" from 10-Sep-2015 to 11-Sep-2015.
17. Co-ordinator, National level seminar on ""Environmental Legislations"" from 17-Mar-2016 to 18-Mar-2016.
18. Co-ordinator , National level Short Course on "Seven Days FDTP on CE6605 Environmental Engineering - II" from 01-Dec-2016 to 08-Dec-2016.
19. Co-ordinator , National level conference on "National Conference on Trends in Environmental and Science (TEEM,17)" from 09-Jan-2017 to 13-Jan-2017.
20. Co-ordinator , National level conference on "National Conference on Trends in Environmental and Science (TEEM,17)" from 09-Jan-2017 to 13-Jan-2017.
21. Co-ordinator , National level seminar on "One day Seminar on Water Management for Sustainable Future" from 11-Mar-2017 to 11-Mar-2017.
22. Co-ordinator , National level seminar on "One day Seminar on Water Management for Sustainable Future" from 11-Mar-2017 to 11-Mar-2017.
23. Co-ordinator, National level seminar on "Dr.A.L.Mudaliar Endowment Lecture" from 17-Mar-2017 to 17-Mar-2017.
24. Co-ordinator, National level seminar on "Dr.A.L.Mudaliar Endowment Lecture" from 17-Mar-2017 to 17-Mar-2017.
25. Co-ordinator, National level seminar on "Dr.R.Pitchai Endowment Seminar & World Water" from 22-Mar-2017 to 22-Mar-2017.
26. Co-ordinator, National level seminar on "Dr.R.Pitchai Endowment Seminar & World Water" from 22-Mar-2017 to 22-Mar-2017.
27. Co-ordinator, National level seminar on "A.L.Mudaliar Endowment Lecture Seminar " from 30-Mar-2017 to 30-Mar-2017.
28. Co-ordinator, National level seminar on "A.L.Mudaliar Endowment Lecture Seminar " from 30-Mar-2017 to 30-Mar-2017.

## Programme Attended

1. Participated in a International level workshop on "International Workshop on "Coastal Vulnerability"" organized by Anna University, Chennai .
2. Attended a National level Short Course on "Green Power Market Development Group (GPMDG)" organized by Confederation of Indian Industry, Chennai.
3. Attended a International level Short Course on "Environmental Pollution and Control Methodologies" organized by ISTE Course, Jawaharlal Nehru Technological University, Hyderabad, India from 03-May-1993 to 15-May-1993.
4. Attended a National level Short Course on "Maintenance of Wastewater Treatment Units" organized by QIP ISTE Course, IIT Madras, India from 29-Nov-1993 to 10-Dec-1993.
5. Participated in a National level workshop on "Advanced Wastewater Treatment" organized by ISTE, Coimbatore Institute of Technology, Coimbatore, India from 16-May-1994 to 27-May-1994.
6. Participated in a National level workshop on "Improving Teacher Effectiveness" organized by ISTE AU Chapter, India from 27-Jan-1995 to 28-Jan-1995.
7. Participated in a National level workshop on "Industrial Wastewater Treatment: Water Purification by Photosensitisers" organized by AICTE, Department of Chemistry, Anna University, India from 22-Mar-1995 to 24-Mar-1995.
8. Participated in a International level conference on "Recent Advances in photo Chemistry" organized by ISTE, IIT Madras, India from 11-Dec-1995 to 22-Dec-1995.
9. Participated in a International level workshop on "Regional Seminar Workshop PM 4 on Train the Trainer - Transfer of Knowledge" organized by GTZ, Asian management Institute Ltd, Thailand from 10-Nov-1997 to 14-Nov-1997.
10. Participated in a International level conference on "Management of Drinking Water Resources" organized by CLRI, Chennai, India from 03-Dec-1997 to 05-Apr-1997.
11. Attended a National level seminar on "TDS removal from Textile Effluents" organized by IEA, Centre for Environmental Studies, Anna University, India from 03-Mar-1998.
12. Attended a National level seminar on "14th National Symposium on Catalysis" organized by Catalysis Society of India, Department of Chemistry, Anna University, India from 16-Dec-1998 to 18-Dec-1998.
13. Participated in a International level conference on "Design and Fabrication of Solar Photo Reactors" organized by Institute for Solar Energy Research Centre, Hannover, Germany to 03-Dec-1999.
14. Attended a National level seminar on "Quality Assurance of Environmental Analysis" organized by UGC, CES, Anna University, India from 18-Dec-1999.
15. Participated in a International level conference on "Catalysis Forays into Non-traditional Areas" organized by IICT, Hyderabad, India from 07-Jan-2000 to 08-Jan-2000.

16. Participated in a International level conference on "Hazardous Waste management" organized by Indo - German Project, Centre for Environmental Studies, Anna University, India from 27-Jan-2000 to 29-Jan-2000.
17. Participated in a National level workshop on "Housing Perspectives in Indian Context - Current and Future Trends" organized by AICTE, School of Architecture and Planning, Anna University, India from 21-May-2001 to 03-Jun-2001.
18. Participated in a National level workshop on "Environmental Management Systems ( ISO 14001 )" organized by NPC, Chennai, India from 18-Jul-2001 to 20-Jul-2001.
19. Participated in a National level workshop on "Energy Audit and Conservation" organized by NPC, Chennai, India from 16-Aug-2001 to 17-Aug-2001.
20. Participated in a National level workshop on "Train the Trainers in Profitable Cleaner Production" organized by CES & GTZ at Tirupur, Tamilnadu, India from 03-Oct-2001 to 05-Oct-2001.
21. Participated in a National level workshop on "Profitable Cleaner production" organized by CES & GTZ at Tirupur, Tamilnadu, India from 14-Dec-2001.
22. Attended a National level seminar on "The Current and Emerging Techniques in water Supply and Sewerage Sectors" organized by CES, Anna University, Chennai, India from 24-Dec-2001 to 29-Dec-2001.
23. Participated in a International level workshop on "Catalytic Water Treatment" organized by Scientec Matrix, Belgium, Belgium from 25-Dec-2001 to 27-Dec-2001.
24. Participated in a International level conference on "Oxidation Technologies for Water and Wastewater Treatment" organized by CUTEC, Germany, Germany from 18-May-2003 to 23-May-2003.
25. Participated in a National level workshop on "Audit - Tool RIA for the Reactive Cotton Textile Wet Processing Industries in Tirupur, Tamilnadu" organized by CES & GTZ at Tirupur, Tamilnadu, India from 22-Aug-2003.
26. Participated in a National level workshop on "Audit - Tool RIA for the Reactive Cotton Textile Wet Processing Industries in Tirupur, Tamilnadu" organized by CES & GTZ at Tirupur, Tamilnadu, India from 06-Apr-2004.
27. Participated in a National level conference on "Advances in Industrial Wastewater Treatment" organized by CES, Anna University, Chennai, India from 09-Feb-2005 to 11-Feb-2005.
28. Attended a National level seminar on "Industrial water conservation - Recycle, Reuse and Zero Discharge in Industries" organized by CII, Hotel Residency Towers , Chennai, India from 06-Jul-2007.
29. Attended a National level seminar on "Manage 2008 - A one day seminar on Personal and Business value" organized by The Rotary Club of Madras Mid Town, Hotel Green Park, Chennai, India from 07-Dec-2007.

30. Participated in a National level workshop on "Climate Change its impact and adaptability" organized by National Institute of Technical Teachers Training & Research, India from 16-Sep-2009.
31. Participated in a National level workshop on "Achieving MDG 7 by accelerating access and use of quality drinking water and sanitation facilities in tamilnadu challenges and way forward" organized by UNICEF, GRT Grand Business Hotel, Chennai, India from 27-Jan-2010 to 28-Jan-2010.
32. Attended a National level seminar on "Greenics 10" organized by Society of agricultural and irrigation engineers department of civil engineering, Anna university, chennai, India from 22-Mar-2010.
33. Attended a International level seminar on "World Water Day 2010 & World Forest Day 2010" organized by Centre for Climate Change & Adaptation Research, Department of Civil Engineering, AU, Chennai, India from 24-Mar-2010.
34. Participated in a International level workshop on "Civilisation 10" organized by Department of Civil Engineering and Society of Civil Engineers, College of Engineering, Anna University, Chennai, India from 25-Mar-2010.
35. Participated in a National level workshop on "VISION workshop on CES60: A road map to 2K15" organized by CES, Anna University, Chennai, India from 12-Apr-2010.
36. Attended a National level seminar on "World Environmental Day" organized by SBOA School and Junior College, India from 10-Jun-2010.
37. Participated in a International level workshop on "STTP on Environmental Impact Assessment Guidelines & Procedures" organized by IIT Madras, India from 19-Jul-2010 to 24-Jul-2010.
38. Participated in a National level workshop on "State Level Workshop on Training Need Analysis with CCDU" organized by TWAD Board, Hotel GRT Grand, Chennai, India from 10-Aug-2010 to 11-Aug-2010.
39. Participated in a International level conference on "Advanced Oxidation Processes (AOP-2010)" organized by Centre for Environmental Education and Technology (CEET), Kottayam, India from 18-Sep-2010 to 21-Sep-2010.
40. Participated in a International level conference on "Advanced Oxidation technologies for Treatment of water, Air and Soil (AOTs-16) San Diego" organized by REDOX Technologies, US from 15-Nov-2010 to 18-Nov-2010.
41. Attended a National level seminar on "One Day Seminar on Enviro Vision 2011" organized by Centre for Environmental Studies, Anna University, Chennai, India from 02-Apr-2011.
42. Attended a National level seminar on "Roshini - Eco Friendly Efforts to Promote Sustainable Life Style" organized by CES & Institute of Energy Studies, AU, Chennai, India from 14-Nov-2011.
43. Participated in a National level conference on "climate Change and Low Carbon Economy - Opportunities for Entrepreneurs " organized by TFSC TANSTIA, Industrial Estate, India from 15-Dec-2011 to 16-Dec-2011.

44. Attended a National level seminar on "Changes and Strategies in Effective Implementation of the National Policy on Safety, Health and Environment at Workplace" organized by Regional Labour Institute, Chennai, India from 20-Jan-2012.
45. Participated in a International level conference on "Climate Change and CO2 Management, Mitigation, Separation and Utilization" organized by Centre for Environmental Studies, Anna University, Chennai, India from 02-Feb-2012 to 03-Feb-2012.
46. Attended a National level seminar on "Minimization or Alternate use of Reduction of Hazardous Waste Generation and Management" organized by Centre for Environmental Studies, Anna University, Chennai, India from 26-Feb-2013.
47. Attended a National level seminar on "Seminar on Trends in Environmental Education" organized by Centre for Environmental Studies, Anna University, India from 13-Mar-2013.
48. Attended a International level seminar on "City Dialogue on Clean Air and Sustainable Mobility" organized by Tamil Nadu Pollution Control Board & Centre for Science and Environment, India from 06-Aug-2013.
49. Attended a National level seminar on "Indian science and Engineering Regional Fair (INSEF) in collaboration with Science Society of india (SSI) (Science Fair)" organized by Agni College of Technology, India from 26-Oct-2013.
50. Participated in a International level conference on "Sustainable Innovation and Successful product Development for a Turbulent Global Market" organized by PDMA @ Indian Institute of Technology(IIT), Chennai, India from 16-Dec-2013 to 17-Dec-2013.
51. Participated in a National level conference on "28th Indian Engineering Congress" organized by The Institution of Engineers , India from 20-Dec-2013 to 22-Dec-2013.
52. Participated in a National level conference on "Indian Science and Engineering Fair (INSEF), INSEF National Fair" organized by Science Society of India and Agni College Of Technology, Chennai, india from 11-Jan-2014.
53. Attended a International level seminar on "International Symposium on Halogenated persistent Organic Pollutants- Initiatives on Existing and Emerging POPs(IEEP-2014)" organized by National Environmental Engineering Research Institute, Nagpur from 16-Jan-2014 to 17-Jan-2014.
54. Participated in a International level workshop on "Workshop on Carbon Accounting and Energy Efficiency" organized by Carbon Training International, Centre for international Affairs & Centre for Environmental Studies, Anna University, Chennai, India from 06-Feb-2014.
55. Participated in a National level conference on "A National Level Conference on Energy and Environment" organized by Anna University, Chennai from 03-Mar-2014 to 03-Mar-2014.
56. Participated in a National level conference on "EECON' 14-A National Level Conference on Energy and Environment" organized by Anna University, Chennai from 03-Mar-2014 to 03-Mar-2014.

57. Participated in a National level conference on "EECON' 14-A National Level Conference on Energy and Environment" organized by Anna University, Chennai from 03-Mar-2014 to 03-Mar-2014.
58. Participated in a International level conference on "25th IPHE National Convention on Environmental Engineering & 3rd International Conference and Exhibition" organized by Institution of Public Health Engineers India and CSIR-CLRI, Chennai, India from 12-Mar-2014 to 14-Mar-2014.
59. Attended a National level seminar on "Rashtriya Ucchatar Shiksha Abhiyan (RUSA)" organized by Tamilnadu State Council for Education, Chennai, India from 21-Mar-2014.
60. Attended a National level Short Course on "Rashtriya Ucchatar Shiksha Abhiyan (RUSA)" organized by Forma Industry, India from 02-Apr-2014.
61. Attended a International level Short Course on "UKIERI HE Leadership Development Programme – Module 2" organized by UK India Education and Research Initiative (UKIERI)/ British Council , UK, UK from 25-Apr-2016 to 29-Apr-2016.
62. Attended a National level Short Course on "Engineering and Technology for Society and Global Developments" organized by Anna University, Chennai from 27-Jun-2016 to 27-Jun-2016.
63. Participated in a National level conference on "National Conference on Energy and Environment" organized by CODISSIA Trade Fair Complex, Chennai from 16-Sep-2016 to 17-Sep-2016.
64. Participated in a International level conference on "ZLD in Industrial Wastewater Management:Recent Trends & Analysis" organized by 11th International Conference WATMAN 2017, , Chennai from 26-Feb-2017 to 26-Feb-2017.
65. Participated in a National level conference on "International Conference on Environment – 2017 " organized by National Green Tribunal, New Delhi from 25-Mar-2017 to 26-Feb-2017.
66. Participated in a National level conference on "4th National Conference on Recent Trends in "Clean Technology for sustainable Environment (CTSE)" organized by SSN College of Engineering, Chennai from 15-Sep-2017 to 15-Sep-2017.
67. Participated in a International level conference on "First Global Cleanup congress" organized by Co-operative Research Centre for Contamination Assessment and Remediation of the Environment (CRC, CARE), Australia from 22-Oct-2018 to 24-Oct-2018.
68. Participated in a National level conference on "Roadmap to Zero Waste " organized by Urban Thinker's Campus, Chennai, India from 09-Nov-2018 to 10-Nov-2018.

## Honours

1. "Tamil Nadu Young Women Scientist Award" given by Science city, Tamil Nadu state council for science & Technology from India (2005).

2. "The Shrimati Saroma Sanyal Memorial Prize" given by The Institution of Engineers from India (2009).
3. "Hiyoshi Think of Ecology Award 2013" given by Hiyoshi Corporation from Japan (2013).
4. "Her Eminence and Contribution to the Profession of Environmental Engineering" given by The Institution of Engineers (India) from India (2017).
5. "Best student Innovation Award" given by CTDT, CEG campus, Anna University from India (2018).

## Patents Filed

1. Filed patent rights for Gas-phase recovery of hydrogen from hydrogen sulphide. File number: 0

## Experience Abroad

1. Visited GTZ, Asian Management Institute Ltd, Thailand from 10-Nov-1997 to 14-Nov-1997. Purpose of visit :Workshop.
2. Visited Institute for Solar Energy Research Centre, Hannover, Germany from 01-Nov-1999 to 03-Dec-1999. Purpose of visit :International Training Programme.
3. Visited SEGHERS Technology , Antwerp, Belgium from 25-Nov-2001 to 27-Nov-2001. Purpose of visit :Scientec Matrix International Symposium on Catalytic Water Treatment.
4. Visited CUTECH, Germany from 18-May-2003 to 23-May-2003. Purpose of visit :International Conference on IWA.
5. Visited REDOX Technologies, San Diego , USA from 15-Nov-2010 to 18-Nov-2010. Purpose of visit :International Conference.
6. Visited UK India Education and Research Initiative (UKIERI)/ British Council , UK, UK from 25-Apr-2016 to 29-Apr-2016. Purpose of visit :UKIERI HE Leadership Development Programme – Module 2.

## Invited Lectures

1. Delivered a Lecture on "Sewage & Surface Drainage, Industrial Waste Management" in Workshops of Environmental and Social report Profile organized by TNUIFSL, Chennai (12-Jun-1997).
2. Delivered a Lecture on "profitable Cleaner production" in Workshop on Profitable Cleaner Production organized by GTZ, Tirupur, Tamil Nadu (14-Nov-2001).
3. Delivered a Lecture on "Treatment of Domestic Sewage- Characteristics, Objectives" in The Current and Emerging Techniques in Water Supply and Sewerage organized by TWAD & CES, Anna University, Chennai (24-Dec-2001).



4. Delivered a Lecture on "Sewage Treatment, Trickling Filter and its design," in Series of Refresher Courses on Sewage Treatment plant design organized by CPHEEO, CES, Anna University, Chennai (15-Jan-2003).
5. Delivered a Lecture on "Degradation of Recalcitrant Organic Pollutants by " in SRM Society of Civil Engineers organized by SRM Engineering College, Tamil Nadu (26-Jun-2003).
6. Delivered a Lecture on "Treatment of Domestic/ Industrial Wastewaters, App" in Workshop on Energy and Environmental Monitoring organized by Annamalai University, Tamil Nadu (14-Jun-2004).
7. Delivered a Lecture on "Water resources, Water Pollution and Industrial Wa" in FTP Programme on Environmental Science and Engineering organized by MIT Campus, AU, Chennai (07-Dec-2004).
8. Delivered a Lecture on "Cleaner Technologies in industry" in Environmental Month Celebration programme organized by Salem Steel Plant, Salem (18-Dec-2004).
9. Delivered a Lecture on "Environmental Management" in Programme on Environmental Management Systems organized by CPCL, Chennai (21-Mar-2005).
10. Delivered a Lecture on "Water and Environment" organized by Hindustan College of Engineering, Tamil Nadu (11-Apr-2005).
11. Delivered a Lecture on "Profitable Cleaner Production for Sustainable Deve" in national Conference on Environment and Sustainable Development organized by Bharathidasan University, Trichy (16-Feb-2006).
12. Delivered a Lecture on "Cleaner production Technologies for Textile Wet Pr" in National Seminar on Current trends in Green Chemistry organized by SRM Institute of Science and Technology, Chennai (06-Apr-2006).
13. Delivered a Lecture on "Nanoscale Semiconductor Photocatalysis in Environm" in National Conference on Nanotechnology and its Applications in Water Resources and Environmental Engi organized by S.R.M University, Chennai (29-Sep-2007).
14. Delivered a Lecture on "Water Environment" organized by CPCL, Chennai (17-Jan-2008).
15. Delivered a Lecture on "Studies on Treatment of Oorani Water by Filtration" in Renovation of Traditional Village Ponds (Ooranies) organized by TWAD Board &CES, AU, Chennai (09-Mar-2008).
16. Delivered a Lecture on "Emerging Trends in Air Pollution Controls of VOCs" in National Seminar on Selection of Air Pollution Control Equipment for Industrial Establishments organized by Sri Venkatesware College of engineering & Technolo, Chittoor,AP (07-Mar-2009).
17. Delivered a Lecture on "Emerging Air Pollution Control Technologies" in Training Program on Air Pollution (Prevention & Control in Industries) organized by TNPCB, Chennai (30-Oct-2009).
18. Delivered a Lecture on "Biological and Other Air Pollution Control Technol" in National Seminar on Environmental Bioremediation Technologies organized by Bharathidasan University, Tiruchirapalli (06-Nov-2009).

19. Delivered a Lecture on "Water and Air Pollution Control" in Faculty Development Training programme on Environmental Science and Engineering organized by Department of Rubber and Plastic technology, MIT C, Chromepet, Chennai (17-Dec-2009).
20. Delivered a Lecture on "Primary and Secondary Pollutants in Atmosphere, Ch" organized by National Productivity Council, No.6 SIDCO Industrial Estate, Ambattur - 98 (18-Jan-2010).
21. Delivered a Lecture on "Treatment of Textile Dyeing Wastewater" in Environmental Protection Through Recycling and Treatment organized by Kalaignar Karunanidhi Institute of Technology, Coimbatore (13-Jun-2010).
22. Delivered a Lecture on "Pollution Prevention" organized by Chinmaya School, Chennai (13-Aug-2010).
23. Delivered a Lecture on "Advanced Techniques for Gas Removal" in Air Pollution Prevention and Control in Industries organized by Tamil Nadu Pollution Control Board, Chennai (29-Jan-2011).
24. Delivered a Lecture on "Emerging Technologies for Air Pollution Control" in Seminar on Air Pollution Prevention and Control in Industries organized by Tamil Nadu Pollution Control Board, Chennai (29-Jan-2011).
25. Delivered a Lecture on "Environmental Legislations in india" in Training Programme on Environment, Health and Safety organized by Regional Labour Institute, Chennai (19-Feb-2011).
26. Delivered a Lecture on "Water Environment" in Training Programme on Environmental Management Systems organized by Chennai Petroleum Corporation Limited (CPCL), Chennai (11-Mar-2011).
27. Delivered a Lecture on "Environmental Application of Nano Technology" in Kurukshetra 2012 an International Techno Management fest under the Patronage of UNESCO organized by Anna University, Chennai (03-Feb-2012).
28. Delivered a Lecture on "Industrial Safety" in Guest Lecture For industrial safety organized by Regional labour Institute, Chennai. (19-Feb-2013).
29. Delivered a Lecture on "Water Management in Traditional Village Ponds (Ooranis) in Tamil Nadu" in National Conference on Challenges of Water Resources and Environmental Management - NCCWE 2014 organized by Easwari Engineering College , Chennai (27-Jan-2014).
30. Delivered a Lecture on "Water Management in Traditional Village Ponds in Tamil Nadu" in National Conference on Recent Trends in Advanced Materials organized by MNM Jain Engineering College, Chennai (28-Feb-2014).
31. Delivered a Lecture on "Sustainability & Community Management for best available technologies" in 25th IPHE National Convention on ENVIRONMENTAL ENGINEERING organized by ENVISION 2025, CLRI, Chennai (12-Mar-2014).

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32. Delivered a Lecture on "Environmental Sustainable Green Technology Policies" in 25th IPHE National Convention on ENVIRONMENTAL ENGINEERING organized by ENVISION 2025, Chennai (14-Mar-2014).
  33. Delivered a Lecture on "Advanced Auxiliary Process in Industrial Waste water treatment" in An International Conference on Water & Waste Water Treatment Technologies-(WATMAN-2016) organized by CSIR-CLRI, Chennai (04-Mar-2016).
  34. Delivered a Lecture on " "Recent Trends in Environmental and Structural Engineering"" in National Conference on "Recent Trends in Environmental and Structural Engineering" organized by Alagappa Chettiar College of Engineering and Techn, Chennai (10-Mar-2016).
  35. Delivered a Lecture on "HOTTER,DRIVER,WETTER,FACE THE FUTURE" in World Meteorological Day - 2016 organized by Regional Meteorological Centre, Chennai (23-Mar-2016).
  36. Delivered a Lecture on "World Environmental Day" in World Environmental Day Programme organized by Oil and Natural Gas Corporation Limited (ONGC), Chennai (06-Jun-2016).
  37. Delivered a Lecture on "World Environmental Day" in World Environmental Day Programme organized by L&T Construction (Water & Effluent Treatment) , Chennai (08-Jun-2016).
  38. Delivered a Lecture on ""Engineering and Technology for Society and Global Developments"" in International Summer School on "Engineering and Technology for Society and Global Developments" organized by Centre for International Affairs, Chennai (27-Jul-2016).
  39. Delivered a Lecture on "Sustainable Development & Environmental Management-Marching towards Sustainable World" in Advanced Certificate Course on "Sustainable Development & Environmental Management-Marching towards organized by National Institute of Technical Teachers Trainings, Chennai (29-Jul-2016).
  40. Delivered a Lecture on ""Women Empowerment through Technical and vocational Education"" in Advanced Certificate Course on "Women Empowerment through Technical and vocational Education" organized by National Institute of Technical Teachers Trainings, Chennai (29-Jul-2016).
  41. Delivered a Lecture on "Advanced Oxidation Process for Treatment of Industrial Waste waters" in "National Seminar on best practices that favour industries to comply the Environmental regulations organized by IC&CR Auditorium Centre for Industrial Consultancy, Chennai (26-Nov-2016).
  42. Delivered a Lecture on "Environmental Protection:Challenges and Remedies" in One day National Seminar on "Environmental Protection:Challenges and Remedies" organized by Department of Civil Engineering,Sri Ramakrishna En, Chennai (16-Mar-2017).
  43. Delivered a Lecture on "Certificate Distribution Function & Felicitation of Retired officials on the occasion of Golden Jubilee of RLI" in Felicitation of Retired officials on the occasion of Golden Jubilee of RLI organized by Regional Labour Institute, Chennai (27-Jul-2017).

44. Delivered a Lecture on "Clean Technology for Sustainable Environment (CTSE)" in 4th National Conference on Recent Trends in Clean Technology for Sustainable Environment (CTSE organized by SSN College of Engineering in the Department of Ch, Chennai (15-Sep-2017).
45. Delivered a Lecture on "World Plumbing Day" in 23rd Indian Plumbing Conference organized by Chennai Trade Centre, Chennai (22-Sep-2017).
46. Delivered a Lecture on "ZLD in Industrial Wastewater Management:Recent Trends & Analysis" in 11th International Conference WATMAN 2017 organized by Water Today Pvt.Ltd, Chennai (25-Feb-2018).
47. Delivered a Lecture on "Need for water Conservation & Innovative methods to achieve this" in Water Awareness Campaign (To Create Guinness World Record) organized by L&T Construction water & Effluent Treatment & SRM , Chennai (16-Mar-2018).
48. Delivered a Lecture on "Environmental Remediation" in National Conference on Recent Advances in Environmental Remediation NCRAER™18 organized by Hindustan Institute of Technology & Science, Chennai (23-Mar-2018).
49. Delivered a Lecture on "Environmental Legislation in india" in National Conference on Safety, Health & Environmental Legislations organized by Muthian Auditorium , Anna University, Chennai (28-Mar-2018).
50. Delivered a Lecture on "Beat Plastic Pollution " in World Environment Day 2018 organized by Carriage & Wagon Works Southern India, Chennai (05-Jun-2018).
51. Delivered a Lecture on "Beat Plastic Pollution " in World Environment Day 2018 organized by The Institution of Engineers (India), Chennai (05-Jun-2018).
52. Delivered a Lecture on "Global Best Practices in Effluent Treatment " in Industrial waste Management organized by CII, Industrial Waste Management, Hotel Ramada Pla, Chennai (30-Nov-2018).
53. Delivered a Lecture on "Major Environmental Concerns of India and Role of Industries towards Nation Building" in Environmental Meet & Greet organized by Pollucare Engineers India Private Limited & Tower , Chennai (04-Jan-2019).
54. Delivered a Lecture on "Major Environmental Concerns of India and Role of Industries towards Nation Building" in Environmental Meet & Greet organized by Pollucare Engineers India Private Limited & Tower , Chennai (08-Feb-2019).