

M.RAJESH M.Sc., M.Phil.,
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Blogspot : lifesciencejob.blogspot.com



Objective : To pursue a successful career as a professional in an organization that provides opportunities for learning and development.

- **TOTAL TEACHING EXPERIENCE : 26 Years**
- **RESEARCH EXPERIENCE : 23 years**

Experience in various colleges

- From June 2011 as **Asst. Professor in Zoology**, The American college, Madurai
- Aug 1997 to June 2011 **Senior Lecturer in Zoology**, Dept of Biochemistry & Biotechnology Sourashtra college, Madurai – 4
- Sep 1996-Aug 1997 **Lecturer in Biochemistry** Ayira Vysiar College, Kallampatty, Madurai

Additional qualification Passed SET (State Level Eligibility Test for lectureship) conducted by Bharathiyar University during 2013

Education

- **Ph.D in Zoology** (Bharathiyar University) - Pursuing
- 2004-2005 **Advanced Diploma in Applied Bioinformatics** - Bioinformatics Institute of India, Noida
- 1993 – 1994 **Master of Philosophy in Zoology (Spl: Immunology)** The American college, Madurai Madurai Kamaraj University
- 1991-1993 **Master of Science in Zoology** - VHNSN College, Virudhunagar - Madurai Kamaraj University, Madurai.
- 1988-1991 **Bachelor of Zoology**, Madura College, Madurai Madurai Kamaraj University

Software Knowledge

- 1994 -1995 **Honours Diploma in Software Technology and System Management**, NIIT, Madurai

Projects

- **Ph.D** Impact of fauna and flora on biodegradation of pesticides
- **M.Phil** Immunomodulatory effect of Aluminum in *Oreochromis mossambicus* (Peters)
- **M.Sc** Effect of Deltamethrin on the Biochemicals of protein, carbohydrate and lipid in *Chrysocoris purpureus* (Linn).

Awards from National/International Organisation

1. Theni cultural society gave **Best Innovative Teacher Award**, 2016
2. Global Management Council, Ahmedabad awarded with “**Adarsh Vidya Saraswati Rashtriya Puraskar**” Award on 2nd March, 2018
3. **Best Researcher Award** by IMRF in its 100th International conference at Goa 2019
4. **Best Young Faculty Award - 2019** by Novel Research Academy, Pondicherry
5. **Academic Achiever Award in Zoology 2020** in the National conference on environmental sustainability, health and environment abatement organised by Dept of Zoology, MSS Wakf Board College
6. **Best Faculty Award 2021** from Ace International Pte Ltd, Singapore on 30.07.2021

7. **“Dr.Sarvepalli Radhakrishnan Best Teacher Award”** from Redpond Educational and Psychological Research Centre, Madurai
8. **P.S. Malaipandi Sutru Choolal Arvalar Award 2021** from Pandyanadu Cultural Foundation, Madurai

Best Paper award:

- ❖ Best oral paper presentation award at **National conference on Aquatic ecology, utility, conservation and sustainable management** held at Govt. First Grade College, Chikballapur, Karnataka

Prizes:

- Won II Prize in **Zoofest-91 Quiz** competition held at American College – 1991

World Records

- Awarded a certificate by **ASSIST WORLD RECORDS** for **LARGEST PALMYRA PALM SEEDS PLANTATION** in Multiple venues on Single day 22.09.2019
- Awarded a certificate by **Asia Book of Records** for being participated in the record event **“Maximum Number of people performing fitness workout via online”** connectivity set by True and Health Digital Media, Chennai – 9, August, 2020

Academic excellence

- **Chair Person** in **CSIR sponsored Global opportunities for recent developments in science and technology**, Rev. Jacob Memorial college of Arts and Science, Ambillikkai
- **Subject expert** in Thyagi Dharmakkan Amirtham College of Arts & Science, Kannirajapuram, Ramnad District
- **Resource Person** for the Workshop on **Statistical packages for the Social sciences”** organized by Jayaraj Annapackiam College for Women, Periakulam, Theni.
- **Chair Person** in National conference organised by PG & Research Department of Zoology, The American college, Madurai
- **Resource Person** for the **International seminar on Emerging Trends in Research** held at Thiravium college of arts and science for women, Theni
- **Resource Person** in **Guide Teacher Training workshop - NCSC 2018** on 25 July, 2018 organised by Tamilnadu Science Forum, Madurai
- **Resource Person & Inaugurated Research Forum** in Fatima college, Madurai and motivated the students for research
- **Resource Person** in Convention on Women and Coastal conservation in Madurai Symposium, 2019 organised by Dhan foundation, Madurai on 21.09.2019
- **Resource Person** in the Dept of Home Science, VVV college for women, Virudhunagar on 24.09.2019
- **Resource Person** in MVM Govt Arts and Science college for women, Dindigul

- **Keynote Address** in the **Explorea 2020** (Intercollegiate research Fest) organised by Research Forum, Fatima college, Madurai.
- **Keynote speaker - Commemoration of Darwin Birthday on 12.02.2021** organized by Charles Darwin Club, Department of Zoology, GTN Arts College, Dindigul
- **Invited Speaker** in the **2nd International Conference on Environmental, Agricultural, Chemical and Biological sciences** organized by Voice of Indian concern for Environment (VOICE) on January 25, 2021
- **Resource Person in the 102nd Birthday celebration of Banyan tree** at Meenakshipuram, Madurai on 25.07.2021
- **Resource Person in the Palm Tree Seed Plantation** at the Banks of Sellur Kanmai organized by Neer Nilaiyal Padhukappu Iyakkam, Madurai
- **Resource Person** in the **Butterfly Walk** organized by Department of Zoology, Vellaichamy Nadar College, Madurai on 17th September, 2021
- **Keynote Address** in the **Inauguration of Students Research Forum** organised by Research Advisory committee, Fatima college, Madurai on 06.10.2021
- Resource Person in **Butterfly Walk and Count** organized by Eco Club, Mannar Thirumalai Naicker College, Madurai on 09.10.2021
- Resource Person in **Biodiversity around us and survey on faunal diversity** organized by department of Zoology, VVV College, Virudhunagar on 17.12.2021
- Resource Person in **Cambus Bird count** organized by SVN College, Madurai
- Resource Person in **National Science Day celebrations** organized by Meenakshi college of Health Sciences, Madurai On 03.03.2022
- Resource Person in **World sparrow day Commemoration** organized by EMG Yadava Womens college, Madurai
- Resource Person in **World water day commemoration** organized by Standard Fireworks Rajarathinam college for women, Sivakasi

Positions

- **Secretary, BIM club**, Sourashtra college, Madurai
- 2009-10 - **Secretary, Biology Association**, Sourashtra college, Madurai
- 2012-19 - **Secretary, Green Club**, The American College, Madurai
- From 2016 - **Secretary**, Environment Protection and Improvement Council (EPIC), Madurai
- From 2015 - **Director, American college Alumni cell**
- From 2018 - **Life Member**, International congress of Entomology and Zoology studies
- From 2019 - **President**, Tamilnadu Science Forum, Madurai
- From 2020 - **Convener, Green club**, The American College, Madurai

Overseas presentation

- 2 Papers in Thailand symposium
2 Papers in Singapore Conference

Countries Visited - Thailand, Sri Lanka, Singapore & Malaysia

Overseas presentation

1. Second **International symposium of Biopesticides and Ecotoxicological Network**, held

at Faculty of science, Kasetsart University, **Thailand**

2. International conference on **Recent Trends in Multidisciplinary Research** at Umar Pulavar Arangam, **Singapore**

Administrative Experience :

- From 2015 - **Director**, Alumni Cell, The American College, Madurai
- From 2021 - **Convener**, Green Club, The American College, Madurai

Other Administrative Responsibilities:

- 2015 - 2018 - **Academic Advisor**, B.Sc Zoology
- 2017 - 2019 - **President**, UG Zoology Association, The American college
- 2019 - 2020 - **President**, PG Zoology Association, The American college - Academic Advisor, I MSc Zoology
- 2019- NAAC Criterion VII Member
- 2021- NIRF Team member
- 2021 - 2022 - **President**, PG Zoology Association, The American college

Research Papers published in National & International Journals (15)

1. **Toxic Effect of Aluminium in *Oreochromis mossambicus* (Peters)**. Journal of Pure and Applied Microbiology, Vol. 4(1), p.279-284.
2. Vijayakumar, R., A.J. Thatheyus and **M. Rajesh**, 2015. **Acute Toxicity of Mercury, Cadmium and Manganese to the Larvae of *Chironomus tentans***. In: Current and Emerging Trends in Biological Sciences, Annapoorani, P., R. Renuka and P. Mehalingam (Eds.), VHNSN College Publications, Viradhunagar, India.
3. Jebaraj, V.P., 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, Shakila, P.B. (Ed.), Jacob Memorial Christian College, India, pp: 173-178
4. Muniandy, S., A.J. Thatheyus and **M. Rajesh**, 2014. **Mixture Toxicity of the Heavy Metals Cop per and Zinc to the Larvae of *Chironomus tentans***. In: Invertebrates Systematics and Biology, Proceedings of the UGC sponsored National Seminar on Invertebrate Taxonomy, Thomas, S. and G.K. Joseph (Eds.), Nirmala College, Muvattupuzha, Kerala, India, pp: 78-81
5. **Rajesh, M.** and A.J. Thatheyus, 2016. **Digitalization of Library Resource A Greener Reading Experience**. In: Digitization of Library Enhancing Reading Culture, Christofer, M.D. (Ed.), Daniel Poor Memorial Library, The American College, Madurai, India, pp: 43-47
6. Thatheyus, A.J., **M. Rajesh**, S. Nallakamu and Ananth, 2015. **Mixture toxicity of cadmium and manganese to the larvae of *Chironomus tentans***. Res. J. Pharmacol. Toxicol., 1: 46-48
7. **Rajesh M**, M Samundesswari, B Archana 2017 - **Isolation of biosurfactant producing bacteria from garbage soil** **Journal of Applied & Environmental Microbiology**, 5(2), 74-78. DOI: 10.12691/jaem-5-2-3
8. B Archana, **M Rajesh**, M Samundeeswari 2017 **Isolation of polythene degrading bacteria from garbage soil** **International Journal of Recent Advances in Multidisciplinary Research** Vol. 04, Issue 09, pp.2813-2818, September,
9. **M.Rajesh**, A.Joseph Thatheyus and Kumaresan C. 2017 **A preliminary study on Avifaunal species diversity of the American college, Madurai, Tamilnadu**, India Roots International Journal of Multidisciplinary researches. Vol 4. Spl Issue 1 December 2017 pp 58-64 ISSN:2349 - 8684
10. A.Joseph Thatheyus and **M.Rajesh** 2017 **Mixture toxicity of the heavy metals Nickel and Hexavalent Chromium to the freshwater fish, *Cyprinus carpio Communis***. **Roots International Journal of Multidisciplinary researches**. Vol 4. Spl Issue 1 December 2017

pp65-69 ISSN:2349 - 8684

11. **M.Rajesh** and M.Vathanaruba 2017 *Empowering Women in Environment Protection Roots International Journal of Multidisciplinary researches*. Vol 3. Spl Issue 2 January 2017 pp 5-10 ISSN:2349 - 8684
12. **M.Rajesh**, Archana B and Samundeeswari M, 2019 **Isolation of Chlorpyrifos degrading bacteria from Garden soil International Journal of Zoology and Animal Biology**. 2(4):000155
13. P.Dailiah Roopha, **M.Rajesh**, J.Stella Mary 2020 Screening of Some Traditionally Used Medicinal Plants For Their Potential Antibacterial Activity, *Tathapi* (UGC Care Journal) ISSN:2320-0693 Vol-19-Issue-42-June-2020
14. **M.Rajesh**, A.Josep Thatheyus and Sankarammal S. 2021 Bioremoval of cadmium using gthe bacterial strain *Pseudomonas oleovorans* MTCC 617 (Pseudomonadales, Pseudomonadaceae). **International Journal of Zoology and Animal Biology** 4(2):000296
15. **M.Rajesh, A.Gamgadharan, R.Kishore, S.Ganapathi**. 2021. Avian diversity in Manjamalai Sacred Grove, Madurai district, Tamilnadu, India. *Journal of Science and Technology*, Vol.06, Issue 04, July-August 2021, pp110-122 ISSN:2456-5660
16. M.Swathi, S.Selva Rani , G.Preetha, **M.Rajesh** The Energy to Change: A Sustainable World (Clean energy: A Special Focus On Fossil Fuels And Health Impacts In India. 2(2): 01-07 ISSN: 2583-178X

Resource Person in the Webinar (27)

1. **Resource person** in the webinar on **We and our Environment** organized by MAVMM Ayira Vysiar College, Madurai – 13.05.2020
2. **Resource person** in the webinar on **Nature vs Technology** organized by SRM Valliammai College of Engineering, Chennai – 14.05.2020
3. **Resource person** in the webinar on **Biodiversity** organized by Eco Club, Mannar Tirumalai Naicker College, Madurai - 22.05.2020
4. **Resource person** in the webinar on **Impact of COVID 19 on Environment** organized by Department of Zoology, APC Mahalaxmi college for women, Thoothukudi – 05.06.2020
5. **Resource person** in the webinar on **The Environment Post COVID : Mirage or Hope** organized by Department of Zoology, Arumugam Pillai Seethai Ammal College, Thirupattur – 20.06.2020
6. **Resource person** in the webinar on **Face Mask – Life Mask** organized y The American college and Tamilnadu Science Forum, Madurai – 02.07.2020
7. **Resource person** in the webinar on **How Human succeed Viral diseases?** Organized by Iragakul Raveendran's Mr. Owl's classroom – 07.07.2020
8. **Resource person** in the webinar on **The Misunderstood Reptile: The Snakes** organized by PG & Research Department of Zoology, Sri Vasavi College, Erode - 18.07.2020.
9. **Resource person** in the webinar on **Hissssss Snakes** organized by Nature club, Rajapalayam Rajus college, Rajapalayam - 20.07.2020
10. **Resource person** in the webinar on **Youth For Environmental sustainability** organised by NSS, VVVanniaperumal college for women, Virudhunagar 03.08.2020
11. Resource Person in the webinar on Remembering APJ Abdul Kalam and gave a talk of **APJ Vision for Science** on 27.07.2020 organised by Spotlight Madurai
12. **Resource person** in the webinar on **Snakes: One of the Nature's Most Misunderstood Reptile:** organized by Women Christian College, Chennai on 02.09.2020
13. **Resource Person** in the webinar on **Know Environment Know Life** during Wildlife Week – 2020 organized by Department of Zoology & Biodiversity Club, Vellalar College for Women, Erode on 07.10.2020
14. **Resource person** in the webinar on **Connecting People to Nature** organized by Seethalakshmi Achi College for women, Sivagangai on the eve of Wild life Week Celebration on 08.10.2020
15. **Resource person** in the webinar on **Nature and Wellness** organized by Department of

- Psychology, The American college in the Mental Health Webinar series 2019 in association with International centre for Clinical psychology and psychotherapy, Germany on 11.11.2020
16. **Resource person** in the webinar on **Our Earth, Our Habitat, Our Home** organized by Jeppiar college of Arts and Science, Chennai on 24.11.2020
 17. **Resource Person** in the Webinar on **Wetlands and Water Inseparable** during **50th Anniversary of Ramsar Convention** organized by Department of Microbiology, Sourashtra college, Madurai on 02.02.2021
 18. **Resource Person** in the Webinar on **Wetlands – Where are you?** organized by Swachh Campus Programme, VVVanniaperumal College for Women, Virudhuinagar on 04.02.2021
 19. **Resource Person** in the Webinar on **Wetlands – Kidneys of Earth Celebrating 50 years of Ramsar Convention** organized by Department of Lifesciences, Kristu Jeyanti College, Bengaluru on 12.02.2021
 20. Resource Person in the Webinar on **Conservation of Birds – A Necessity** organized by PG & Research Dept. of Zoology, Holy Cross College (Autonomous), Tiruchy on 15.02.2021
 21. Resource Person in the National Webinar on **Plant, Planet and People** organized by Spotlight (MDU) Educational YouTube Channel on 22.05.2021
 22. Resource Person in the Webinar on Celebrating World Biodiversity Day **“We’re Part of the solution”** organized by Nature Club (Rajapalayam Rajus College) & Wildlife Association of Rajapalayam on 22.05.2021
 23. Resource Person in the National webinar on **Biodiversity:Life Insurance of the changing world** organized by Eco Club, Mannar Thirumalai Naicker college (Autonomous), Madurai on 26.05.2021.
 24. Resource Person in the National webinar on **Career opportunities to Life Science Students** organized by PG Dept. Of Zoology, Sri Vidhya Mandir Arts and Science College (Autonomous), Uthangarai, Krishnagiri On 02.06.2021
 25. Resource Person in the Lecture series on **Restore our Ecosystem** during World Environment Day organized by Eco Club, Dr.NGP College Arts and Science College, Coimbatore on 05.06.2021
 26. Resource Person in the National level Webinar on **Corona Virus and Wildlife Trade** organized by Eco Club and PG Dept. of Zoology, Pope’s College (Autonomous), Sawyerpuram on 09.06.2021
 27. Resource Person in the National level Webinar on **Oh! Butterfly** organized by Eco Club Shift II, Womens Christian College, Chennai on 01.10.2021
 28. Resource Person in the National level Webinar on **World Sparrow Day** organized by PG department of zoology, Sri Vidhya Mandir College, Katteri, Krishnagiri on 19.03.2022
 29. Resource Person in the webinar on **World Water Day** organized by Tamilnadu Science Forum, Madurai on 21.03.2022

PAPERS PRESENTED/PARTICIPATED AT INTERNATIONAL CONFERENCE : 14

2019	7th India Biodiversity Meet 2019 International Conference organized by Agricultural Statistical Research Unit, Indian Statistical Institute, Kolkata on 19-21, November, 2019
	1st International Conference on Recent Trends in Clean Technologies for Sustain able Environment (CTSE-219) , SSN College of Engineering, Chennai from Sep tember 26–27, 2019
	International Eco conference Greening the globe for sustainable living, organised by CSI Ecological concerns, Chennai ON August 1-4, 2019

	IMRF's 100th International conference on Multidisciplinary sciences, Goa
	International Conference on Innovations in Business and Management organised by Dept of Commerce, The American college on 1 & 2 February 2019
2018	International Biodiversity Congress (IBC 2018) 4-6 October, 2018 at Forest Research Institute, Dehradun, India
2017	International conference on Recent Trends in Multidisciplinary Research at Umar Pulavar Arangam, Singapore organized by The American college
	International conference on “Women and Power – Challenges and opportunities” organized by Centre for Gender Studies, The American college, Madurai
2016	International conference on Food mediated immunity organized by Pg & Research department Zoology and Department of Immunology & Micro biology, The American college, Madurai on 31 August and `1 September, 2016
2015	International conference on Waters: Pollution to Purification at Mahatma Gandhi University, Kottayam, Kerala
2011	International conference on Aquatic toxicology and Biodiversity held at Acharya Nagarjuna University, Vijayawada
	International conference on Environmental susceptibility challenges and strategies held at Fatima college, Madurai
2008	Participated in the International Conference on Transcriptomics held at Ayya Nadar Janaki Ammal College, Sivakasi
	Presented Paper in the International Conference on Climate Change and Water Crises held at Bishop Moore College, Mavelikara, Kerala

PAPERS PRESENTED AT NATIONAL Conference/Seminar : 24

	National conference on “Quality Sustenance in Higher Education Institutions” organised by IQAC, Lady Doak College, Madurai
2018	National conference on “Modern Mathematics & Its Applications” (NCMMA-2018) on January 22 & 23, 2018 organised by The American college, Madurai
2017	ISCA, Kolkata sponsored National conference on “Reaching the Unreached through Science and Technology - Concepts, Principles and Application of Science and Technology for Nation Building” organised by ISCA, Coimbatore chapter held at Kongunadu Arts and Science college, Coimbatore during 9th-11th October, 2017
2016	5 th State level seminar on Current Perspectives of Enzymology organized by Venture Institute of Biotechnology and Bioinformatics Research, Madurai

	National conference on Digitization of Library: Enhancing Reading Culture , Organized by Daniel Poor Memorial Library, The American College, Madurai 5 & 6 February 2016
2015	National conference on Applied Zoology in sustainable development: An update at Univer sity of North Bengal, Siliguri, Darjeeling, West Bengal
2014	National conference on Amalgamation of science organized by VVV College for women, Virudhunagar
	CSIR sponsored Global opportunities for recent developments in science and technology , Rev. Jacob Memorial college of Arts and Science, Ambillikkai, February, 2014 ISBN: 978-93-82323-26-6
	National seminar on conservation significance of Snake – snake bite, first aid and treatment (NSCSS-2014) at Pasumpon Muthuramalinga Thevar College, Usilampatti
2013	UGC sponsored National Seminar on Invertebrate Taxonomy Current trends and Future Prospects , 12-13 November 2013 Nirmala College, Muvattupuzha, Ernakulam, Kerala
	Frontier Vistas in Modern Biotechnology , The American College December 2013 ISBN :978-81-928661-0-9
2012	Recent challenges in Biotechnology organized by Department of Microbiology and immunology, American college, Madurai
	State level seminar on Perspectives of Biotechnology (Hitherto and henceforth) held at Venture Institute of Biotechnology and Bioinformatics, Madurai
2011	National conference on Aquatic ecology, utility, conservation and sustainable management held at Govt. First Grade College, Chikballapur, Karnataka
2010	National conference on Herbototechnology conducted by Sourashtra college, Madurai
	National conference on Biotechnology held at Yadava College for Women, Madurai
2009	Indo 3rd Indo-Korean Joint Seminar on Medicinal Plant Research (IKMPR 2010) organized by Avinashilingam University For Women, Coimbatore
	National conference on Marine resources and Utilization Organized by St.Mary's College , Tuticorin
2008	2nd conference on Medical Arthropodology Organized by Centre for Research in Medical Entomology, ICMR, Madurai
	National Seminar on Emerging Issues in Quality and Safety of Fish and Shellfish (EIQASFISH'2008) held at Fisheries college & Research Institute, Tuticorin
2004	UGC sponsored National seminar on Bioremediation and Biodegradation held at Sourashtra college, Madurai

1999	National conference on Biotechnology: Hitherto & Henceforth held at The American college, Madurai
1995	National Research Seminar on Metal Toxicity Organized by Dept of Zoology, Govt. K.R.G. Post Graduate College, Gwalior, Madhyapradesh.
	National Seminar on Aquatic Animal Health held at Dept. of Aquatic Biology and Fisheries, Thiruvananthapuram Beach, Kerala.

SEMINAR ATTENDED/PARTICIPATED: 22

1993	Regional Seminar on Aquatic Hazards , held at Kamaraj college, Tuticorin.
1997	Second Symposium on Vectors & Vector Borne Diseases organized by The National Academy of Vector and Vector Borne Diseases, held at Goa.
2000	State level seminar on “Biology in the New Millennium” held at Lady Doak College, Madurai.
2001	State level intercollegiate PG seminar on Recent Advances in Microbiology & Biotechnology held at Lady Doak College, Madurai
2004	National seminar on “Rural Biotechnology for Sustainable Development” held at Gandhigram Rural University, Gandhigram
2005	“Regional Seminar on Bioinformatics” organized by Post Graduate Department of Zoology, Vivekananda College, Thiruvudagam, Madurai.
	“Faculty Development Programme on Teaching Methods and Interpersonal Relationship” held at Sourashtra college, Madurai.
2006	Regional Seminar in Bioinformatics” held at Thiagarajar college of Engineering, Madurai.
	DBT sponsored National symposium on Frontier Areas in Plant Biotechnology held at Lady Doak College, Madurai
	National Conference on Environmental pollution management and sustainable development held at Gandhigram Rural University, Gandhigram.
2007	AICTE Sponsored National level Workshop on Technology options for a Greener Environment at Mount Zion College of Engineering & Technology, Pudukkottai
	Workshop on Biodiversity and Conservation strategies on the Threatened and Endangered species of Gulf of Mannar Marine Biosphere held at Fisheries college, Tuticorin
	Seminar on Environmental Sustainability of Western Ghats of India held at Nesamony Memorial Christian College, Marthandam, Kanyakumari.
	National conference on Status and Prospects of Medicinal Plant Resources and Herbal Technology held at Saraswathi Narayan College, Madurai.
2010	Conference on ‘Biotechnology: Fusion of Advanced Research and Teaching,’ organized by the School of Biotechnology, Madurai Kamaraj University, Madurai.
2011	Faculty development programme on Research methods using SPSS organized by PSG Institute of management & Hallmark Business School
	National science day & 42nd Aqua Terr Annual conference on genomic sciences , held at School of Biological sciences, Madurai Kamaraj University
2014	State Level symposium on rearing Multivoltine Silkworm (<i>Bombyx mori</i>) by adopting innovative technology sponsored by TNSCST at HKRH College, Uthamapalayam

2015	One day National Seminar on “ Recent Trends in Energy Technologies ” was organised by the Department of UG & PG Physics (SF) and Department of Applied Sciences.
	DBT sponsored National conference on “ Community Microbial consortia and human holobiont ” organized by Department of Immunology & Microbiology, The American college, Madurai
	Framework Consultation on Environmental Action in the Network Institutions of United Board in India at Karunya University, Coimbatore organized by Bishop Heber College, Tiruchy
2018	Advanced separation and Detection Seminar organised by Agilent Technology, India

International/National Workshop attended: 12

2005	Participated in the Workshop on Environmental Studies conducted by Trust for Research & Education on Environment & Sustainable Development, (TREES) held at Sourashtra college, Madurai
2006	Participated in the Quality Control Workshop conducted by Madurai Medical College, Madurai
	DST, Govt. of India sponsored 2 days workshop “ Bioinformatics & Computational Biology ” held at Thiagarajar college of Engineering, Madurai.
2007	AICTE Sponsored National level Workshop on Technology options for a Greener Environment at Mount Zion College of Engineering & Technology, Pudukkottai
	Workshop on Biodiversity and Conservation strategies on the Threatened and Endangered species of Gulf of Mannar Marine Biosphere held at Fisheries college, Tuticorin
	Attended 5 day workshop on Bioinformatics and Information Technology at Madras Veterinary college, Chennai
2008	Attended Technical Update Seminar on Cutting Edge Molecular Techniques held on March 1 st 2008 at Lady Doak College, conducted by Eppendorf , Chennai.
	Participated in the International Awareness Workshop and Training Course on Bioethics Education held on 26 th & 27 th Dec, 2008 at Arul Anandhar College, Madurai.
2017	Undergone hands on workshop programme in “ DNA barcoding ”, organized by Department of Immunology and Microbiology, the American College, Madurai, powered by EXONN technologies, Chennai during 11 th May – 13 th May, 2017
	TNSCST sponsored National level workshop “ Conventional and modern taxonomical tools in faunal identification ” on 4 th & 5 th October, 2017 organised by PG & research Department of Zoology, Lady Doak College, Madurai
2019	Two day State level workshop on “ NAAC Accreditation of colleges: Revised Accreditation Framework ” conducted by IQAC, Madurai Kamaraj University, Madurai

	One day workshop on Curriculum Developments organised by PG & Research Dept of Zoology, The American college, Madurai
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Papers published in Proceedings: 10

2019	International conference on Innovations in Business and Management ISBN: 978-93-88398-34-3
2016	In: Digitization of Library Enhancing Reading Culture, Daniel Poor Memorial Library Centennial celebration
2015	Mixture toxicity of Cadmium and Manganese to the larvae of <i>Chironomous tentans</i> . Research Journal of Pharmacology and Toxicology 01:[04]2015
2014	CSIR sponsored Global opportunities for recent developments in science and technology , Rev. Ja cob Memorial college of Arts and Science, Ambillikkai, February, 2014 ISBN : 978-93-82323-26-6
	National seminar on conservation significance of Snake – snake bite, first aid and treatment (NSCSS-2014) at Pasumpon Muthuramalinga Thevar College, Usilampatti
2013	UGC sponsored National Seminar on Invertebrate Taxonomy Current trends and Future Prospects , 12-13 November 2013 Nirmala College, Muvattupuzha, Ernakulam, Kerala
	Frontier Vistas in Modern Biotechnology, The American College December 2013 ISBN :978-81-928661-0-9
2012	GMO – A violation of God’s law, Perspectives of Biotechnology – Hitherto and Henceforth, Venture Institute of Biotechnology and Bioinformatics. ISBN:978-81-90864-91-6
2010	Toxic Effect of Aluminium in <i>Oreochromis mossambicus</i> (Peters). Journal of Pure and Applied Microbiology, Vol. 4(1), p.279-284.
2008	Proceedings of National Seminar on Emerging Issues in Quality and Safety of Fish and Shellfish (EIQASFISH’2008) held at Fisheries college & Research Institute, Tuticorin

Guest lecture/ Awareness programme

- 2011
- Visiting Faculty lecture on **Statistical tools in biology** in Venture Institute of Biotechnology and Bioinformatics, Pasumalai, Madurai
 - Special dignitary in **Walkathon 2011** Organized by K-Link Healthcare (India) Pvt Ltd. Madurai during the commemoration of International day for preservation of Ozone layer
- 2013
- **Awareness on environment and House sparrow conservation** at Seed Plan Centre, Madurai
 - **House sparrow conservation Talk** at Little Kingdom Senior School, Theni
 - **Destruction of Seemai Karuveli tree (*Prosopis juliflora*) which decrease the ground water table** in the premises of madurai with the Green club students of American college.

- **Sparrow Conservation awareness programme** for the public in and around Madurai district under Green club of The American College
- **Distribution of sparrow nest boxes** to the public to save the declining house sparrow population in Madurai under Green club of The American College
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- 2014 A Talk about Environment** in CSI College of Arts and Science for women, Madurai
 - As **Quiz Master** conducted quiz competition in Seventh Day Adventist Hr.Sec.School Jaihindpuram.
 - **Guest lecture on Seemai karuvelam Olippu** organized by Rotary club, Madurai and Makkal Sakthi Iyakkam
 - **Campus Bird Count** conducted in colleges of Madurai through **Madurai Nature Forum**
- 2015** - **Environment Day Awareness** in Sethupati Hr.Sec.School, Madurai **Conservation of Biodiversity talk** in Capron Hall Girls Hr.sec.School House sparrow survey in Madurai
- 2016**
 - **Inauguration of National Green Corps** at Chandler Matric. Hr.school, Madurai
 - **Inauguration of Environmental club** at SFR College of arts and Science, Sivakasi
 - **Soil Day commemoration** at CSI College of Arts and Science for women, Madurai
- 2017**
 - **Role of Women as Environment ambassador** in CSI College of Arts and Science for women, Madurai
 - **“ENVIRONMENT PROTECTION AND CONSERVATION”** Sriram Nallamani Yadava Matriculation School, MADURAI
 - **Biodiversity Conservation** in EMG Yadava college for Women, Madurai
- 2018**
 - **World Wetlands Day Talk - Eco Club,** Mannar Thirumalai Naicker College, Madurai
 - **Chief Guest - World sparrow day** commemoration in CSI College of Arts and Science for women, Madurai on 20.03.2018
 - **Special lecture on “5Rs to Beat Plastic Pollution”** Zoology Association Meeting on 7 August 2018
- 2019**
 - **House Sparrow nest box Techniques** organised by Dept of Zoology, NMSS.Vellaichamy Nadar college, Madurai on 22.02.2019
 - **Role of women in environmental protection”** UG Association, MVM Govt college for women, Dindigul, on 23.02.2019
 - **“Research and funding opportunities”** PG Association, Dept of Zoology, MVM Govt college for women, Dindigul
 - **Bird watch** at Mannar Thirumalai Naicker College, Madurai on 26.02.2019
 - **Bird Watch** at Meenakshi Govt Arts College, Madurai on 01.03.2019
 - **Bird Watch** at Wakf Board College, Madurai on 12.03.2019
 - **Inaugural address in Science Exhibition** in Nehru Vidhyasalai Hr. Sec. School, Madurai on 06.09.2019
 - **Bird conservation and Sparrow nest box activity,** MVM Govt college for women, Dindigul, on 17.12.2019
- 2020**
 - **Lets Talk Birds and their conservation** in PG Dept of Zoology, VHNSN College, Virudhunagar

Radio/FM Talk

All India Radio

1. Butterfly

2. Artificial Intelligence Radio Serial

Kodai Panbalai 100.3

1. World Soil Day 05.12.2020
2. National Science Day 28.02.2021
3. World Sparrow Day 2021 – 20.03.2021
4. World Earth Day 2021 - 22.04.2021
5. International Biodiversity Day - 22.05.2021
6. World Environment Day – 05.06.2021
7. National Science Day – 28.02.2022
8. World Water Day – 22.03.2022

Radio Mirchi

1. Environment 23.12.2020

Radio City

1. About Environment

Guest Lecture on “House Sparrow conservation”

1. Seed plan centre, Karumbalai, Madurai
2. Little Kingdom School, Theni
3. Dept. of Zoology, VHNSN College, Virudhunagar
4. NSS, SACS MAVMM Engineering college
5. St.Joseph Matriculation school for Girls, Madurai
6. Oikos, Dept. of Zoology, Lady Doak College, Madurai
7. Fatima college, Madurai
8. Sri Meenakshi Govt. College, Madurai
9. Sri Nallamani Girls Hr.Sec.School

Awareness on Environment TALK

1. **WAKEUP** Madurai Forum
2. **Madurai Water Forum**
3. CSI college of arts & science for women
4. OCPM Hr.Sec.School for girls, Madurai
5. TVS Lakshmi Matric Hr.Sec.School
6. Sethupathy Hr.Sec.School

Seemai Karuvelam olippu

1. Rotary club & Makkal Sakthi Iyakkam
2. Discussion at Hotel Chenthoor by Anandraj, Advocate, Madurai High Court

Awareness on Biodiversity

1. Madurai Nature's Forum
2. EMG Yadava college for Women

Sparrow nest box workshop

- MVM Govt Arts and Science College, Dindigul
- NMS SVN College, Madurai
- Bharath Vidhya Mandir Matric. School, Iyer Bungalow
- Meenakshi Govt College for women, Madurai

ARTICLES PUBLISHED IN NEWSPAPERS

The Hindu

1. Microbes in cellphones
2. Sparrow nest box distribution
3. A rare tree's journey from Madagascar to Madurai
4. Sharing space with the birds

Dinamalar

1. செல்போனில் நுண்ணுயிரிகள்
2. சிட்டுக் குருவி
3. இனி பாலைவனமாகும் நம் பூமி - 20.10.2014
4. குண்டானவர்களை விரும்பும் கொசு - 06.12.2014
5. இந்தப் புவி மனிதனுக்கு மட்டும் சொந்தமல்ல - 22.04.2015
6. தலைமுறைகளுக்கு தாரைவார்க்கும் பூச்சிக்கொல்லி - 26.05.2015
7. உலக புவி நாள் 22.04.2017
8. ஈரநிலம் எனும் இயற்கை வளம் 02.02.2018

Tamil Hindu

1. உலக மண்தினம் 05.12.2014
2. கொசுனைவிரட்டும் செடிகள்
3. உலக சுற்றுச் சூழல் நாள் 05.06.2017

Dinakaran

1. சிட்டுக் குருவி நாள் 20.03.2014
2. நெகிழி பயன்பாட்டின் அழிவு
3. பாலிதீன் ஒழிப்பு

Times of India

1. Sparrow nest box distribution to the public
2. Sparrows return
3. Wetlands conservation

Trivancore Talk – Magazine from Kerala

- Regular weekly writer of environmental article

MEMBER of

- Bioinformatics Institute of India, Noida
- International Society Zoological Sciences (ISZS)
- Zoo Outreach Organisation, Coimbatore
- International Association for Ecology (INTECOL)
- Bombay Natural History Society (BNHS)
- Glacier Journal of Scientific Research, Ahmedabad
- Tamilnadu Science Forum (TNSF)
- International congress of Entomology and Zoology studies

ORGANIZER of

2004 - UGC sponsored **National Seminar on Bioremediation and Biodegradation** held at Sourashtra college, Madurai

2008 - **National Seminar on Emerging Trends in Herbotechnology** Organized by Biology Association at Sourashtra college.

2010 - State level seminar on **Recent Trends in Life Sciences** conducted by Department of Biochemistry & Biotechnology, Sourashtra college, Madurai

2011 - **Biodiversity workshop** conducted by Biology Association at Sourashtra college.

2012 - Recent Trends in Biotechnology organized by Department of Immunology and Microbiology, The American College, Madurai

2013 - House sparrow conservation programme and distribution of Nestbox to the public organized by GREEN CLUB, The American College, Madurai

2015 - The Fourth One Day State Level Seminar on Multidimensional Research in Biological Sciences organized by Research department of Venture Institute of Biotechnological Research, Madurai

2016

- Science Academies Lecture Workshop on **Recent Trends in Biological Sciences**, The American college, Madurai
- **International Conference on Food mediated Immunity** organized by PG & Research Department of Zoology, The American College, Madurai
- 5th State level seminar on **Current Perspectives of Enzymology** organized by Venture Institute of Biotechnology and Bioinformatics Research, Madurai

2017 - Science Academies Lecture Workshop on “Introduction to Modern Biology”, The American college, Madurai

- **Coordinator** - International conference on **“Emerging trends in multidisciplinary research”** organised by The American College and Roots International Journal of Multidisciplinary researches, Madurai on 27-30 December, 2017

2018

- - **Segment Coordinator of the New Radio Serial on “Global warming and Climate change”** Vigyan Prasar and Prasar Bharati of New Delhi broadcast through AIR, Madurai
- **Evaluator** in District level **26th National Children’s Science Congress - 2018 (A programme of NCSTC, Govt of India, New Delhi)** coordinated by Tamilnadu Science Forum

2019

- **Organising secretary, National Conference on Westernghats: Threats and conservation** organized by PG & Research Dept.of Zoology, The American college, Madurai
- **Organising secretary, National Conference on Coral reefs: Threats and conservation** organized by PG & Research Dept. of Zoology, The American college, Madurai
- National conference on **Emerging Trends in Entomology (ETIE-2019)** organised by PG & Research Dept of Zoology American college, Madurai
- **Organising secretary, National Conference on Wildlife: Threats and conservation** organized by PG & Research Dept.of Zoology, The American college, Madurai

2020

- National conference on **Recent Trends in Biological Sciences**, organized by PG & Research dept of zoology, The American college, Madurai

BOS MEMBER

- VHNSN College, HKRH College, Sri Meenakshi college for women, Yadava college
Chairman in B.Sc Microbiology Board Periyar University

External Examiner Madurai Kamaraj University, Mother Teresa University, Alagappa university, Pondicherry University, MS University, Periyar University

Madura College, Thiagarajar College, ANJAC College, Vivekanandha College, Yadava College for men, Yadava College for women, Meenakshi College, G.R.D.College, AV College, Sri Krishna college of arts and science, Sourashtra college, VVV College, NMS.S.Vellaichamy Nadar college, Sri Vidhya Mandir arts and science College

No. of Students Guided/Guiding

M.Sc : 29 from MS, Annamalai & Madurai Kamaraj University

M.Phil : 6 from MS, Annamalai and Bharathidasan University

My Blog - Through lifesciencejob.blogspot.in - job information – Life science students