

## Dr.C.RAVICHANDRAN

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Department of Environmental Sciences,  
Bishop Heber College,  
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### Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D.	Environmental Sciences	Jawaharlal Nehru University, New Delhi	1995
M.Phil	Environmental Sciences	Jawaharlal Nehru University, New Delhi	1989
M.Sc	Environmental Sciences	Bharathidasan University	1987
B.Sc	Zoology	Bharathidasan University	1985

### Ph.D. Details

Title of Thesis		Area of Specialization	
Some Meteorological Aspects of Air Pollution at Delhi		Environmental Sciences - Air Pollution Meteorology	
Research Supervisor	Research Centre	Year of Award	
Professor B. Padmanabhamurty	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi	1995	

## Additional Qualification

Name of Course	Place of Study	Date	Duration
Intensive Course on Atmospheric Boundary Layer	IISc, Bangalore	1990	2 weeks
Biology 427 - Ecology of the Indian Tropics	Heber Au Sable Institute of Environmental Studies, Bishop Heber College, Tiruchirappalli	1999	3 weeks
Publons Academy Practical Peer Review Course	Online	May 2020	10-15 hours
Online Teaching: The New Norm	Online - webinar	May 2020	one day
Unlocking Online evaluation	Online - webinar	May 2020	one day
Capacity Building Programme Roadmap to Whole person education	Online - webinar	October 2020	3 days
Orientation Programme for Academic Counsellor, IGNOU	Online	May 2021	one day
Awareness Programme on Global Handwashing day 2020	Online - webinar	October 2020	one day
Faculty Development Programme on Student Mental Health	Trichy	July 2022	one day
India Achievements in Science and Technology	Trichy	February 2022	one week

BISHOP HEBER COLLEGE	Puthur, Tiruchirappalli - 620017	Associate Professor	23-09-1993	TILL DATE
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Teaching / Research Experience				
U.G. :	5	P.G. :	30	M.Phil. : 19
				Ph.D. : 21

Research Guidance				
U.G. :	0	P.G. :	45	M.Phil. : 8
				Ph.D. : 11

## Table of Contents

1.	<b>Conferences / workshops / Seminars Attended</b>	<b>37</b>
2.	<b>Research Papers Presented</b>	<b>31</b>
3.	<b>Publication in Journals</b>	<b>56</b>
4.	<b>Publication in Books</b>	<b>7</b>
5.	<b>Books Published / Edited</b>	<b>1</b>
6.	<b>Conferences / Workshops / Seminars Organised</b>	<b>7</b>
7.	<b>Research Projects</b>	<b>2</b>
8.	<b>Resource Person</b>	<b>65</b>
9.	<b>Consultancy</b>	<b>3</b>
10.	<b>Awards Recieved</b>	<b>3</b>
11.	<b>Patent</b>	<b>0</b>
12.	<b>Extension Activities Undertaken</b>	<b>2</b>
13.	<b>Professional Membership</b>	<b>5</b>
14.	<b>M.Phil. / Ph.D. Produced</b>	<b>8 / 18</b>

1. International level Conference on **"Heber International Conference on Climate Adaptation and Resilience"** sponsored by Bishop Heber College - BHC Eco Consultancy organized by Department of Environmental Sciences Bishop Heber College at Trichy during 22/04/2022 to 23/04/2022.
2. University level Workshop on **"Innovative Curriculum Designing and Evaluation"** sponsored by Bharathidasan University organized by CCCD, Bharathidasan University at Tiruchirappalli during 14/08/2015 to 14/08/2015.
3. National level Workshop on **"Capacity Building on Environmental Certification"** sponsored by United Board, Hong Kong organized by United Board Heber Partnership for Environmental Action, Bishop Heber College at Tiruchirappalli during 25/06/2015 to 25/06/2015.
4. National level Workshop on **"Photovoltaic System Designing and Installation"** sponsored by UGC organized by Department of Physics, Bishop Heber College at Tiruchirappalli during 16/03/2015 to 17/03/2015.
5. National level Workshop on **"Training Programme on Environmental Impact Assessment"** sponsored by United Board, Hong Kong organized by Centre for Environmental Studies, Lady Doak College at Madurai during 09/07/2014 to 12/07/2014.
6. National level Conference on **"Biodiversity and Environment, NCBE - 2014"** sponsored by United Board, Hong Kong organized by United Board Heber Partnership for Environmental Action, Bishop Heber College at Shillong during 10/02/2014 to 12/02/2014.
7. Regional level Workshop on **"Spectroscopic Analysis of Solid and Liquid Samples"** sponsored by Perkin Elmer India Pvt. Ltd. organized by Centre for Energy & Environmental Science and Technology, NIT at Tiruchirappalli during 05/09/2013 to 05/09/2013.
8. State level Workshop on **"Two-day Leadership Training Camp"** sponsored by Aided College Teachers Association organized by Aided College Teachers Association at Kolli Hills during 01/06/2013 to 02/06/2013.
9. State level Conference on **"Crises in Higher Education - An Indian Perspective"** sponsored by Aided College Teachers Association organized by Aided College Teachers Association at Tiruchirappalli during 06/04/2013 to 06/04/2013.
10. International level Conference on **"RENERGY COIMBATORE 2013"** sponsored by Energy Alternatives, India organized by CODISSIA & TEDA at Coimbatore during 24/01/2013 to 25/01/2013.
11. National level Workshop on **"Dynamics of Research Methodology"** sponsored by UGC organized by Academic Staff College, Pondicherry University at Pondicherry during 09/08/2012 to 10/08/2012.
12. -1 level Workshop on **"Capacity Building for Sustainable Development"** sponsored by United Board, Hong Kong organized by United Board Heber Partnership for Environmental Action, Bishop Heber College at Tiruchirappalli during 22/02/2012 to 23/02/2012.
13. National level Workshop on **"Campus Waste Management"** sponsored by United Board Heber Partnership for Environmental Action organized by Bishop Heber College at TIRUCHIRAPPALLI during 26/08/2011 to 26/08/2011.
14. National level Seminar on **"ECOCORPS 2011"** sponsored by UGC organized by Department of Environmental Sciences, Bishop Heber College at Tiruchirappalli during 10/02/2011 to 11/02/2011.
15. National level Conference on **"Inclusive & Greener Cities"** sponsored by CHF International organized by Centre for Social Action, Christ University at Bengaluru during 24/01/2011 to 25/01/2011.
16. National level Orientation on **"Campus Environmental Audit"** sponsored by United Board, Hong Kong organized by United Board Heber Partnership for Environmental Action, Bishop Heber College at Tiruchirappalli during 28/10/2010 to 29/10/2010.
17. National level Workshop on **"Environmental Sustainability Leadership Programme: A Climate Change Workshop for Civil Society"** sponsored by The Climate Project - India organized by The Climate Project - India at Mumbai during 21/11/2009 to 21/11/2009.



18. State level Workshop on **"One day Training on Vermicomposting"** sponsored by TNAU organized by Department of Soil and Environment, Agricultural College and Research Institute at Madurai during 28/07/2009 to 28/07/2009.
19. International level Conference on **"Consultation on Environmental Initiatives in Asian Higher Education Institutions"** sponsored by United Board, Hong Kong organized by United Board, Hong Kong at Hong Kong during 25/06/2009 to 27/06/2009.
20. National level Seminar on **"Issues and Impacts of Climate Change on Community"** sponsored by WASH Institute organized by WASH Institute & Gandhigram Rural University at Gandhigram during 21/03/2009 to 21/03/2009.
21. College level Workshop on **"Environmental Laws of India"** sponsored by C.P.R. Environmental Education Centre organized by Bishop Heber College at Tiruchirappalli during 28/02/2008 to 28/02/2008.
22. International level Workshop on **"Environmental and Resource Economics"** sponsored by United Board, Hong Kong organized by Madras School of Economics at Chennai during 27/06/2007 to 30/06/2007.
23. University level Workshop on **"Curriculum Development and Evaluation"** sponsored by TANSCH & UGC organized by Academic Staff College, Bharathidasan University at Tiruchirappalli during 09/03/2006 to 11/03/2006.
24. National level Conference on **"Social Problems in India: Perspectives for Intervention"** sponsored by UGC organized by Department of Social Work, Bishop Heber College at Tiruchirappalli during 25/11/2004 to 27/11/2004.
25. Regional level Refresher on **"Refresher course in Microbiology"** sponsored by UGC organized by Academic Staff College, Bharathidasan University at Tiruchirappalli during 01/11/2004 to 21/11/2004.
26. Regional level Refresher on **"Environmental Sciences"** sponsored by UGC organized by Gandhigram Rural Institute - Deemed University at Gandhigram during 10/09/2003 to 30/09/2003.
27. State level Workshop on **"Ecology for College Teachers"** sponsored by Au Sable Institute, Mancelona, Michigan, USA organized by Heber Au Sable Institute of Environmental Studies, Bishop Heber College at Western Ghats during 18/08/2003 to 22/08/2003.
28. National level Seminar on **"Solid Waste Management - Current Status and Strategies for Future"** sponsored by UGC organized by Department of Environmental Sciences, Bangalore University at Bangalore during 12/12/2002 to 14/12/2002.
29. Regional level Refresher on **"Recent Trends in Biological Research and Extension for the Development of Rural Women"** sponsored by UGC organized by Gandhigram Rural Institute - Deemed University at Gandhigram during 05/09/2001 to 25/09/2001.
30. National level Seminar on **"Pollution - A threat to the Nation, ENVIRO 2K1"** sponsored by UGC organized by Department of Chemistry, Bishop Heber College at Tiruchirappalli during 08/03/2001 to 09/03/2001.
31. State level Workshop on **"Remote Sensing"** sponsored by Indian Space Research Organization organized by Centre for Remote Sensing, Bharathidasan University at Tiruchirappalli during 12/02/2001 to 13/02/2001.
32. Regional level Seminar on **"Environmental Pollution and Pollution Control Methods"** sponsored by Department of Energy, Bharathidasan University organized by Department of Energy, Bharathidasan University at Tiruchirappalli during 21/03/2000 to 22/03/2000.
33. -1 level Conference on **"Fourth National Symposium on Students Projects on Correlation Analysis"** sponsored by Department of Chemistry, Bishop Heber College organized by Department of Chemistry, Bishop Heber College at Tiruchirappalli during 12/03/2000 to 12/03/2000.
34. State level Workshop on **"Workshop on GIS"** sponsored by Periyar Maniammai College of Technology for Women organized by Periyar Maniammai College of Technology for Women at Thanjavur during 19/08/1999 to 19/08/1999.

35. State level Orientation on "**ORIENTATION FOR COLLEGE TEACHERS**" sponsored by UGC organized by Academic Staff College, Bharathidasan University at Tiruchirappalli during 19/03/1997 to 15/04/1997.
36. State level Seminar on "**Advanced Leadership**" sponsored by Haggai Institute organized by Haggai Institute at Tiruchirappalli during 25/08/1995 to 27/08/1995.
37. National level Conference on "**Annual Conference**" sponsored by Indian Association for Environmental Management organized by IIT at Kanpur during 10/11/1989 to 12/11/1989.



1. **"Assessment of Changes in Land Use and Land Cover in Selected Places Using Remote Sensing Data"** in the International conference on *STARS 2022 – International Conference on Scientific Technological Advancements for Reliable and Sustainable Future* sponsored by Bishop Heber College, organized by Deanery of Academics & Department of Environmental Sciences, Bishop Heber College at Tiruchirappalli during 16/11/2022 to 18/11/2022.
2. **"Assessment of Irrigation Water Quality of Selected Wetlands in Tiruchirappalli District, Tamil Nadu"** in the International conference on *STARS 2022 – International Conference on Scientific Technological Advancements for Reliable and Sustainable Future* sponsored by Bishop Heber College, organized by Deanery of Academics & Department of Environmental Sciences, Bishop Heber College at Tiruchirappalli during 16/11/2022 to 18/11/2022.
3. **"Mapping of Soil Quality Parameters Using GIS Techniques in and around Sewage Treatment Plant, Punjapur, Tiruchirappalli District"** in the International conference on *STARS 2022 – International Conference on Scientific Technological Advancements for Reliable and Sustainable Future* sponsored by Bishop Heber College, organized by Deanery of Academics & Department of Environmental Sciences, Bishop Heber College at Tiruchirappalli during 16/11/2022 to 18/11/2022.
4. **"Contribution of Food Delivery Vehicles on Global Warming and Air Pollution in Tiruchirappalli"** in the International conference on *STARS 2022 – International Conference on Scientific Technological Advancements for Reliable and Sustainable Future* sponsored by Bishop Heber College, organized by Deanery of Academics & Department of Environmental Sciences, Bishop Heber College at Tiruchirappalli during 16/11/2022 to 18/11/2022.
5. **"Study on Antimicrobial Activity of Copper Vessel for Drinking Water Storage"** in the International conference on *STARS 2022 – International Conference on Scientific Technological Advancements for Reliable and Sustainable Future* sponsored by Bishop Heber College, organized by Deanery of Academics & Department of Environmental Sciences, Bishop Heber College at Tiruchirappalli during 16/11/2022 to 18/11/2022.
6. **"Detection of Break-in 115 year South Indian Monsoon Rainfall series using Statistical Analysis"** in the International conference on *Heber International Conference on Applications of Actuarial Science, Mathematics, Management and Computer Science (HICAAMMC-2019)* sponsored by LIC India, organized by Department of Actuarial Science at Bishop Heber College Tiruchirappalli during 07/01/2019 to 08/01/2019.
7. **"Impact of Surface Mean Flow and Drag Coefficient behavior during tropical cyclone GAJA at an inland site of Tiruchirappalli, Tamil Nadu"** in the International conference on *Heber International Conference on Applications of Actuarial Science, Mathematics, Management and Computer Science (HICAAMMC-2019)* sponsored by LIC India, organized by Department of Actuarial Science at Bishop Heber College Tiruchirappalli during 07/01/2019 to 08/01/2019.
8. **"Contribution of solid waste by eateries in selected locations in Tiruchirappalli, Tamil Nadu, India"** in the International conference on *8th International Science Congress ISC 2018* sponsored by International Science Community Association, organized by Maharishi Markandeshwar University at Ambala Haryana India during 08/12/2018 to 09/12/2018.
9. **"Ecological Significance of Ficus sp. In Ullandy Range, Anamalai tiger Reserve, Pollachi, Tamil Nadu India"** in the International conference on *8th International Science Congress ISC 2018* sponsored by International Science Community Association, organized by Maharishi Markandeshwar University at Ambala Haryana India during 08/12/2018 to 09/12/2018.
10. **"Evaluation of Biometeorological indices based on observational data and model simulations for an urban tropical coastal region in Tamil Nadu, India"** in the International conference on *Vingnanam International Research Conference – VIRC 2018* sponsored by University of Jaffna, organized by University of Jaffna at Jaffna Sri Lanka during 04/07/2018 to 04/07/2018.
11. **"Comparative analysis of butterfly populations in Two Periods"** in the International conference on *International Conference on Natural Science and Environment* sponsored by International Institute of Engineers and Researchers, organized by International Institute of Engineers and Researchers at Oxfore, UK during 31/07/2016 to 31/07/2016.



12. **"Range Extension of Southern Bird wing– At Pachamalai Hills, Eastern Ghats, Tamil Nadu, India"** in the National conference on *National Conference on Biodiversity and Environment, NCBE – 2014* sponsored by UBHPEA, organized by Jointly organized by The North-Eastern Hills University (NEHU), Shillong, Albert Einstein Science Institute, Shillong and PG & Research Dept. of Environmental Sciences, Bishop Heber College, Tiruchirappalli at Shillong during 10/02/2014 to 12/02/2014.
13. **"Diversity of Butterflies in selected Parks in Tiruchirappalli City, Tamilnadu"** in the National conference on *National Conference on Biodiversity and Environment, NCBE – 2014* sponsored by UBHPEA, organized by Jointly organized by The North-Eastern Hills University (NEHU), Shillong, Albert Einstein Science Institute, Shillong and PG & Research Dept. of Environmental Sciences, Bishop Heber College, Tiruchirappalli at Shillong during 10/02/2014 to 12/02/2014.
14. **"Noise Pollution in Residential Areas of Tiruchirappalli city, Tamil Nadu"** in the Select conference on *National Conference on Biodiversity and Environment, NCBE – 2014* sponsored by UBHPEA, organized by Jointly organized by The North-Eastern Hills University (NEHU), Shillong, Albert Einstein Science Institute, Shillong and PG & Research Dept. of Environmental Sciences, Bishop Heber College, Tiruchirappalli at Shillong during 10/02/2014 to 12/02/2014.
15. **"Impact of Tourism on Ambient Air Quality at Grand anicut, Thanjavur District"** in the National conference on *National Conference on Biodiversity and Environment, NCBE – 2014* sponsored by UBHPEA, organized by Jointly organized by The North-Eastern Hills University (NEHU), Shillong, Albert Einstein Science Institute, Shillong and PG & Research Dept. of Environmental Sciences, Bishop Heber College, Tiruchirappalli at Shillong during 10/02/2014 to 12/02/2014.
16. **"Diversity of Water Birds in Periyakulam wetland in Thiruverumbur Taluk, Tiruchirappalli District, Tamilnadu"** in the National conference on *National Conference on Biodiversity and Environment, NCBE – 2014* sponsored by UBHPEA, organized by Jointly organized by The North-Eastern Hills University (NEHU), Shillong, Albert Einstein Science Institute, Shillong and PG & Research Dept. of Environmental Sciences, Bishop Heber College, Tiruchirappalli at Shillong during 10/02/2014 to 12/02/2014.
17. **"Riparian Vegetation of the Distributaries of River Cauvery in Manachanallur and Lalgudi Taluks, Tiruchirappalli District, Tamilnadu"** in the National conference on *National Conference on Biodiversity and Environment, NCBE – 2014* sponsored by UBHPEA, organized by Jointly organized by The North-Eastern Hills University (NEHU), Shillong, Albert Einstein Science Institute, Shillong and PG & Research Dept. of Environmental Sciences, Bishop Heber College, Tiruchirappalli at Shillong during 10/02/2014 to 12/02/2014.
18. **"Impact of climate change on community"** in the National conference on *National seminar on Issues and Climate Change on Community* sponsored by Water Aid and Plan, India, organized by Wash Institute at Gandhigram Rural University, Gandhigram during 20/03/2009 to 21/03/2009.
19. **"Biomedical waste management practices in Neyveli"** in the National conference on *National seminar on "Clean & Green Environment"* sponsored by UGC, organized by Department of Environmental Sciences, Bishop Heber college at Tiruchirappalli during 06/03/2009 to 07/03/2009.
20. **"Environmental impact of urbanization in Nochiyam, Tiruchirappalli"** in the National conference on *National seminar on "Clean & Green Environment"* sponsored by UGC, organized by Department of Environmental Sciences, Bishop Heber college at Tiruchirappalli during 06/03/2009 to 07/03/2009.
21. **"Composition of solid wastes generated during festival days at Ammamandapam (Srirangam), Tiruchirappalli"** in the National conference on *National seminar on "Clean & Green Environment"* sponsored by UGC, organized by Department of Environmental Sciences, Bishop Heber college at Tiruchirappalli during 06/03/2009 to 07/03/2009.
22. **"Impact of Municipal solid waste dumping on the quality of ground water"** in the National conference on *National seminar on "Clean & Green Environment"* sponsored by UGC, organized by Department of Environmental Sciences, Bishop Heber college at Tiruchirappalli during 06/03/2009 to 07/03/2009.



23. **"Environmental impact of "Vaigunda Egadeshi" on water quality of River Cauvery"** in the National conference on *National seminar on "Clean & Green Environment"* sponsored by UGC, organized by Department of Environmental Sciences, Bishop Heber college at Tiruchirappalli during 06/03/2009 to 07/03/2009.
24. **"Noise pollution assessment in Srirangam during "Vaigunda Egadeshi" festival"** in the National conference on *National seminar on "Clean & Green Environment"* sponsored by UGC, organized by Department of Environmental Sciences, Bishop Heber college at Tiruchirappalli during 06/03/2009 to 07/03/2009.
25. **"Environmental problems : atmospheric and noise pollution"** in the State conference on *One-day seminar on "Recent trends in Zoology"* sponsored by , organized by National College at Tiruchirappalli during 06/12/2006 to 01/01/1900.
26. **"Assessment of noise pollution and its impact due to automobiles in five urban centers"** in the International conference on *International Conference on Environment and Development: Developing Countries Perspectives* sponsored by , organized by Jawaharlal Nehru University at New Delhi during 07/04/2005 to 08/04/2005.
27. **"Air and noise pollution in Tiruchirappalli urban area"** in the National conference on *National Workshop on "Remote sensing for Environmental Studies"* sponsored by , organized by Department of Geography, Bharathidasan University at Tiruchirappalli during 21/02/2005 to 25/02/2005.
28. **"Environmental impact due to noise generated during festivals, rituals and other ceremonies in Tamil Nadu"** in the National conference on *UGC-Sponsored 3-day Conference on "Social Problems in India"* sponsored by UGC, organized by Department of Social Work, Bishop Heber college at Tiruchirappalli during 25/11/2004 to 27/11/2004.
29. **"Prevalence of Leptospirosis among Agricultural and Sanitary Workers"** in the International conference on *International Conf. on Health, Occupation & Environment* sponsored by Industrial Toxicology Research Centre, Lucknow, organized by Industrial Toxicology Research Centre, Lucknow at Lucknow during 01/11/2004 to 03/11/2004.
30. **"Vermicomposting of municipal solid waste in Tiruchirappalli city"** in the National conference on *National Seminar on Solid waste Management* sponsored by Bangalore University, organized by Department of Environmental Science, Bangalore University at Bengaluru during 12/12/2002 to 14/12/2002.
31. **"Sutrupura Soozhalum, masu kattupadum"** in the State conference on *Ilakku 94* sponsored by Tamil Manram, organized by Tamil Manram, Regional Engineering College at Tiruchirappalli during 21/01/1994 to 22/01/1994.

1. **"Avian fig foragers in sustaining forest ecosystem in Kariyanshola, a heritage site of Anamalai Tiger Reserve"** published in Indian Journal of Forestry (PEER REVIEW) Vol. 46, Issue No. 2, September 2023 **ISSN : 0971-9431**.  
Impact factor , Scopus Index , h - index , Citation index 1686
2. **"Impact of heavy metals from electronic waste on bird species concerning biodiversity: A case study in Bellandur lake Bengaluru India"** published in Environmental Health Engineering and Management Journal (PEER REVIEW) Vol. 10, Issue No. 3, June 2023 **ISSN : 2423-3765**.  
Impact factor , Scopus Index , h - index 9, Citation index
3. **"Vegetation along the Roadway to a Tourist Destination: Aliyar to Valparai"** published in Ela Journal of Forestry and Wildlife (PEER REVIEW) Vol. 11, Issue No. 3, September 2022 **ISSN : 2319-4361**.
4. **"Climate change impact on Tourism"** published in Advances and Applications in Mathematical Sciences (PEER REVIEW) Vol. 21, Issue No. 6, April 2022 **ISSN : 0974-6803**.
5. **"Analysis of trend and magnitude using Mann Kendall and Sen slope test in 115 years annual rainfall data of South India"** published in Advances and Applications in Mathematical Sciences (PEER REVIEW) Vol. 21, Issue No. 6, April 2022 **ISSN : 0974-6803**.
6. **"Policy interventions for E-waste flow system to minimize ecosystem toxicity"** published in ANVESAK (PEER REVIEW) Vol. 51, Issue No. 2, December 2021 **ISSN : 0378-4568**.
7. **"Appraisal of seasonal variations in water quality of river Cauvery using multivariate analysis"** published in Water Science (PEER REVIEW) Vol. 35, Issue No. 1, March 2021 **ISSN : 1110-4929**.
8. **"Mapping and Valuing Ecosystem Services Using InVEST Software Modelling as an approach for Biodiversity Conservation: A Case Study from Periyar Tiger Reserve, Southern Western Ghats, India"** published in Our Heritage (PEER REVIEW) Vol. 68, Issue No. 4, January 2020 **ISSN : 0474-9030**.
9. **"An assessment of water yield ecosystem services in Periyar Tiger Reserve, Southern Western Ghats of India"** published in Geology, Ecology, and Landscapes (PEER REVIEW) Vol. , Issue No. , December 2019 **ISSN : 2474-9508**.
10. **"CO Levels during Diwali Festival in Tiruchirappalli City, Tamil Nadu: A Case Study"** published in Journal of Emerging Technologies and Innovative Research (PEER REVIEW) Vol. 6, Issue No. 6, June 2019 **ISSN : 2349-5162**.
12. **"Detection of Break-in 115 year South Indian Monsoon Rainfall series using Statistical Analysis"** published in International Journal of Management, IT & Engineering (PEER REVIEW) Vol. 9, Issue No. 1, January 2019 **ISSN : 2249-0558**.

13. **"Impact of Surface Mean Flow and Drag Coefficient behavior during tropical cyclone GAJA at an inland site of Tiruchirappalli, Tamil Nadu"** published in International Journal of Management, IT & Engineering (PEER REVIEW) Vol. 9, Issue No. 1, January 2019 ISSN : 2249-0558.
14. **"Diversity of water birds in Koothapar Periyakulam wetland in Tiruchirappalli District, Tamilnadu, India"** published in International Research Journal of Environmental Sciences (PEER REVIEW) Vol. 4, Issue No. 11, November 2015 ISSN : 2319-1414.
15. **"Assessment of water quality in Koothapar wetland, Tiruchirappalli district"** published in International Research Journal of Engineering and Technology (E-JOURNAL) Vol. 2, Issue No. 2, May 2015 ISSN : 2395-0056.
16. **"Vermi-Composting of municipal solid wastes and Eichornia crassipipes using Eudrilus eugeniae"** published in Golden Research Thoughts (PEER REVIEW) Vol. 4, Issue No. 11, May 2015 ISSN : 2231-5063.
17. **"Vermi-Composting of biogas plant slurry and cow dung with Eudrilus eugeniae and its effects on Vigna radiate"** published in Pelagia research library advances in applied science research (PEER REVIEW) Vol. 6, Issue No. 7, January 2015 ISSN : 0976-8610.
18. **"water quality of selected distributaries of river Cauvery in Tiruchirappalli District, India"** published in Golden Research Thought (PEER REVIEW) Vol. 4, Issue No. 5, November 2014 ISSN : 2231-5063.
19. **"Role and Contribution of Rag-Pickers in Solid Waste Management and Their Health Problems in Erode City, Tamil Nadu"** published in Indian J. Env. Prot. (PEER REVIEW) Vol. 34, Issue No. 10, October 2014 ISSN : 0253-7141.
20. **"Assessment of water quality in villages along the East coas of Tamil Nadu between Cuddalore and Tharangambadi"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 34, Issue No. 09, September 2014 ISSN : ---.
21. **"Physico-chemical characteristics of sediments in distributariesof river Cauvery, Tiruchirappalli, Tamil Nadu"** published in Sch. Acad. J. Bioscience (PEER REVIEW) Vol. 02, Issue No. 07, July 2014 ISSN : ---.
22. **"Physico-chemical Characteristics of Sediments in Distributaries of River Cauvery, Tiruchirappalli, Tamil Nadu"** published in Scholar Academic Journal of Biosciences (PEER REVIEW) Vol. 2, Issue No. 7, July 2014 ISSN : 2321-6883.
23. **"Quality of drinking water and ground water in selected places in Ariyalur town"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 34, Issue No. 05, May 2014 ISSN : 0253-7141.
24. **"Impact of east coaston ambient air quality between Cuddalore and Tharangambadi, Tamil Nadu"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 34, Issue No. 02, February 2014 ISSN : 0253-7141.

25. **"Assessment of noise pollution due to fly-over construction in Tiruchirappalli District, Tamil Nadu"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 32, Issue No. 10, October 2012 ISSN : 0253-7141.
26. **"Degradation of Petroleum Oil By Enterococcus cloacae"** published in Asian Journal of Microbial Biotechnology and Environmental Sciences (PEER REVIEW) Vol. 12, Issue No. 3, March 2010 ISSN : 09723005.  
Impact factor , Scopus Index , h - index 7, Citation index
27. **"Solid waste, its health impairments and role of rag-pickers in Tiruchirappalli city, Tamilnadu, Southern India"** published in Waste management & Research, SAGE Publication (PEER REVIEW) Vol. 28, Issue No. , November 2009 ISSN : 0734-242X.
28. **"solid waste, its health impairments and role of rag-pickers in Tiruchirappalli city, Tamil Nadu, Southern India"** published in Waste management Research, SAGE Publication (PEER REVIEW) Vol. 28, Issue No. 11, November 2009 ISSN : 0734-242X.
29. **"Assessment of noise pollution and its impact in a SIPCOT industrial area in Tamil Nadu"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 29, Issue No. 09, September 2009 ISSN : 0253-7141.
30. **"Environmental quality of selected temple ponds in Tiruchirappalli"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 29, Issue No. 05, October 2008 ISSN : 0253-7141.
31. **"Noise pollution assessment in Panruti, Cuddalore, Viluppuram, Pondicherry, and Kodaikanal"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 28, Issue No. 10, October 2008 ISSN : 0253-7141.
32. **"Potability of drinking water at Kodaikanal and Kumbakonam"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 28, Issue No. 05, May 2007 ISSN : 0253-7141.
33. **"Environmental noise pollution in Salem, Tamilnadu, India"** published in Jouranl of Industrial Pollution and Control (PEER REVIEW) Vol. 21, Issue No. 2, February 2005 ISSN : 0970-2083.
34. **"Noise pollution assessment in selected transport facilities and traffic beats in Tiruchirappalli"** published in Indian J. Env. Prot. (PEER REVIEW) Vol. 24, Issue No. 6, June 2004 ISSN : 0253-7141.
35. **"Vermicompost from different solid wastes using treated dairy effluent"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 21, Issue No. 06, June 2001 ISSN : ---.
36. **"Impact of Deepavali fire works on air quality and noise levels in Tiruchirappalli"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 21, Issue No. , June 2001 ISSN : ---.



37. **"A preliminary study on ambient air quality with special reference to total oxidants in Tiruchirappalli"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 21, Issue No. 03, March 2001 ISSN : ---.
38. **"Noise pollution assessment in Chidambaram, Erode and Thanjavur towns in Tamil Nadu"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 20, Issue No. 12, December 2000 ISSN : ---.
39. **"Noise pollution assessment in Pudukkottai"** published in Pollution Research (PEER REVIEW) Vol. 19, Issue No. 3, March 2000 ISSN : 0257-8050.

Impact factor , Scopus Index 18, h - index , Citation index

40. **"An assessment of noise pollution due to automobiles in Cuddalore, Tamilnadu"** published in Indian Journal of Environmental and Health (PEER REVIEW) Vol. 41, Issue No. , October 1999 ISSN : ---.
41. **"Occupational health hazards in industries due to noise pollution"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 19, Issue No. 07, July 1999 ISSN : ---.
42. **"Chemical composition of rain water in Tiruchirappalli city"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 19, Issue No. 05, May 1999 ISSN : ---.
43. **"Emission of SPM, So<sub>2</sub>, No<sub>2</sub> and particulate lead from petrol driven 2 and 3 wheelers"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 19, Issue No. 03, March 1999 ISSN : ---.
44. **"A short report on ambient air quality in side and outside Tiruchirappalli city"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 18, Issue No. 06, June 1998 ISSN : ---.
45. **"Status of noise pollution in Hosur"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 18, Issue No. 04, April 1998 ISSN : ---.
46. **"A short report on ambient air quality in the vicinity of a cement plant at Dalmiapuram"** published in Indian Journal of Environmental protection (SELECT) Vol. 18, Issue No. 01, January 1998 ISSN : ---.
47. **"Presence of few heavy metals, Lead, Zinc and iron in air, soil and dust in Tiruchirappalli"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 17, Issue No. 10, October 1997 ISSN : ---.
48. **"Ambient air quality at selected sites in Bangalore city"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 17, Issue No. 03, March 1997 ISSN : ---.

49. **"The status of noise pollution in Tiruchirappalli city"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 17, Issue No. 01, January 1997 ISSN : ---.
50. **"Ambient air quality at selected sites in Tiruchirappalli city"** published in Indian J. Env. Prot. (PEER REVIEW) Vol. 16, Issue No. 10, October 1996 ISSN : 0253-7141.
51. **"A preliminary study of aerosol chemistry in the ambient atmosphere of a cement plant at Ariyalur"** published in J.Ecotoxicol.EnvIRON.Monit. (PEER REVIEW) Vol. 5, Issue No. , January 1995 ISSN : 0971-0965.
52. **"Acid Precipitation in Delhi, India"** published in Atmospheric Environment (PEER REVIEW) Vol. 28, Issue No. 14, August 1994 ISSN : 1352-2310.
53. **"Application of diffusion climatology in the EIA of Industries"** published in Journal IAEM (PEER REVIEW) Vol. 16, Issue No. , February 1989 ISSN : 0970-8480.
54. **"Vegetation Along The Roadway To A Tourist Destination: Aliyar To Valparai"** published in Ela Journal of Forestry and Wildlife (PEER REVIEW) Vol. 11, Issue No. 3, January 1990 ISSN : 2319-4361.
55. **"A study on the diffusion climatology over Delhi"** published in Energy and Buildings (PEER REVIEW) Vol. 15-16, Issue No. 2, ISSN : ---.
56. **"Airborne carbon particulate matter with reference to a cement plant at Ariyalur"** published in Indian Journal of Environmental protection (PEER REVIEW) Vol. 16, Issue No. 5, ISSN : ---.

Impact factor 2.97, Scopus Index , h - index , Citation index

## Publication in Books

- 7

1. **Alternative Building Materials - Road to Sustainability.** Sustainability Studies: Environmental and Energy Management. Singapore :Bentham Science Publishers Pte. Ltd., December 2022.
2. **Toward Sustainable Solid Waste Management - Challenges and opportunities.** Handbook of advanced approaches towards pollution prevention and control volume 2. Netherlands :Elsevier, February 2021.
3. **Air Pollution Meteorology.** Global Perspectives on Air Pollution Prevention and Control System Design. Pennsylvania, USA :IGI Global, June 2019.
4. **A Study on Identifying the Key Threats to the Water Quality of Selected Tributaries of River Cauvery in Tiruchirappalli District, South India.** Climate Change in Water Resources. New Delhi :Allied Publisher Pvt. Ltd., January 2019.
5. **Recent Trends and Variation in Surface Layer Wind observation at a Tropical Coastal site of Kalpakkam.** Sustainable Development of Natural Resources. New Delhi :R.K.Books, January 2018.
6. **A Probe on the Status of Microorganism in the Air, Soil and SW samples of Ariyamangalam Dumping site at Tiruchirappalli.** Microbial Research in Agroecosystem Management. New Delhi :Springer India, January 2013.
7. **Neer Vazhvin Amutham.** Thanner Melanmai, Vazham, Sakthi. Trichy :Nivethitha - Health and Education Trust, January 2004.

## Books Published / Edited

- 1

- \* Dr.C.Ravichandran . **Air Pollution and Management.** Coimbatore : School of Distance Education, Bharathiar University , April 2009.

## Conferences / Workshops / Seminars Organised

- 7

1. International level Conference Entitled **"Sustainable Environment & Economy Towards Transforming the World by 2030"** at Tiruchirappalli, sponsored by UGC - Bishop Heber College, during 21/03/2023 to 23/03/2023.
2. International level Conference Entitled **"Heber International Conference on Climate Adaptation and Resilience"** at Tiruchirappalli India, sponsored by UGC and Bishop Heber College, during 22/04/2022 to 23/04/2022.
3. National level Seminar Entitled **"National Seminar on Environmental Challenges in Conservation of Resources of One Planet for Sustainable Development"** at Bishop Heber College, Trichy, sponsored by UGC, during 10/02/2011 to 11/02/2011.
4. National level Seminar Entitled **"National Seminar on Clean and Green Environment - 2009"** at Bishop Heber College, Trichy, sponsored by UGC, during 06/03/2009 to 07/03/2009.
5. State level Seminar Entitled **"Seminar on Environmental Awareness - SEA 2008"** at Bishop Heber College, Trichy, sponsored by Bishop Heber College, Trichy, during 27/03/2008 to 27/03/2008.
6. State level Conference Entitled **"Envirousant"** at Bishop Heber College, Trichy, sponsored by Dept of Env. Sci. and Heber Au Sable Institute of Env. Studies, during 11/03/2008 to 01/01/1900.
7. College level Workshop Entitled **"Environmental Laws of India"** at Bishop Heber College, Trichy, sponsored by C.P.R. Environmental Education Centre, Chennai, during 28/02/2008 to 01/01/1900.

**Awards Recieved - 3**

<b>Award Name</b>	<b>Presented by</b>	<b>Year</b>	<b>Level</b>	<b>Instituted by / Place</b>	<b>amount</b>
Best Researcher (Senior Category)	Bishop Heber College	21/05/2022	COLLEGE	Bishop Heber College	
Best Research Award 2020	Bishop Heber College	01/03/2020	COLLEGE	Bishop Heber College	3000
Best Researcher Award	Bishop Heber College	22/03/2018	COLLEGE	Bishop Heber College	3000

**RESEARCH PROJECTS - 2**

1. Minor project entitled **"Assessment of Noise Pollution and its Impact due to Automobiles in five urban centres - in Tamil Nadu"** (*PRINCIPAL INVESTIGATOR*), Sponsored by UGC, during 01/01/2000 to 12/31/2001 [Completed].
2. Major project entitled **"Water Quality Monitoring Programme in River Cauvery from Bhavani to Tiruchirappalli"** (*CO-INVESTIGATOR*), Sponsored by MoEF, during 01/01/1998 to 2004 [Completed].

**EXTENSION / PART V ACTIVITIES UNDERTAKEN - 2**

1. Coordinator, Part V Eco Restoration Services for UG Students for the Bishop Heber College Trichy during 01/06/2019 to 31/05/2020.
2. President, Environmental Sciences Association for M.Sc. Environmental Sciences Students for the Dept. of Env. Sci. Bishop Heber College, Trichy during 16/06/1994 to 31/05/2005.

**PROFESSIONAL MEMBERSHIP - 5**

- \* Environmental Science Board of studies Member of PSG College of Arts & Sci., Coimbatore during 20/08/2015 - Till Date
- \* Environmental Science Board of studies Member of Bharathidasan University, Tiruchirappalli during 01/04/2015 - 03/31/2018
- \* Senate Member of Bharathidasan University, Tiruchirappalli during 05/08/2013 - 08/04/2016
- \* Environmental Science Q P Scrutiny Chairman of Thiruvalluvar University, Vellore during 10/02/2011 - Till Date
- \* Life Member of Indian Association for Environmental Management during 29/03/1990 - Till Date



- # COLLEGE level Webinar on **"Webinar on Unlocking online evaluation"** Sponsored by Bishop Heber College, Organized by IQAC, Bishop Heber College at Tiruchirappalli during 22/05/2020 - 01/01/1900.
- # COLLEGE level Webinar on **"Webinar on Online Teaching - The New Norm"** Sponsored by Bishop Heber College, Organized by IQAC, Bishop Heber College at Tiruchirappalli during 21/05/2020 - 01/01/1900.
- # COLLEGE level Faculty Recharging Programme on **"Faculty Recharging Programme"** Sponsored by Bishop Heber College, Organized by IQAC, Bishop Heber College at Tiruchirappalli during 12/06/2019 - 13/06/2019.



1. National level Refresher on **"Climate Change causes, effects mitigation and adaptation"** at UGC-Academic Staff College, Bharathidsan University Tiruchirappalli, 12/12/2023.
2. National level Seminar on **"Emission Control Strategies for Clean and Green Earth"** at Tamil University Thanjavur, 19/09/2023.
3. University level Invited Lectures on **"SCIENCE&ENVIRONMENT; AND AMBIENT AIR-QUALITY MONITORING"** at Bharathidsan University Tiruchirappalli, 31/03/2023.
4. College level Inter Collegiate Meet on **"Global Recycling Day"** at Bishop Heber College Tiruchirappalli, 16/03/2023.
5. State level Invited Lectures on **"Science and The Environment"** at IGNOU, Regional Centre, Madurai, 23/02/2023.
6. College level Invited Lectures on **"Pollution Control Day"** at K. Ramakrishnan College of Engineering, Tiruchirappalli, 28/01/2023.
7. National level Refresher on **"Solid Wastes Management - Challenges and Opportunities"** at University of Madras, Chennai, 22/02/2022.
8. National level Refresher on **"Climate Change: Mitigation and Adaptations"** at Bharathidsan University, Tiruchirappalli, 09/02/2022.
9. National level Refresher on **"Evaluation of participants seminar presentation"** at Bharathidsan University, Tiruchirappalli, 08/02/2022.
10. College level Orientation on **"Environmental Awareness"** at Bishop Heber College Trichy, 28/08/2021.
11. University level Invited Lectures on **"Solid Waste Management - Options & Opportunities"** at Bharathidsan University, Tiruchirappalli, 25/08/2021.
12. National level Webinar on **"Solid waste management for combating climate change"** at Tamil University Thanjavur, 22/04/2021.
13. State level Conference on **"Social Impact Analysis in EIA"** at Water Resources Department, Tamil Nadu, Chennai, 22/02/2021.
14. National level Refresher on **"Options and Opportunities in SW management"** at Madras University, 20/02/2021.
15. State level Invited Lectures on **"Socio economic Impact Analysis"** at PWD Engineers, Trichy, 11/02/2021.
16. University level Invited Lectures on **"Climate Change and adaptation challenges for India"** at Department of Environmental Science & Management, 18/09/2020.
17. State level Webinar Lecture on **"Climate Change and its Crisis"** at YMCA Vellore, 18/07/2020.
18. State level Invited Lectures on **"Sustainable Strategies for Conservation of Biodiversity in Thermal Power Plants"** at North Chennai Thermal Power Station, 21/08/2019.
19. Regional level Invited Lectures on **"Water Management"** at Rajalipatthy, Pudukkottai District, 10/08/2019.
20. International level Conference on **"Solid Waste Management Techniques"** at PMIST Vallam Thanjavur, 12/03/2019.
21. National level Refresher on **"Air and Water Pollution - Causes and remedies"** at UGC Human Resources Development Centre Madras University Chennai, 01/07/2017.
22. College level Conference on **"Environmental Awareness Conference for College Students"** at Kongu Arts & Science College, Karur, 08/02/2017.
23. Regional level Conference on **"Conference on Environment"** at Thanthai Hans Rovers Arts & Sci. college, Perambalur, 10/01/2017.
24. Regional level Panel Discussion & Interaction on **"Panel Discussion on Uyyakondan Water Edge Project"** at CARE School of Architecture, 14/12/2016.

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25. National level Workshop on **"Role of Green Chemistry for Sustainable Environment"** at Kongunadu College of Engg. & Tech., Thotiam, Tiruchirappalli, 14/10/2016.
  26. National level Workshop on **"Environmental Monitoring"** at UBHPEA, Bishop Heber College, Trichy, 12/10/2015.
  27. International level Invited Lectures on **"Green Revolution"** at Heber Au Sable Institute of Environmental Studies, 15/09/2015.
  28. National level Refresher on **"WED 2014 Raise your voice not the sea level"** at Academic Staff College Bharathidasan University, 11/03/2015.
  29. International level Invited Lectures on **"Green Revolution in India"** at Heber Au Sable Institute of Environmental Studies, 17/10/2014.
  30. Regional level Invited Lectures on **"Raise Your Voice, not the Sea Level"** at School of Environmental Sciences, Bharathidasan University, Tiruchirappalli, 20/08/2014.
  31. College level Invited Lectures on **"Global Warming"** at NSS, SIT, Trichy, 07/12/2012.
  32. National level Refresher on **"Global Warming and Climate Change"** at Academic Staff College University of Madras Chennai, 30/08/2012.
  33. College level Invited Lectures on **"Vanam Oru Varam"** at NSS, Urumu Dhanalakshmi College, Trichy, 12/07/2012.
  34. College level Workshop on **"Review Collection and Thesis writing"** at Urumu Dhanalakshmi College, Trichy, 10/02/2012.
  35. College level Awareness on **"Save Energy"** at NCC, Tiger Coy Army Wing, Trichy, 25/11/2011.
  36. National level Workshop on **"An Overview of SW Managemnt in BHC"** at UBHPEA, Bishop Heber College, Trichy, 26/08/2011.
  37. Regional level Awareness on **"Use of Non Conventional Energy"** at NCC, St. Josephs Hr. Sec. School, Trichy, 15/11/2010.
  38. National level Refresher on **"Atmospheric processes and environment"** at UGC-Academic Staff College Bharathidasan University Tiruchirappalli, 12/11/2010.
  39. National level Refresher on **"Wealth from Wastes"** at Tamil University, Thanjavur, 06/11/2010.
  40. College level Invited Lectures on **"Impact of Global Warming on Environment"** at Srinivasan College of Arts and Sci Perambalur, 29/07/2010.
  41. University level Invited Lectures on **"Soil Pollution and Solid Waste Management"** at PRIST University Thanjavur, 14/06/2010.
  42. Regional level Invited Lectures on **"World Environment Day 2010 - Many Species One Planet One Future"** at The Institute of Engineers, Trichy, 05/06/2010.
  43. Regional level National Environmental Awareness Campaign on **"Climate Change"** at Akkalnaikanpatty, Trichy, 16/02/2010.
  44. State level Other on **"Soozhal Kappom"** at All India Radio, Trichy, 18/12/2009.
  45. State level Invited Lectures on **"Rainwater Harvesting"** at NCC, Trichy Battalion, 25/10/2009.
  46. Regional level Camp on **"Importance of Environment"** at Ariyavur, Trichy, 25/08/2009.
  47. National level Workshop on **"Climate Change & Green House Effect"** at National College, Trichy, 20/02/2009.
  48. College level Invited Lectures on **"Waste Water Treatment"** at Dhanalakshmi Srinivasan College of Arts & Sci. for Women, Perambalur, 30/01/2009.

49. State level Orientation on **"Orientation Programme on Global Warming & Climate Change"** at Tiruchirappalli, 13/12/2008.
50. National level Refresher on **"Environmental Problems - Air Pollution and Noise Pollution"** at Academic Staff Collge, Bharathidasan University, Tiruchirappalli, 10/10/2008.
51. Regional level Invited Lectures on **"World Environment Day - 2008"** at The India Cements, Dalavoi Works, Ariyalur District, 10/06/2008.
52. National level Refresher on **"Atmospheric Pollution and Control"** at Academic Staff College, Bharathidasan University, 06/11/2006.
53. Regional level National Environmental Awareness Campaign on **"Solid Waste Management"** at Idaiyatrungalam Lalgudi, 29/06/2005.
54. College level Invited Lectures on **"Noise and its impact"** at JJ College of Arts and Science, Pudukkottai, 06/02/2004.
55. Regional level Science Exhibition on **"District Level Science Exhibition"** at Tiruchirappalli, 03/01/2003.
56. State level Training Programme On Env. Protection on **"Environmental Pollution and Solid Waste Management"** at TWAD Board, Trichy, 12/11/2002.
57. College level Invited Lectures on **"Polythene Degradation"** at Sri Saada Nikedan College of Sci. for Women, Karur, 18/10/2001.
58. Regional level Panel Discussion on **"Sci. and Tech. Inputs for Development"** at AAAR, Trichy, 27/04/2001.
59. College level Invited Lectures on **"Current Environmental Problems"** at Dept. of Zoology, Bishop Heber Collge, Tiruchirappalli, 01/01/2001.
60. State level Ozond Day Celebrtion on **"Ozone Depletion"** at Anthyodhaya Sangh Tiruchirappalli, 29/09/2000.
61. State level Training on **"Solid wastes and agricultural waste management"** at Agricultural Engineering Training Centre Tiruchirappalli, 10/01/2000.
62. College level Workshop on **"Problems due to agricultural practices"** at Rev Jacob Memorial Christian College Ambilikai, 27/08/1999.
63. State level Training on **"Soil pollution and remedial measures"** at Agricultural Engineering Training Centre Tiruchirappalli, 23/02/1998.
64. State level Training on **"Solid Waste Management in India"** at Agricultural Engineering Training Centre Tiruchirappalli, 29/09/1997.
- 65.

## JOURNAL REFEREE

1. **Reviewer** of International Journal *"South Asian Research Journal of Agriculture and Fisheries"*(vol. ) at Assam India during 09/06/2020 - Till Date.
2. **Reviewer** of International Journal *"Journal of Environmental Biology"*(vol. ) at Lucknow during 01/07/2019 - .
3. **Reviewer** of International Journal *"Bulletin of the Chemical Society of Ethiopia"*(vol. ) at Addis Ababa, Ethiopia during 01/04/2019 - Till Date.
4. **Member** of International Journal *"Geology Ecology & Landscape"*(vol. ) at London during 01/09/2017 - Till Date.



College Environmental Audit from November 2020 - .

State Environmental Impact Assessment from November 2020 - Till Date.

Industry EIA from January 1995 - 1999.

### Additional Information

- @ 1. Reviewer - for the Book, "Environmental Management" to be Published by Pearson Education - in 2009
- @ Review done in 2009 - few chapters in the book entitled, "Environmental Studies" to be Published by Pearson Education
- @ Participated in Panel Discussion on "Fire in Ariyamangalam SW Dump" which was live-telecasted in "PUdhiya Thalaimurai" TV Channel in 2013



**Signature of Staff**  
**(C.RAVICHANDRAN)**