

Name: Dr. A. JOSEPH THATHEYUS

Designation: Associate Professor and PG Head

Department: PG & Research Department of Zoology

Date of Joining: June 1999

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Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
B.Sc,	Zoology	I Class with distinction The American College Madurai	1980-1983
M.Sc.	Zoology	74.8%, University IV Rank St. Xavier's College Palayamkottai	1983-1985
Ph.D.	Zoology	Loyola College Chennai	1986-1990
M. Ed.	Zoology	Annamalai University Chidambaram	1990-1991
PGDCA	Computer Application	M.K.University Madurai	2002-2003

Specialisation in Teaching: Biotechnology, Research Methods and Animal Physiology

Specialisation in Research: Environmental Biotechnology

Research Interests: Bioremediation, Biodiversity

Other Work Experience:

Designation	Institution / Company	Year - From (Month/year) To (Month/year)
Lecturer	St. Xavier's College, Palayankottai	05.10.1994 to 03.10.1997
Lecturer	Loyola College, Chennai	22.07.1998 to 21.03.1999

Administrative /Academic Position/s (held / currently holding):

Positions held / currently holding	Year - From (Month/Year) To Month/Year)
Superintendent, Zumbro Hall	June 1999 to May 2003
Additional Dean for International Exchange & Study Abroad	June 2013 to May 2014
Director, American College-Community College B.Voc. Degree Programmes	June 2014 to till date
UG, Head, Zoology Department	June 2016 to May 2018
PG, Head Zoology Department	June 2018 to till date
Director, PG Department of Microbiology	June 2018 to till date

Membership in Professional Bodies:**MEMBER IN SOCIETIES**

1. International Consortium on Salt Lake Research, Australia.
2. All India Bioethics Association, Chennai, India.
3. Association of Microbiologists of India.
4. Indian Immunology Society

Conference /Symposia/Seminars organized

1. National conference on Biotechnology: Hitherto and Henceforth, The American College, Madurai. 1999. **Member, Organizing Committee**
2. State level workshop on Immunological Techniques. The American College, Madurai, 2000. **Member, Organizing Committee**
3. Regional Seminar on Mosquitoes, Microbes & Man, The American College, Madurai, 30& 31 January, 2006. **Member, Organizing Committee**

4. National Conference on Frontier Vistas in Modern Biotechnology held on 12 December, 2013, The American College, Madurai. **Member, Organizing Committee**
5. International Conference on “New Horizons, Emerging Challenges and Recent Paradigms in Food Mediated Immunity and their Role In Human Health and Longevity” held on 31 August and 1 September 2016 at The American College, Madurai. **Member, Organizing Committee**
6. National Conference on Impacts of Pollution on Health and Restoration of Quality Environment through Biotechnology Applications held on 2 and 3 February 2018 at The American College, Madurai. **Organizing Secretary**
7. Fish/Shrimp Farmers Interaction Meet on Aquaculture Opportunities in Southern Tamil Nadu on 7 September 2018 at The American College, Madurai in collaboration with Fisheries Technocrats Forum (FTF), Madurai and Chennai and National Institute of Agricultural Extension Management (MANAGE), Hyderabad. **Member, Organizing Committee**
8. National Conference on Western Ghats: Threats and Conservation held on 17 October 2018 at The American College, Madurai. **Convenor**
9. National Conference on Recent Trends in Modern Immunology held on 23 January 2019 at The American College, Madurai. **Convenor**
10. National Conference on Coral Reefs: Threats and Conservation held on 12 February 2019 at The American College, Madurai. **Convenor**
11. National Conference on Emerging Trends in Entomology held on 7 and 8 March 2019 at The American College, Madurai. **Convenor**
12. National Conference on Emerging Trends in Microbiology held on 12 March 2019 at The American College, Madurai. **Convenor**
13. Workshop on Curriculum Developments held on 21 June 2019 at The American College, Madurai. **Convenor**

Member in Board of Studies

1. Nominated member in the Board of Studies in PG & Research Department of Zoology, J.A College for women, Periyakulam from 2007 to 2009.
2. Nominated member in the Board of Studies in Environmental Studies, Arul Anandar College, Karumathur from 2008 to 2010.

3. Nominated member in the Board of Studies in PG & Research Department of Zoology, Thiagarajar College, Madurai, 2014
4. Nominated member in the Board of Studies in Department of Zoology, Sri Meenakshi College for Women, Madurai, 2014
5. Nominated member in the Board of Studies in Department of Zoology, Fatima College, Madurai, 26 April 2016
6. Nominated member in the Board of Studies in Department of Zoology, E.M.G.Yadava Women's College, Madurai 2017-2018 and 2018-2019

Publications:

International Journals

1. M. Selvanayagam, **A.J.Thatheyus** and A. Jebanesan, (1989) A general survey of aquatic pollution in the river Cooum, Madras. **Environment & Ecology** 7: 24-28.
2. **A. J.Thatheyus**, M. Selvanayagam and A. Jebanesan (1990) Acute toxicity of dichlorovos and malathion to the sit and wait predator *Ranatra filiformis* (FABR). **Poll. Res.**, 8, 91-094.
3. **A.J.Thatheyus**, M.Selvanayagam, T.Peter Raj and P.Subramanian (1989) Studies on the food utilization of the larvae of *Eupterote molifera* fed with cythion treated *Ricinus communis* leaves. **Uttar Pradesh J.Zool.** 9: 193-201.
4. M.A. Haniffa and **A.J.Thatheyus** (1992) Effect of age related mating schedule on reproduction in the silk worm *Bombyx mori* L. **Sericologia**, 32: 217-312.
5. **A.J.Thatheyus**, M. Selvanayagam and S.S. Raja (1992) Toxicity of nickel on protein content in tissues of *Cyprinus carpio communis* (Linn). **Indian J. Environ. Hlth.**, 34: 236-238.
6. **A.J.Thatheyus** (1992) Behavioural alterations induced by nickel and chromium in common carp, *Cyprinus carpio Var communis* (Linn). **Environment & Ecology** 10, 911-913.
7. T. Peterraj, M. Selvanayagam, **A.J.Thatheyus** and A. Jebanesan (1994) Effect on the food utilization of the larvae of *Eupterote mollifera* fed with cythion sprayed Moringa leaves. **Environment & Ecology**, 12: 199-201.

8. M. Selvanayagam, S.D. Wesley and **A.J. Thatheyus** (1994) Acute toxicity of a synthetic detergent to four aquatic hemipterans. **J. Environ. Biol**, 15: 159-161.
9. J.A. Basil, V.K.S. Nair and **A.J. Thatheyus** (1995) Laboratory studies on the culture of the brine shrimp *Artemia* using organic wastes. **Bioresource Technology**, 51: 265-267.
10. R.Geetha, A.K. Kumaraguru.and **A.J. Thatheyus** (1996) Toxic effect of heavy metal copper on the fish *Lepidocephalichthys thermalis* in short term exposures. **Poll. Res.**, 15, 151-153.
11. M.Kandhasamy, A.K.Kumaraguru and **A.J. Thatheyus** (1996) Bacteriological quality of Soft Drinks, Bottled Water, Aerated Water and Packed Fruit Juices from Shops in and around Madurai. **J. Environ. Biol.**, 17: 247-250.
12. **A.J. Thatheyus** (2002) Sand Mining: An Ecological Threat, **Eubios Journal of Asian and International Bioethics** 12:224.
13. **A.J. Thatheyus** and J.D.P.Dhanaseeli (2003) Globalisation and Environmental Health, **Eubios Journal of Asian and International Bioethics** 13:179-181.
14. J.D.P.Dhanaseeli and **A.J. Thatheyus** (2003) Globalisation and Rural Poor. **Eubios Journal of Asian and International Bioethics** 13: 63-65.
15. Y. Samuel and **A.J. Thatheyus** (2003). Cadmium induced changes in the total protein and carbohydrate content of the tissues of *Oreochromis mossambicus*. **Biochem. Cell. Arch.**3:113-118.
16. C.S.Prabu and **A.J. Thatheyus** (2007) Acrylamide degradation employing free and immobilized cells of *Pseudomonas aeruginosa*. **International. Biodeterioration & Biodegradation.**60: 69-73
17. M.Kandhasamy, K.D.Arunachalam and **A.J. Thatheyus** (2008) *Drynaria quercifolia* (L.) J.Sm: A potential resource for antibacterial activity. **African J.Microbiol. Res.**, 2: 202-205.
18. **A.J. Thatheyus** and D.P.Dhanaseeli (2010) Depletion of fresh water resources. **Eubios Journal of Asian and International Bioethics.** 20: 21-24.
19. **A.J. Thatheyus** and D.P.Dhanaseeli (2011) Fight for Water. **Eubios Journal of Asian and International Bioethics.**21:200-203.
20. **A.J. Thatheyus** (2012) Indian Marine Turtles in Soup. **Eubios Journal of Asian and International Bioethics.** 22:158-160.

21. B.Durga Devi, **A.J.Thatheyus** and D.Ramya (2012) Bioremoval of hexavalent chromium using *Pseudomonas fluorescens*. **J.Microbiol.Biotech.Res.** 2:727-735.
22. Dorey Benjamin and **A.J.Thatheyus** (2012) Acute toxicity of nickel and cadmium to the Cichlid fish, *Oreochromis mossambicus* (Peters). **Research in Zoology** 2:19-22.
23. B.Betty Anita, **A.J.Thatheyus** and R.Vidhya (2013) Biodegradation of Carboxymethyl Cellulose Employing *Chaetomium globosum* MTCC 2193. **Science International** 1:92-97.
24. Betty Anita, **A.J.Thatheyus** and D.Ramya (2013) Biodegradation of Carboxymethyl Cellulose using *Aspergillus flavus*. **Science International** 1:85-91.
25. **A.J.Thatheyus**, D.P.Dhanaseeli and P.Vanitha (2013) Dams and their ecological effects. **Eubios Journal of Asian and International Bioethics.** 22:217-220.
26. R.Vidhya and **A.J.Thatheyus** (2013) Biodegradation of Dimethylformamide using *Bacillus subtilis*. **American Journal of Microbiological Research** 1 (1) 10-15.
27. T. Raghuraman C. Jerome Geoffrey S. Suriyanarayanan and **A.J.Thatheyus** (2013) Chromium removal by using chosen *Pseudomonads*. **American Journal of Environmental Protection.** 1(1): 14-16.
28. Deborah Gnana Selvam **A Thatheyus AJ** and Vidhya R (2013) Biodegradation of the synthetic pyrethroid, Fenvalerate by *Pseudomonas viridiflava*. **American Journal of Microbiological Research.** 1(2): 32-38
29. **A.J.Thatheyus**, Delphin Prema Dhanaseeli and P.Vanitha (2013) Inter-State Dispute over water and safety in India: The Mullaperiyar dam, a historical perspective. **American Journal of Water Resources** 1(2): 10-19.
30. E. Joy Sharmila and **A.J.Thatheyus** (2013) Diversity of butterflies in Alagarhills, Tamil Nadu, South India. **Current Biotica** 6(4): 473-479.
31. R.S.Akram Hussain, **A.J.Thatheyus** and D.Ramya (2013) Bioremoval of nickel using *Pseudomonas fluorescens*. **American Journal of Microbiological Research.** 1(3): 48-52.
32. **A.J.Thatheyus** and A.Deborah Gnana Selvam (2013) Synthetic Pyrethroids: Toxicity and Biodegradation. **Applied Ecology and Environmental Sciences** 1(3): 33-36.

33. A. Deborah Gnana Selvam, **A.J. Thatheyus** and R. Vidhya (2013) Biodegradation of the Synthetic Pyrethroid, Fenvalerate by *Bacillus cereus* MTCC 1305. **World Journal of Environmental Engineering** 1(2): 21-26.
34. G. Suresh Kumar and **A.J. Thatheyus** (2013) Bioremediation of Chromium, Nickel and Zinc in Electroplating Effluent by *Escherichia coli*. **Annual Research & Review in Biology** 3:913-920
35. M.V. Devika, **A.J. Thatheyus** and D. Ramya (2014) Bioremoval of Nickel using *Pseudomonas aeruginosa*. **Annual Research & Review in Biology** 4:538-546.
36. M. Vanishree, **A.J. Thatheyus** and D. Ramya (2014) Biodegradation of Petrol Using *Aspergillus* sp. **Annual Research & Review in Biology** 4: 914-923.
37. E. Joy Sharmila and **A.J. Thatheyus** (2014) A first report of southern birdwing *Troides minos* (Cramer) in Alagar Hills, Tamil Nadu, India. **Research Journal of Agriculture and Environmental Management** 3: 74-75
38. K.V. Darsa, **A.J. Thatheyus** and D. Ramya (2014) Biodegradation of Petroleum Compound Using the Bacterium *Bacillus subtilis*. **Science International**. 2: 20-25
39. M. Vanishree, **A.J. Thatheyus** and D. Ramya (2014) Biodegradation of Petrol Using the Fungus *Penicillium* sp. **Science International**. 2: 26-31.
40. K.V. Darsa and **A.J. Thatheyus** (2014) Biodegradation of Petroleum Compound Using *Pseudomonas aeruginosa*. **Open Access Library Journal** 1: 1-9.
41. Kamala Pandian, **A.J. Thatheyus** and D. Ramya (2014) Bioremoval of Chromium, Nickel and Zinc in Electroplating Effluent by *Pseudomonas aeruginosa*. **Open Journal of Water Pollution and Treatment** 1:75-82.
42. M. Sankarammal, **A.J. Thatheyus** and D. Ramya (2014) Bioremoval of Cadmium Using *Pseudomonas fluorescens*. **Open Journal of Water Pollution and Treatment** 1:92-100.
43. P. Satheeswaran and **A.J. Thatheyus** (2015) Acute toxicity of Chromium, Aluminium and their combinations to the larvae of *Chironomus tentans*. **Journal of Life Sciences Research**. 2:49-52.
44. M. A. Pradeep, P.V. Haseena, **A.J. Thatheyus** and R.S.A. Hussain (2015) Screening for anticancer activity of Lycopene in combination with vitamin E against MCF-7 and HEP-2 cancer cell lines. **Journal of Global Biosciences**. 4: 1239-1244.

45. V.J.F.Borgia and **A.J.Thatheyus** (2015) Acute toxicity of effluent from electroplating industry to the common carp, *Cyprinus carpio* Linn. **International Journal of Research Studies in Zoology** 1:10-14.
46. Bishmi, **A.J.Thatheyus** and D.Ramya (2015) Biodegradation of Poultry Feathers using a Novel Bacterial Isolate, *Pseudomonas aeruginosa*. **International Journal of Research Studies in Microbiology and Biotechnology** 1:25-30.
47. T.Shenbagavalli, **A.J.Thatheyus** and D.Ramya (2015) Biodegradation of dimethylamine using *Pseudomonas aeruginosa*. **Bulletin of Advanced Scientific Research** 1: 106-109.
48. R.Vidhya and **A.J.Thatheyus** (2015) Biodegradation of dimethylformamide using *Pseudomonas aeruginosa*. **Journal of Global Biosciences** 4: 2576-2589
49. S. Balaji, **A.J.Thatheyus** and D.Ramya (2015) Biotreatment of Electroplating Industrial Effluent Using Coconut Husk. **International Journal of Research Studies in Zoology** 1: 56-60
50. **A.J.Thatheyus**, M.Rajesh, S.Nallakamu and Ananth (2015) Mixture toxicity of cadmium and manganese to the larvae of *Chironomus tentans*. **Research Journal of Pharmacology and Toxicology**. 1: 46-48.
51. **A.J.Thatheyus**, A.A.Khaja, S.S.Prabu and D.Ramya (2015) Biodecolorization of chosen dyes using *Pseudomonas aeruginosa* and *Flavobacterium* sp. **J. Environ. Science & Engg.** 57:137-144.
52. M.Vanitha and **A.J.Thatheyus** (2016) Prediction of Pollution Status of Sathiyar River in the Monsoon Period. **Poll.Res.** 35:781-784
53. Ramya, D. and **A.J.Thatheyus** (2018) Bioremoval of Nickel from Aqueous Solutions by *Providencia* Sp. ACZ 03. In: **Proceedings of the Third International Conference of KAAS-2018** (Eds. E.J.R. Daniel and K.P. Raj), Volume III, Zoology 7-14.
54. **A.J.Thatheyus** and D.Ramya (2016) Biosorption of Chromium Using Bacteria: An Overview. **Science International**. 4:74-79.
55. M.Senthil Kumar, **A.J.Thatheyus** and D.Ramya (2016) Biotreatment of Sewage using the Amazon Sailfin Catfish, *Pterygoplichthys pardalis*. **Academic Journal of Life Sciences**. 2:41-49.

56. Meena Kumari, **A.J. Thatheyus** and D.Ramya (2016) Biodegradation of Ferulic Acid using *Aspergillus fumigatus*. **Bulletin of Advanced Scientific Research** 2: 28-31.
57. . J.Thresa Jeniffer, J.Joannes Sam Mertens and **A.J. Thatheyus** (2016) Effects of Electrosmog on Birds: An Overview. **Eubios Journal of Asian and International Bioethics**. 26 : 216-219.
58. M.Rajesh, **A.J. Thatheyus** and C.Kumaresan (2017) A preliminary study on Avifaunal species diversity of the American College, Madurai, Tamil Nadu, India. **RIJMR** 4:58-64.
59. **A.J. Thatheyus** and M.Rajesh (2017) Mixture toxicity of the heavy metals, nickel and hexavalent chromium to the fresh water fish, *Cyprinus carpio communis*. **RIJMR** 4:65-69.
60. **A.J. Thatheyus** and M.Rajesh (2017) Mixture toxicity of the heavy metals, nickel and hexavalent chromium to the fresh water fish, *Cyprinus carpio communis*. **RIJMR** 4:65-69.
61. D.Ramya and **A.J. Thatheyus** (2018) Microscopic Investigations on the Biosorption of Heavy Metals by Bacterial Cells: A Review. **Science International**. 6:11-17.
62. V.J.Florence Borgia, **A.J. Thatheyus**, A.G.Murugesan, Catherine P. Alexander and I.Geetha (2018) Effect of effluent from electroplating industry on the immune response in the freshwater fish, *Cyprinus carpio*. **Fish & Shellfish Immunology** 79: 86-92.
63. N. Jennifer Michellin Kiruba, M. Andrew Pradeep and **A. J. Thatheyus** (2018) Discovering Promising Anti-cancer Drug Candidates from Marine Algae. **Science International** 6:44-50.
64. Victor Jemima Florence Borgia, **A.J. Thatheyus** and A. G. Murugesan, (2018) Surface morphological changes induced by electroplating industrial effluent in the intestine of *Cyprinus carpio*. **Science International**. 6: 51-64.
65. **A.J. Thatheyus** (2018) Effect of nickel and hexavalent chromium on the haematology of the common carp, *Cyprinus carpio*. **International Journal of Haematology and Blood Disorders**. 3:1-3
66. M.Bernath Rosi and **A.J. Thatheyus** (2018) Effect of vermicompost, jeevamrutha and G5-soil enricher granules on the growth of *Amaranthus aritis*. **RIJMR**. 4:1-8

67. S.Bhuvaneshwari, A.Deborah Gnana Selvam and **A.J. Thatheyus** (2018) Biodegradation of the synthetic pyrethroid pesticide, deltamethrin by *Bacillus subtilis*. **RIJMR**.4:15-21
68. T.Eljeeva Devkumari, **A.J. Thatheyus** and T.Malar Meenakshi (2018) Biodecolourisation of the azo dye, congo red using *Lactobacillus delbrueckii*. **RIJMR**. 4: 22-26
69. V.J.Florence Borgia, **A.J. Thatheyus** and A.G.Murugesan (2018) Effects of effluent from electroplating industry on the histology of gills of the freshwater fish, *Cyprinus carpio*. **RIJMR**. 4: 27-33.
70. R.Parvathavarthini, N.Jennifer Michellin Kiruba and **A. J. Thatheyus** (2018) Biodegradation of cypermethrin using the bacterium, *Enterobacter asburiae*. **RIJMR**. 4: 41-46
71. Mangayarkarasi, E.Joy Sharmila and **A.J. Thatheyus** (2018) Seasonality and abundance of butterflies in the American College campus, Madurai. **RIJMR**. 4:47-53
72. J.Ketsiyal and **A.J. Thatheyus** (2018) Influence of vermicompost, amirthakaraisal and AbdA gold on the growth of *Cassia auriculata*. **RIJMR**.4:54-60
73. R.Parvathavarthini, P.Margaret Sangeetha and **A.J. Thatheyus** (2018) Biodegradation of cypermethrin using *Pseudomonas stutzeri* (MTCC 2643). **RIJMR**. 4:61-64
74. D.Ramya and **A.J. Thatheyus** (2018) Physico–chemical characteristics of electroplating industrial effluent. **RIJMR**. 4:76-81
75. M.Vanitha and **A.J. Thatheyus** (2018) Assessment of pollution by physico-chemical parameters of Sathiyar river in Madurai district. **RIJMR**. 4:82-86
76. . Ilavarasi, A.Surendran and **A.J.Thatheyus** (2019) Biodecolourisation of Textile Dye Effluent Using Eggshell. **International Research Journal of Biological Sciences**. 1:46-50.
77. R.Sethu Nagarajan, M.Andrew Pradeep and **A.J.Thatheyus** (2019) Food Additive and its Carcinogenic effect: An Overview. **IJRAR** 6: 161-162.
78. Selvi Hepzibah, A.Surendran and **A.J.Thatheyus** (2019) Predatory Activity of *Cyprinus carpio* Linn. Against the Filarial Vector Mosquito, *Culex quinquefasciatus* Say. **International Research Journal of Animal and Veterinary Sciences**. 1:14-19.

79. Selvi Hepzibah, A.Surendran and **A.J.Thatheyus** (2019) Studies on the Biocontrol of the Filarial Vector Mosquito, *Culex quinquefasciatus* Employing *Gambusia affinis*. **International Research Journal of Animal and Veterinary Sciences**. 1:20-25.
80. J.Santha, A.Surendran and **A.J.Thatheyus** (2019) Studies on the biocontrol of mosquitoes using *Oreochromis mossambicus*. **World Journal of Advanced Research and Reviews**. 01: 007-014.
81. D.Karthiga, A.Surendran and **A.J.Thatheyus** (2019) Biotreatment of sugar industry effluent using the tank cleaner, *Pterygoplichthys pardalis*. **World Journal of Advanced Research and Reviews** 1:14-27.
82. D.Ramesh, A.Surendran and **A.J.Thatheyus** (2019) Mixture toxicity of mercury and cadmium on the mineral content of the Indian major carp, *Labeo rohita*. **World Journal of Advanced Research and Reviews** 1:28-35.
83. Ilavarasi, A.Surendran and **A.J.Thatheyus** (2019) Biodecolourisation of Textile Dye Effluent Using Chitosan. **Specialty Journal of Biological Sciences** 5(1): 1-7.
84. Jaffer Ali, A.Surendran and **A.J.Thatheyus** (2019) Hydrobiological Studies of Vandiyur Lake, Madurai, Tamil Nadu, India. **Specialty Journal of Biological Sciences** 5(1): 24-33.
85. T.Malar Meenakshi and **A.J.Thatheyus** (2019) Studies on the Density of Birds in Railway Colony, Madurai. **Specialty Journal of Biological Sciences** 5(2): 12-18.
86. Geetha, A.Surendran and **A.J.Thatheyus** (2019) Influence of Amazon Sailfin Catfish, *Pterygoplichthys pardalis* on the Chemical Characteristics of Dairy Effluent. **Specialty Journal of Architecture and Construction**. 5(1):23-32.
87. Jaffer Ali, A.Surendran and **A.J.Thatheyus** (2019) Studies on the Sediments of Vandiyur Lake, Madurai. **Specialty Journal of Engineering and Applied Sciences** 4(3): 39-47.
88. Ramesh, A.Surendran and **A.J.Thatheyus** (2019) Mixture Toxicity of the Heavy Metals, Mercury and Cadmium to the Indian Major Carp, *Labeo rohita*. **Int J Fisheries Sci Res**. 3(1):1012.
89. Lakshmanan, A.Surendran and **A.J.Thatheyus** (2019) Toxicity of Nickel and Chromium on the Mineral Content of the Indian Major Carp, *Cirrhinus mrigala*. **Int J Fisheries Sci Res**. 3(1):1013.

90. Akram Husain R.S. and **A.J.Thatheyus** (2019) Bioremoval of Nickel Using the Bacterial Strain, *Pseudomonas oleovorans* MTCC 617. **Specialty Journal of Biological Sciences** 5(3): 18-27.
91. Geetha, A.Surendran and **A.J.Thatheyus** (2019) Influence of Amazon Sailfin Catfish, *Pterygoplichthys pardalis* on the Quality of Dairy Effluent. **Asian Journal of Biological Sciences**. 12:733-741.
92. Lakshmanan, A.Surendran and **A.J.Thatheyus** (2019) Mixture Toxicity of Nickel and Chromium to the Indian Major Carp, *Cirrhinus mrigala*. **Trends in Applied Sciences Research**. 14:136-141.
93. T.Malar Meenakshi and **A.J.Thatheyus** (2019) Studies on the Density of Butterflies in Railway Colony, Madurai. **Specialty Journal of Biological Sciences** 5(4): 40-48.

National Journals

1. Selvanayagam and **A.J.Thatheyus**, (1991) Effect of nickel and chromium on the vertebrae of the scale carp, *Cyprinus carpio communis* **J. Tissue Res.** 1: 29-33.
2. **A. J.Thatheyus**, M. Selvanayagam and A. Jebanesan (1992) Interaction of Hydrological parameters with the abundance of fish in the river Cooum, Madras, **J.NATCON**. 4: 45-51.
3. **A.J.Thatheyus** and M. Selvanayagam (1999) Occurrence of heavy metals in Cooum river sediments, Madras. **Convergence** 1: 72-76.
4. **A.J.Thatheyus** and M. Selvanayagam (1999) Toxic effects of the heavy metal nickel in the kidney of common carp, *Cyprinus carpio* var. *communis* (Linn) **Convergence** 1: 99-102.
5. Basil, J.A., **A.J.Thatheyus** and C.Manthiram (2002) Culture of *Artemia* (Tuticorin strain) utilizing chicken intestine and agricultural byproducts. a. **JEZI.5** (2):253-260.
6. Lily, D.J., J.A.Basil and **A.J.Thatheyus** (2002) Recycling agricultural byproducts in the culture of *Artemia*, **JEZI.5**(2): 261-268.
7. Y.Samuel and **A.J.Thatheyus** (2004). Effect of cadmium on the respiration of *Oreochromis mossambicus*. **J.Exp.Zool. India**. 7: 113-116.
8. S.Ganesan, R.Murugan and **A.J.Thatheyus** (2007) Biotreatment of Textile dye effluent employing egg shell waste. **Convergence**. 9: 1-9.

9. D.P.Dhanaseeli and **A.J.Thatheyus** (2009) Educational services rendered by American missionaries at Madurai (1834-1934): A historical perspective. **New Frontiers in Education**. 42: 158-172.
10. E. Joy Sharmila and **A.J.Thatheyus** (2012) Diversity of Butterflies in Alagar Hills, Tamil Nadu, India. **Scientia Acta Xaveriana**(Special issue) S233-S236.
11. E. Joy Sharmila and **A.J.Thatheyus** (2013) Diversity of butterflies in Alagarhills, Tamil Nadu, South India. **Current Biotica** 6(4): 473-479.
12. S.Muthuraman, K.Natarajan, S.Srinivasan, **A.J.Thatheyus** and D.Ramya (2013) Bacterial resistance to chosen heavy metals. **ESAIJ** 8: 475-480
13. **A. J.Thatheyus** and Delphin Prema Dhanaseeli (2013) Holistic Approach in Environmental Education. **New Frontiers in Education**, Jan-March, 59-62.
14. S.Ganesan, J.Alan Peterson, R.Murugan and **A.J.Thatheyus** (2014) Effect of egg waste treatment on the microbial load of textile dye effluent. **Environmental Science: An Indian Journal**. 9: 132-134.
15. D. Ramya and A.J.Thatheyus (2017) Biosorption of hexavalent chromium using live, immobilized and dead cells of *Pseudomonas aeruginosa* ACZ01. **JAC Journal of Science, Humanities and Management**, 5: 170-179.
16. J. Stella Mary and A.J.Thatheyus (2017) Antimicrobial potential of metallic nanoparticles synthesized from seaweeds: An overview. **JAC Journal of Science, Humanities and Management**, 5: 224-234.
17. A. Ilavarasi, A.Surendran and **A.J.Thatheyus** (2018) Biodecolourisation of vat dye and naphthol dye using Chitosan. **Wide Spectrum**. 7:32-43.
18. P.J.Jeyaseelan, G.Jabaseelan, R.Jagadeepan, N.Prabhu, A.Surendran and **A.J. Thatheyus**. (2019) Hydrobiology of Kodaikanal Lake with special reference to its microbial load. **Wide Spectrum**, 7:26-35.
19. A. Surendran and **A.J. Thatheyus** (2019) Vandiyur Lake: Conservation and Protection. **Jalaplavit**. 9: 26-34
20. A. Surendran and **A.J. Thatheyus** (2019) Pallikaranai- An Example of Slow Transition from a Wetland to Dryland. **Jalaplavit**. 9:35-46

Books/Conference/ Proceedings

1. **A.J.Thatheyus**, M. Selvanayagam and T. Peterraj (1987) Chronic toxicity of copper on the biochemical composition of some tissues of the scale carp,

Cyprinus carpio communis. **Proc. Nat. Con. Env. Impact on Biosystems** (Eds. T.K.R.Rao and others), Loyola College, Chennai, pp. 263-267.

2. A.Jebanesan, M. Selvanayagam T. Peterraj and **A.J.Thatheyus** (1987) Effect of cythion and K-Othrine on the caloric value of *Ranatra filiformis* (Heteroptera). **Ibid** pp. 211-216.
3. **A.J.Thatheyus**, M. Selvanayagam and A. Jebanesan (1987) Studies on the non- metallic pollution in river Cooum, Madras. **Trends in Environmental Pollution and Pesticide Toxicology** (Eds. Shashikant, S. Vohra and Y.N. Sahai), Jagminder Book Agency, New Delhi, pp. 127-133.
4. B.Jebanesan, M. Selvanayagam and **A.J.Thatheyus** (1987) Distributory pattern of dissolved oxygen in the selected stations of Cooum river and its effect on the aquatic fauna. **Ibid** pp. 303-311.
5. B.Jebanesan, **A.J.Thatheyus** and M. Selvanayagam (1988) Mosquito control by aquatic hemipterans in river Cooum, Madras. **Bicovas** 1: 203-211.
6. **A.J.Thatheyus** and M. Selvanayagam (1988) Some biochemical parameters of fish as indicators of stress. **Proceedings of the National Workshop on Aquatic Pollution**, Loyola College, Madras, India.
7. M. Selvanayagam, **A.J.Thatheyus**, and T. Peterraj (1991) Effect on the body length and weight of the larvae of *Eupterote mollifera* when fed with cythion treated *Ricinus communis* and *Moringa indica* leaves. **National/ Growth, Development & Natural Resource Conservation** (Ed. S.R. Verma). Nature Conservators, Muzaffarnagar, India. pp. 55-51.
8. A.Jebanesan, M. Selvanayagam and **A.J.Thatheyus** (1992) Studies on the metallic pollution in river Cooum, Madras, **Proceedings of the National Symposium on Environmental Biology** (Eds. M.A. Haniffa & M. Narayanan), St. Xavier's College, Palayamkottai, India, pp.9-13
9. **A.J.Thatheyus**, A.K. Kumaraguru and M. Selvanayagam, (1994) Surface Morphological changes in the Gills of Common Carp, *Cyprinus carpio*, induced by Hexavalent Chromium. A Scanning Electron Microscopic Study. In: **Proceedings of the International Congress on Electron Microscopy 13-Paris**, pp. 1273-1274.
10. J.A.Basil and **A.J.Thatheyus** (1994) Artemia: A Livewire in Aquaculture. **Proceedings of the National Symposium on Aquaculture for 2000 A.D.** pp.125-142.

11. **A.J.Thatheyus** (1995) The Narmada controversy: Social and environmental perspectives. Annual Magazine, St.Xavier's College, Palayamkottai, pp.107-109.
12. **A.J.Thatheyus** and M. Selvanayagam, (1997) Heavy metal pollution in river Cooum. **Energy Crisis and Environment** (Eds. Francis P. Xavier and others), Loyola College Publications. pp 273-279.
13. **A.J.Thatheyus** and J.A. Basil (1999) Waste recycling and *Artemia* culture In: **Environment, Health and Food; a futuristic view** (Eds. John William and S. Vincent) Loyola College Publications. pp 129-138.
14. **A.J.Thatheyus** (2000) Biocontrol agents in control of mosquitoes. In : **Recent trends in combating mosquitoes** (Eds. John William and S. Vincent) Loyola College Publications. Loyola College, Chennai pp 156-169.
15. **A.J.Thatheyus** (2002) Heavy metals in Bio-coordination and Bioimbalances. In: **Management of Natural Resources for Sustainable Development** (Ed. S.John William), Loyola College Publications, Chennai, India pp.271-281.
16. **A.J.Thatheyus** (2003).Waste recycling in Poultry Industry. In: **Poultry for Sustainable Food Production and Livelihood** (Ed.S.John William), Loyola College Publications, Chennai, India pp.240-259.
17. **A.J.Thatheyus** and Dorey Benjamin (2003). SEM studies on the gill surface morphology of fish: A tool in monitoring environmental gill disease. In: **Aquaculture Medicine** (Eds. J.S.B.Singh, S.S.Pai, R.Philip and A.Mohandas), Centre for Fish Disease and Management, CUSAT, Kochi, India, pp.29-31.
18. **A.J.Thatheyus** (2005). Biotreatment of Industrial effluents employing chosen bioproducts and microorganisms. In: **Proceedings of the National Seminar on Rural Biotechnology for Sustainable Development** (Ed. Thilgavathy Daniel), Gandhigram Rural Institute, Gandhigram, pp 169-174.
19. G. Alex Pandian and **A.J.Thatheyus** (2005). Biotreatment of Tannery effluent employing coconut husk. In: **Proceedings of the National Seminar on Rural Biotechnology for Sustainable Development** (Ed. Thilagavathy Daniel), Gandhigram Rural Institute, Gandhigram, pp 199-202.
20. **A.J.Thatheyus** (2004). Water use and management. In: **Proceedings of the National Seminar on Drought Management**, Arul Anandar College, Karumathur, Madurai, India pp 67- 72.

21. **A.J.Thatheyus** (2006) Threats to Indian Biodiversity. In: **Biodiversity: Life to our Mother Earth.** (Ed. S.John William). Loyola College, Chennai. pp217-230
22. **A.J.Thatheyus** (2006) Vermicomposting: A potential technology for enhancing soil fertility and plant growth. **Proceedings of the National Seminar on Organic Farming: Trends and Challenges,** Arul Anandar college, Karumathur, Madurai, Tamil Nadu, pp 85-89.
23. R. Rajalakshmi and **A.J.Thatheyus** (2006) Biofertilizer- A potential alternative to chemical fertilizers. **Proceedings of the National Seminar on Organic Farming: Trends and Challenges,** Arul Anandar college, Karumathur, Madurai, Tamil Nadu, pp 104-109.
24. David Antony Raj and **A.J.Thatheyus** (2006) Biological control- A potential alternative to chemical pesticides. **Proceedings of the National Seminar on Organic Farming: Trends and Challenges,** Arul Anandar college, Karumathur, Madurai, Tamil Nadu, pp 168-173
25. **A.J.Thatheyus** (2007) Biocontrol of Mosquitoes. In: **Defeating the Public Enemy, The Mosquito:A Real Challenge.** (Ed. S.John William). Loyola College, Chennai. pp. 76-94.
26. **A.J. Thatheyus** and J. Stella Mary (2009) Biocontrol potential of *Bacillus thuringiensis*, *Bacillus sphaericus* and Vectobac 12 AS against the larvae of *Culex quiquefasciatus*. In: **Proceedings of the National Seminar on Conserve the Mother Earth: Need of the hour,** Jayaraj Annapackiam College, Periyakulam, Tamil Nadu, India pp. 52-56
27. **A.J. Thatheyus** and R. Vidhya (2009) Biotreatment of wastewater employing *Eicchornia crassipes*. In: **Proceedings of the National Seminar on Conserve the Mother Earth: Need of the hour,** Jayaraj Annapackiam College, Periyakulam, Tamil Nadu, India pp. 56-62.
28. J.T.Jeniffer and **A.J.Thatheyus** (2010) Web search tools: An Overview. In: **Digital Vision 2020.** Proceedings of the National Conference,(Eds. R.F.M. Sylvia and B.Annapoorani), 5th & 6th March, 2010, Jayaraj Annapackiam College for Women, Periyakulam, Tamil Nadu, India. pp. 155-158.
29. **A.J.Thatheyus** and D.Ramya (2012) Microbial Biosorption: A Solution for Heavy Metal Pollution. In: **“Perspective of Biotechnology- Hitherto and Henceforth,”** (ISBN: 978-81-90864-91-6), Venture Institute of Biotechnology and Bioinformatics Research, Madurai, India, pp 34-42

30. C.Devika, D.Ramya and **A.J.Thatheyus** (2012) Biodegradation of chlorpyrifos using *Pseudomonas aeruginosa*. In: **Proceedings of the International Conference on “Science and Technology for Clean and Green Environment”** (Eds. N.Muthulingam, P.Ronald Ross, T.Vivekananthan and A.Elangovan) (ISBN: 978-93-80174-05-1), Zoology Wing, Annamalai University, Annamalainagar, Tamil Nadu, India. pp. 78-81.
31. P.Robert, **A.J.Thatheyus** and R.Vidhya (2012) Biological Treatment of Dye effluent using Coconut pith. In: **Proceedings of the National Seminar on New Frontiers in Biology**, JA College, Periyakulam, India, pp.50-60.
32. G.Samuel, **A.J.Thatheyus** and D.Ramya (2012) Biological Treatment of Synthetic Fibre effluent using Saw Dust. In: **Proceedings of the National Seminar on New Frontiers in Biology**, JA College, Periyakulam, India, pp.61-68.
33. J.Thresa Jeniffer and **A.J.Thatheyus** (2013) Information and Communication Technologies for Sustainable Food Security. In: **Food Security Issues and Concerns** (Ed. M.John Joseph), **Shanlax Publications**, Madurai, India. (ISBN: 978-93-80657-84-4) pp.167-173.
34. D.Ramya and **A.J.Thatheyus** (2013) Genetically Modified Foods-Safety Issues. In: **Food Security Issues and Concerns** (Ed. M.John Joseph), Shanlax Publications, Madurai, India. (ISBN: 978-93-80657-84-4) pp.302-311.
35. D.Ramya and **A.J.Thatheyus** (2013) Bacterial Food Poisoning. In: **Food Security Issues and Concerns** (Ed. M.John Joseph), Shanlax Publications, Madurai, India. (ISBN: 978-93-80657-84-4) pp.332-341.
36. D.Ramya and **A.J.Thatheyus** (2013) Thirumalai Nayak Mahal and Microbial Air Quality. In: **Proceedings of the UGC sponsored National Seminar on Preservation of Monuments to enhance Tourism in India**, Jayaraj Annapackiam College for Women, Periyakulam, Tamil Nadu, India, pp.242-257.
37. V.P.Jebaraj, **A.J.Thatheyus** and M.Rajesh (2014) Biotreatment of electroplating industrial effluent using sugarcane bagasse. In: **Global opportunities for recent developments in science and technology** (Ed. P.Baby Shakila), Rev.Jacob Memorial Christian College, Ambilikkai, Tamil Nadu, India. pp. B173-178. (ISBN: 978-93-82323-26-6).
38. S.P.R. Solomon and **A.J.Thatheyus** (2014) Biotreatment of textile mill effluent using coconut pith. In: **Global opportunities for recent developments in science and technology** (Ed. P.Baby Shakila), Rev.Jacob Memorial Christian College, Ambilikkai, Tamil Nadu, India. pp. B178-181. (ISBN: 978-93-82323-26-6).

39. J.J.E. Durai, **A.J. Thatheyus** and D.Ramya (2014) Biological treatment of dye effluent using saw dust. . In: **Global opportunities for recent developments in science and technology** (Ed. P.Baby Shakila), Rev.Jacob Memorial Christian College, Ambilikkai, Tamil Nadu, India. pp. D323-327. (ISBN: 978-93-82323-26-6).
40. J.Thresa Jeniffer and **A.J. Thatheyus** (2013) Information and Communication Technologies for Sustainable Food Security. In: **Food Security Issues and Concerns** (Ed. M.John Joseph), Shanlax Publications, Madurai, India. (ISBN: 978-93-80657-84-4) pp.167-173.
41. M.Vanitha and **A.J. Thatheyus** (2014) Hydrobiology and related Plankton Species Assemblages of Sathiyar River in Madurai District. In: **Proceedings of UGC-sponsored National Seminar on Emerging Trends in Biological Research**, Lady Doak College, Madurai, India.
42. S.Muniandy, **A.J. Thatheyus** and M.Rajesh (2014) Mixture toxicity of the heavy metals copper and zinc to the larvae of *Chironomus tentans*. In: **Invertebrates Systematics and Biology** (ISBN: 978-81-929844-0-7) (Eds. Shaju Thomas and Gigi K. Joseph) **Proceedings of the UGC sponsored National Seminar on Invertebrate Taxonomy**, Nirmala College, Muvattupuzha, Kerala, India, pp.78-81.
43. **A.J. Thatheyus** (2014) Bioproducts in the restoration of clean environment. In: **Proceedings of the National Conference on Achieving Sustainable Development** (Ed. Dr.S.John William), Loyola College, Chennai, India. pp.156-162.
44. R.Vijayakumar, **A.J. Thatheyus** and M.Rajesh (2015) Acute toxicity of mercury, cadmium and manganese to the larvae of *Chironomous tentans*. In: **Current and Emerging Trends in Biological Sciences** (Eds: P.Annapoorani, R.Renuka and P.Mehalingam), VHNSN College publications, Virdhunagar, India. (ISBN: 978-93-81723-32-6)
45. M.Rajesh and **A.J. Thatheyus** (2016) Digitalization of Library Resource A greener Reading Experience. In: **Digitization of Library Enhancing Reading Culture** (Ed. M.Davamani Christofer), Daniel Poor Memorial Library, The American College, Madurai, India. pp.43-47.
46. S.Eswari, T. R. Karthikeyan and **A.J. Thatheyus** (2018) Hydrobiology of Maravan Pond. In: **Proceedings of the Third International Conference of KAAS-2018** (Eds. E.J.R. Daniel and K.P. Raj), Volume III, Zoology 30-35
47. .R.Rajeshwaran and **A.J. Thatheyus** (2018) Physico-chemical characteristics of Viraganoor reservoir water and sediments. In: **Proceedings of the Third**

International Conference of KAAS-2018 (Eds. E.J.R. Daniel and K.P. Raj), Volume III, Zoology 36-38.

48. J.Saranya, **A.J.Thatheyus** and M.Santhosh Kumar (2018) Hair Degradation using the bacterial strain, *Bacillus subtilis*. In: **Proceedings of the Third International Conference of KAAS-2018** (Eds. E.J.R. Daniel and K.P. Raj), Volume III, Zoology 39-43.
49. R.Sethu Nagarajan, M.Andrew Pradeep and **A.J. Thatheyus** (2018) Screening of Antimicrobial Activity of the Marine Brown Seaweed, *Padina gymnospora* against Chosen Clinical isolates. In: **Proceedings of the Third International Conference of KAAS-2018** (Eds. E.J.R. Daniel and K.P. Raj), Volume III, Microbiology 6-9.
50. . H.Herbet Daniel, M.Kaviraj and **A.J.Thatheyus** (2018) Biodecolourization of Congo Red using the fungus, *Aspergillus oryzae*. In: **Proceedings of the Third International Conference of KAAS-2018** (Eds. E.J.R. Daniel and K.P. Raj), Volume III, Microbiology 10-13.
51. M.Andrew Pradeep, S.Prasanth and **A.J.Thatheyus** (2018) Antibacterial activity of *Kappaphycus alvarezii* extracts against Human pathogenic bacteria. In: **Proceedings of the Third International Conference of KAAS-2018** (Eds. E.J.R. Daniel and K.P. Raj), Volume III, Microbiology 14-18.
52. J.Simon Thiyagadoss, K.Divya and **A.J.Thatheyus** (2018) Biodecolourisation of Congo Red using the fungus, *Rhizopus* sp. In: **Proceedings of the Third International Conference of KAAS-2018** (Eds. E.J.R. Daniel and K.P. Raj), Volume III, Microbiology 19-22.
53. H.Herbet Daniel, R.G.Niranjankumar and **A.J.Thatheyus** (2018) Biodecolourization of Eriochrome Black-T dye using the fungus, *Aspergillus oryzae*. In: **Proceedings of the Third International Conference of KAAS-2018** (Eds. E.J.R. Daniel and K.P. Raj), Volume III, Microbiology 23-27.
54. A.Deborah Gnana Selvam and **A.J.Thatheyus** (2018) Microbial Degradation of Petroleum Hydrocarbons: An Overview. Chapter 19. In: **Microbial Action on Hydrocarbons** (Eds. V.Kumar et al.), **Springer Nature Singapore Pte Ltd.** Pp.485-503.
55. M.Rajesh and **A.J.Thatheyus** (2019) Green Marketing-Need of the Hour. **Proceedings of the International Conference on Innovations in Business and Management** (ISBN 978-93-88398-343), The American College, Madurai, India, pp. 472-477.

Books:

1. M. Selvanayagam, and **A.J.Thatheyus** (1999) **Water**. Loyola College Publications. No.17, Loyola College, Chennai 69p.

2.**A.J.Thatheyus** (2011) **Textbook of Environmental Studies**. Narosa Publishing House, New Delhi. 238p.(ISBN: 978-81-8487-094-7)

3. E.Joy Sharmila and **A.J.Thatheyus** (2014) **Butterflies of Alagar Hills**. The American College Publications, Madurai, India. 42p. (ISBN: 978-81-928661-4-7).

CONFERENCES PARTICIPATED

1. National Conference on Environmental Impact on Biosystems, Loyola College, Madras, 1987.
2. Symposium on Environmental Pollution and Pesticide Toxicology, University of Jammu, 1987.
3. National Symposium on Environmental Biology, St. Xavier's College, Palayamkottai.
4. II National Symposium on Ecotoxicology, Annamalai University, Annamalainagar, 1988.
5. International Conference on Biological Control of Vectors with Predaceous Arthropods, Loyola College, Madras, 1988.
6. Symposium on National/Growth, Development and Natural Resource Conservation, D.A.V. College, Muzaffarnagar, 1988.
7. Confaqua 96, National Conference on Aquaculture, St. Xavier's College, Palayamkottai, 1996.
8. International Conference on Environment and Bioethics, Loyola College, Chennai. 1999.
9. National Seminar on Environment, Health and Food: A futuristic view at Loyola College, Chennai. 1999.
10. National Conference on Biotechnology: Hitherto and henceforth at The American College, Madurai 1999.
11. 'Recent trends in Combating Mosquitoes' held at Loyola College, Chennai. 2000.
12. National Symposium on Recent Trends in Biotechnology on 24 and 25th February, 2005 held at Bishop Heber College, Tiruchirapalli.

13. National Conference on Environmental Pollution and Eco-planning on 4th and 5th March, 2005.
14. International Conference on 'The Challenges and Strategies for the Sustainability of Safe Drinking Water- ICSDW 2006' October 25- 27, 2006 at Gandhigram Rural University, Gandhigram.
15. 4th International Symposium on Biocontrol and Biotechnology 27th to 29th November 2006 at Lady Doak College, Madurai.
16. International Conference on Biodiversity Conservation and Management (Biocam 2008) February 3- 6, 2008 at Cochin University of Science and Technology, Cochin.
17. National Seminar on Vermitechnology, Use of Biofertilizers and Solid Waste Recycling for Sustainable Rural Development, 23 & 24 March, 2010 at the Gandhigram Rural Institute, Gandhigram.
18. 5th Conference of Medical Arthropodology organized by CRME (ICMR), Madurai during 18-19 October, 2011.
19. UGC sponsored National Seminar on Invertebrate Taxonomy, Nirmala College, Muvattupuzha, Kerala, October 2013.
20. National Conference on Frontier Vistas in Modern Biotechnology held on 12th December, 2013, The American College, Madurai.
21. National Conference on Achieving Sustainable Development held on 4th and 5th December, 2014 at Loyola College, Chennai.
22. UGC sponsored National Conference on Biological Sciences: The Amalgamation and Advancement of Multidisciplinary Life Sciences held on 18th & 19th December, 2014 at V.V.Vanniaperumal College for Women, Virudhunagar.
23. DBT sponsored National Conference on "Community Microbial Consortia and the human holobiont-implications of yet-unculturable microorganisms in systemic health, disease & personalized Medicine" held at The American College, Madurai on 7 & 8 December, 2015.
24. UGC sponsored International Conference on Challenges & Opportunities in Life Sciences at Sri Meenakshi Govt. Arts College for Women, Madurai on 5 & 6 April 2016.

25. International Conference on “New Horizons, Emerging Challenges and Recent Paradigms in Food Mediated Immunity and their Role In Human Health and Longevity” held on 31 August and 1 September 2016 at The American College, Madurai.
26. Young Scientists’ Conference on Faunal Diversity held on 5 and 6 December 2016 at Loyola College, Chennai.
27. International Conference Emerging Trends in Multidisciplinary Research held at Singapore on 27-30 December 2017.
28. International Conference on Innovations in Business and Management held at The American College, Madurai on 1 & 2 February 2019.
29. IMRF’s Grand 100th International Conference (Govt. of India Approved Conference) held at Carmel College for Women, Nuvem, Madgoan, Goa from 14 to 16 March 2019 organised by IMRF Institute for Research & Education, India.
30. International Eco-conference-2019 “Greening the Globe for Sustainable Living” Organized by Consortium of Higher Educational Institutions under the leadership of CSI Synod at CSI Synod Centre, Chennai from 1 to 4 August 2019.

WORKSHOP / TRAINING PROGRAMMES ATTENDED

1. Workshop on Biosystematics of insects of Importance in Aquaculture, Medicine and Forestry held between April 27 and 30, 1987 at Entomology Research Institute, Loyola College, Madras (sponsored by DST).
2. National Workshop on Aquatic Pollution, Loyola College, Madras, 1988.
3. Seminar cum Workshop on “The Environment Tightrope” between 7 and 8 June, 1989 organised by Green canopy, The Environment Group, IIT, Madras.
4. Ninth National Training Programme in Electron Microscopy for scientific Investigators: Biological Applications from 29-10-1992 to 19-11-92 in the department of Anatomy, AIMS, New Delhi.
5. Training course on “Prawn Farming” conducted by Trainer’s Training Centre. Narakkal and CMFRI, Cochin from 11-1-93 to 21-1-93.
6. Workshop on ‘Solar Passive Architecture’ at M.K. University, Madurai on 25th March, 1994.

7. National Workshop on 'Radiochemistry and Applications of Radioisotopes' at Regional Research Laboratory, Trivandrum.
8. Workshop on "Effective classroom Communication" held at St. Xavier's College, Palayamkottai, 5 and 6 Sept. 1997.
9. Training course on "Domestic Preservation of Fruits and Vegetables and Nutrition" conducted by Food and Nutrition Board, Govt. of India at Madurai between 8-5-2000 and 12-5-2000.
10. National workshop on 'Breeding, farming and management of ornamental fishes' on 7, 8 and 9th February, 2002 at Cochin University of Science and Technology, Cochin.
11. National workshop on Biodiesel on 17th and 18th October, 2007 at Madurai Kamaraj University, Madurai.
12. Training on Vermicomposting on 7th February, 2008 at Agricultural College and Research Institute (TNAU), Madurai.
13. Technical Update seminar on 'Cutting Edge Molecular Techniques' held on March 1st, 2008 at Lady Doak College, Madurai
14. Training course for 'trainers in soft skills' organized by AIACHE at Aluva from 19th to 24th May, 2008.
15. Workshop on Sensitization and Actual Functioning of B.Voc. and UGC Community Colleges on 1-2 August 2014 in the Madras Christian College, Chennai.
16. Workshop on Choice Based Credit System(CBCS) and Credit Framework for Skill-based Vocational Courses on 20 March 2015 at Pondicherry University organized by the University Grants Commission.
17. UGC sponsored "Workshop on Review, Evaluation and Action plan for UGC Community Colleges and B.Voc Centres in Tamil Nadu and Kerala" held on 20 & 21 August 2015 at Jayaraj Annapackiam College for Women, Periyakulam.
18. UBCHEA sponsored "Interface Meeting of UGC Community Colleges, B.Voc and Kaushal Kendras" at Loyola College, Chennai on 30 March 2016.
19. UBCHEA sponsored "Refresher Programme for the Life Skill Teachers of UGC Community Colleges, B.Voc Centres and KAUSHAL KENDRAS in Tamilnadu" organized by ICRDCE in collaboration with Loyola Students Support Services (LSSS), Loyola College, Chennai on 21 and 22 Sep 2016

Seminars attended

1. Seminar on “River Cooum-Let it be a Resource” held at The Institution of Engineers, Adams Road, Madras (organized by The Institution of Engineers, Madras and University of Madras).
2. Seminar on “Prospects of Nuclear Power” held at Loyola College, Madras (organized by IGCAR, Kalpakkam and Zoology Department, Loyola College).
3. Fifth Science Research Seminar in Tamil on “Ecology, Environment and
4. Pollution Control” on 11 and 12 March, 1988 at University of Madras (organized by University of Madras, CECRI, Karaikudi and Swadeshi Science Movement).
5. Seminar on “Water Resources Management” on 10 December, 1988 at C.P.R, Environmental Education Centre, Madras.
6. Seminar on “Water Conservation” held at Hotel Adyar Park Sheraton on 29 January, 1989 (organized by Madras Naturalists Society, Madras).
7. Seminar on “Sustainable Development and Sustainable Utilisation of Natural Resources” held at Loyola College, Madras on 5 and 6th February, 1993.
8. National Seminar on “Living Resources for the Millennium 2000” held at Loyola College, Chennai, 1998.
9. National Seminar on Environmental ethics and sustainable development held at Lady Doak College, Madurai, 2001.
10. UGC sponsored Seminar on Globalization and Rural Development held at Arul Anandar College, Karumathur 2001.
11. Seminar on ‘Poultry for sustainable food production and livelihood’ on 4th and 5th October, 2001 at Loyola College, Chennai.
12. UGC sponsored National Seminar on ‘Drought Management’ at Arul Anandar College, Karumathur, 15 and 16 March 2004
13. State level seminar cum training on ‘AIDS- A Psycho-social perspective’ on 26, 27 and 28th February, 2002 at Arul Anandar College, Karumathur.
14. Seminar on ‘WTO and Medicinal Biotechnology’ held at Taj Hotel, Madurai, 2002.

15. National Seminar on Rural Biotechnology for Sustainable Development held in Feb, 2004 at Gandhigram Rural Institute, Gandhigram.
16. Seminar on 'Genomics and Proteomics- Methods and Applications', 29 and 30th September 2005 at School of Biotechnology, M.K.University, Madurai.
17. UGC sponsored National Seminar on 'Organic Farming' held at Arul Anandar College, Karumathur 2006.
18. National Seminar on Mosquito Biodiversity and Challenges in the Control of Mosquito-Borne Diseases held at Loyola College Chennai. February 19 & 20, 2007.
19. National Seminar on Recent Trends in Energy Technologies held at The American College, Madurai on 14 August 2015.
20. Advanced Separation and Detection Seminar organized by Agilent Technologies India Pvt. Ltd. on 5 September 2018 at Madurai.
21. International Seminar on Contemporary Ethical Issues organized by the Department of Religion, Philosophy and Sociology of The American College, Madurai on 18 February 2019.

Lectures / Talks given:

Resource person

YSSP programme, The American College, Madurai in 2003 and 2004.

Guest lecture on "Water- the elixir of life" at NMSSVN College on 7th January, 2009.

Guest lecture on "Environmental Studies" at NMSSVN College on 26th March, 2009.

TNSCST sponsored one day awareness seminar on Environmental Protection held at Arul Anandar College, Karumathur on 6th August, 2009.

Chaired a session in the International Conference on Women Empowerment & Social Sciences-2015 held between 5-7, March 2015 at The American College, Madurai, India.

Sequences submitted to NCBI

16 S rRNA sequences – 6

CO1 gene sequences - 9

Awards / Fellowships:

1. CSIR Research Associateship awarded by CSIR, New Delhi in 1991.
2. “Research Scholar Award” presented by Bell Matriculation School, Palayankottai on Teacher’s Day, 5 September, 1995.
3. “Outstanding Faculty Award” presented by Venus International Foundation, Chennai, India on 5 July, 2015.
4. “Loyola Environmental Award” presented by SECNARM, Loyola College, Chennai, India on 5 December, 2016.
5. Best Scientist Award presented by IMRF, India on 14 March 2019 at Carmel College for Women, Nuvem, Madgoan, Goa.

Doctoral Students

Completed:

Name of the student	Title of the thesis
Dr. J. Joy Sharmila	Biodiversity of butterflies in Azhagar Hills Reserve Forest
V. Jemima Florence Borgia	Studies on the Toxicity of Effluent from Electroplating Industry to the Freshwater Fish, <i>Cyprinus carpio</i>

Ongoing:

Name of the student	Title of the thesis
M. Andrew Pradeep	Screening for antimicrobial and antitumor properties of chosen seaweeds against microbial consortium and cancer cell lines.
D. Ramya	Biosorption of chromium Nickel and Zinc using Chosen Bacterial Strains
J. Stella Mary	Biosynthesis of Nanoparticles from chosen seaweeds for screening of antibacterial, antifungal, antioxidant and antitumor activities.
Vanitha	Hydrological Assessment of Sathiyar River in Madurai District.
James Walter	Toxicological impact of Monosodium glutamate (MSG), on the Human Gut Microbes.
Sharmila	Studies on the Butterflies of Karanthamalai Reserve Forest.

UGC Sponsored Major Project:

Title	Year of Award	Amount Awarded	Status of the project- Completed /Ongoing	Co-investigator, if any
Bioremediation of effluents from electroplating using chosen bacteria	2011	Rs.8,53,000	Completed	Mr. M. Andrew Pradeep Mrs. Stella Mary

UGC Sponsored Minor Project

Title	Year of Award	Amount Awarded	Status of the project- Completed /Ongoing	Co-investigator, if any
Biodiversity of Butterflies in Alagar Hills	2009	1.5 lakhs	completed	As co-investigator

Overseas Academic Visits:

International Conference Emerging Trends in Multidisciplinary Research held at Singapore on 27-30 December 2017.

Other Activities / Academic Credentials:

- Passed CSIR NET Examination December 1999