



Ramaswamy Babu Rajendran

Professor

Contact

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Academic Qualifications: M.Sc., B.ED., M.Phil., P.G. Diploma, Ph.D.

Teaching Experience: 17 Years

Research Experience: 26 Years

Additional Administrative Responsibilities

1. 23.12.2020 - till date **Member of Syndicate**
2. 07.01.2021 - 03.06.2023 **Member Executive Committee** of Business Development Centre
3. 02.04.2018 - 05.05.2021 **Director of Projects**
4. 2018 - till date **Member, Board of Governors of RUSA**
5. 17.11.2016 - 13.12.2017 **Registrar i/c**
6. 17.11.2016 - 13.12.2017 **Warden** for the Students' / Research Scholars' hostels

7. 17.11.2016 - 29.3.2017 **Finance Officer** i/c
8. 25.07.2016 - 6.3.2017 **Director** i/c, Centre for Distance Education (CDE)
9. 1.7.2016 - 30.6.2019 **Chair, School of Environmental Sciences**
10. 2016 - 2021 **Coordinator, UGC-SAP-DRS1(Rs.99,00,000)**
11. 2016-2021 **Coordinator, DST-FIST (2nd term) (Rs.66,00,000)**
12. Since July 1st, 2016 **Nodal Officer, Online Student's Grievance Redressal Cell.**
13. Since 2015 – 23.3.2021 **Local Coordinator - MHRD's GIAN**
14. 22.1.2015 – 30.6.2019 **Member of Senate**
15. 22.1.2015 – 30.6.2019 **Head, Department of Environmental Biotechnology**
16. 15.12.2014 - 25.7.2016 **Director** i/c, Council for College and Curriculum Development

Areas of Research

Environmental Toxicology and Toxicogenomics

Research Supervision / Guidance

Research	Program of Study	Completed	Ongoing
	Ph.D.	11	6
	M.Phil.	11	0
	PG	22	0
	Post Doc.	4	1

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books Chapters
68	45	6	53	7

Cumulative Impact Factor (as per JCR) : 118.01
h-index : 29
i10 index : 48
Total Citations-Google (as on Sep. 2021) : 3106

Funded Research Projects

Completed

S. No	Agency	Period		Project Title	Budget (Rs. In Lakhs)
		From	To		
1	UNU Japan Phase-IV	2005	2008	Environmental Monitoring and Governance of POPs in the Asian Coastal Hydrosphere	859213/-
2	UNU Japan Phase-V	2009	2012	Monitoring and Assessment Network for Asian Governance of Environment (MANAGE)	625433/-
3	UGC New Delhi	2009	2012	Endocrine Disruptors: Pesticides, PCBs and PAHs in Atmospheric Environment in Tamilnadu, India	869300/-
4	UNU Japan Phase-VI	2013	2016	Environmental Monitoring and Governance of POPs in the Asian Coastal Hydrosphere	495544/-
5	UGC New Delhi	2015	2018	Environmental Fate and Ecotoxicological Risk Assessment of Plasticizers in the Rivers of Tamilnadu, India	1535000/-
6	UNU Japan Phase-VII	2016	2019	Monitoring and Management of POPs in Asia – Monitoring of Perfluorinated Chemicals (PFCs) in water, sediment and biota of the Asian region	468711/-

Ongoing

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	DBT New Delhi	2017	2021	Monitoring and assessment of rivers for emerging pollutants and phycoremediation	3650000/-

Patent

- Optimization Method for the Preparation of Silica and Titania Nanoparticles and its Bioactivities** (J. Jayapriya, R. Babu Rajendran and D. Umasaravanan; Government of India Patent No. 310260)

Distinctive Achievements / Awards

1. **Tamil Nadu Senior Scientist Award 2017 (*Environmental Sciences*)**, Science City, Department of Higher Education, Tamil Nadu Government on Feb. 19, 2019.
2. **Tamil Nadu Scientist Award 2008 (TANSA)** - Tamil Nadu State Council for Science and Technology (TNSCST), Chennai, **INDIA** for **Environmental Sciences** on August 24, 2010.
3. **Hiyoshi Environmental Award 2007** - Hiyoshi Corporation, Omihachiman, **JAPAN** on September 6, 2008.
4. **Environmental Management Award 2006** - Department of Environment and Forests, Government of Tamil Nadu, Chennai, **INDIA** on June 5, 2007

Events Organized

Number of Seminars / Conferences / Workshops / Events organized: **10**

1. Jan. 21st – 24th, 2020, 7th National level Industry & Academia Seminar cum Training Workshop on Mass Spectrometry **Human and Environmental Risk Identification of Organic Synthetic Micropollutants** (HEROISM-2020) at Bharathidasan University, Tiruchirappalli, **India**.
2. Nov. 21st - 22nd, 2019 NAAC sponsored Seminar on **Best Practices Blossom as Bench Marks** at Bharathidasan University, Tiruchirappalli, **India** (Grant Rs.100000).
3. Feb.9th- 12th, 2015 - **Contaminants Analysis and Their Environmental Risk Assessment (CATER'15)** at Bharathidasan University, Tiruchirappalli, **India**.
4. Feb.1st-4th, 2013 - **Emerging Pollutants' Identification and Monitoring for Ecotoxicological Risk Studies (EPIMERS'13)** at Bharathidasan University, Tiruchirappalli, **India**(Grant-Rs. 2,36,000).
5. Oct. 28th – 31st, 2011 - **Monitoring and Evaluation of Recalcitrant Chemicals in the Environment** (MERE'11) Bharathidasan University, Tiruchirappalli, **India** (Grant-Rs. 1,91,000).
6. Aug. 27th – 30th, 2009 - **Training Workshop On Environmental Pollutants and It's Control Studies** (TWO EPICS'' 09) at Bharathidasan University, Tiruchirappalli, **India** (Grant-Rs. 1,94,000).
7. Sep. 24th-26th, 2008 - **Environmental Trace Analysis of Pesticides and Pharmaceuticals** (ENTRAPP'' 08) at Bharathidasan University, Tiruchirappalli, **India** (Grant-Rs. 74,000).
8. Jan. 22nd-26th, 2008 - **Training Workshop on Gas Chromatography Mass Spectrometry in Environmental Analysis** (TWO GAME'' 08) at Bharathidasan University, Tiruchirappalli, **India** (Grant-Rs. 1,13,000).
9. Mar. 5th-6th, 2012 Science Academies'' Lecture Workshop on **Challenges in Environmental Restoration** at Bharathidasan University, Tiruchirappalli, **India**.

10. Jan. 22, 2010 **United Nations University (UNU) Research Project Management Meeting and International Symposium on Trace Organic Pollutants in the Environment (ISOTOPE'10)** at SRM Hotel, Tiruchirappalli, India on January 23, 2010 (Rs.12,25,142).

Events Participated

Conferences / Seminars / Workshops

1. Presented an Invited talk on “Perfluorinated Compounds (PFCs) in Indian Environment” in the International Conference on Water: From Pollution to Purification (ICW-2020) December 12-14, 2020 (ONLINE) Organised by School of Environmental Sciences, Mahatma Gandhi University, Kottayam, Kerala, India.
2. Presented a plenary lecture on “Emerging Microchemical Contaminants in Water and Wastewater” in the First International Conference on Sustainable Development in Energy and Environment at Kamaraj College of Engineering & Technology, **India** (July 18-20, 2019).
3. Presented both oral and poster presentation on “Perfluorinated Chemicals (PFCs) in water, sediment and biota from Indian environment” in the 27th Symposium on Environmental Chemistry at Okinawa, **Japan** (May 22-24, 2018).
4. Presented papers entitled “Distribution of Synthetic Musks and Benzotriazole UV Stabilizers in Organisms from South Indian Coastal Region” and “Detection of metal induced cytopathological alterations and DNA damage in *Pernaviridis* from Ennore estuary, Chennai” in PRIMO19 at Matsuyama, **Japan** (June 30 - July 3, 2017).
5. Presented a paper on “Perfluorinated compounds (PFCs) in Indian rivers and human health risk assessment” at PACCON 2017, Bangkok, **Thailand** (February 2-3, 2017).
6. Invited talk on `Micropollutants (triclocarban and Benzotriazole UV Stabilizers) in sediments from south Indian Rivers` at the International Session of the 24th Symposium on Environmental Chemistry of the Japan Society for Environmental Chemistry at Sapporo, **Japan** (June 24-26, 2015).
7. Presented a paper on “Emerging Chemicals in Aquatic Ecosystems of India: Analytical and Risk Evaluation” in International Conference of Asian Environmental Chemistry 2014 (November 24-25, 2014) at Bangkok, **Thailand**.
8. Invited talk on “Environmental Mass Spectrometry for Monitoring Emerging contaminants” in the First International Conference on Frontiers of Mass Spectrometry, at Mahatma Gandhi University, Kottayam, Kerala, **India** (September 6-9, 2013).
9. Invited talk on `GC-MS Determination of Pharmaceuticals and Personal Care Products (PPCPs) and Phenolic Compounds, and their Ecotoxicological Risk Assessment` at the International Session of the 22nd Symposium on Environmental Chemistry of the Japan Society for Environmental Chemistry at Tokyo University of Agriculture and Technology, Tokyo, **Japan** (July 31 – August 2, 2013).
10. Chaired the International Session of the 22nd Symposium on Environmental Chemistry of the Japan Society for Environmental Chemistry at Tokyo University of Agriculture and Technology, Tokyo, **Japan** on July 31, 2013).

11. Invited lecture on `Pharmaceuticals and Personal Care Products (PPCPs) in Indian Rivers: Occurrence and Risks on the Aquatic Ecosystem` on June 27, 2013 at the 2013 International Symposium and Annual Meeting of the Korean Society for Applied Biological Chemistry held in Busan, **South Korea** (June 27-29, 2013).
12. Presented a paper on “Monitoring of Pesticides, PCBs and PBDEs in India” in SETAC Asia/Pacific 2012 Conference (September 24-27, 2012) at Kumamoto, **Japan**
13. UNU-ISP International Symposium on “Past 10 Years and Future of Stockholm Convention on POPs” (October 25, 2011) at United Nations University, Tokyo, **Japan**.
14. Presented a paper “Determination of Non-steroidal anti-inflammatory drugs and phenolic compounds in surface waters from the rivers of India using Gas chromatography with Mass spectrometry” in 13th International Symposium on Advances in Extraction Technologies 2011 (ExTech 2011) (September 27-29, 2011) at Putra World Trade Centre, Kuala Lumpur, **Malaysia**.
15. Presented a paper “Emerging contaminants in the aquatic ecosystems in India” in UNU International Symposium on Existing and Emerging Chemicals in the Environment (March 8-9, 2011) at Shanghai, **China**.
16. Presented a paper “Occurrence of Triclosan, Triclocarban and Parabens in fish from Manila Bay, the Philippines” in SETAC North America 31st Annual Meeting (November 7-11, 2010) at Portland, Oregon, **USA**.
17. Presented a paper “Occurrence of Benzotriazole based UV stabilizers in fishes from Manila Bay, the Philippines” in SETAC North America 31st Annual Meeting (November 7-11, 2010) at Portland, Oregon, **USA**.
18. Presented a paper “Determination of antimicrobial and preservative compounds in fish from Manila Bay, the Philippines by UFLC-MS-MS” at the International Symposium on Modeling and Analysis of Marine Environmental Problems-MAMEP 2010 (September 22-23, 2010) at Ehime University, Matsuyama, **Japan**.
19. Presented a paper “Contamination by organophosphorus flame retardant compounds in fishes from Manila Bay, the Philippines” at the International Symposium on Modeling and Analysis of Marine Environmental Problems-MAMEP 2010 (September 22-23, 2010) at Ehime University, Matsuyama, **Japan**.
20. Presented a paper “Determination of Parabens in the Rivers of Tamilnadu, South India using GC-MS” at International Symposium on Environmental Pollution, Ecology and Human Health (July 25-27, 2009) at Sri Venkateshwara University, Tirupati, **India**.
21. UNU International Conference “The Role of Academia and the Private Sector for the Stockholm Convention” (Nov. 14, 2008) at United Nations University, Tokyo, **Japan**.
22. Presented a paper “Emerging Persistent pollutants from the Coastal and Riverine Environments in India” at Interdisciplinary Symposium on Environmental Sciences to Establish an Asian Network of Environmental Researchers (Nov. 11-13, 2008), Centre for Marine Environmental Studies (CMES), Ehime University, Matsuyama, **Japan**.

23. International Symposium on “POPs Global Transport, Best Environmental Practice, and Risk Perception” (Nov.13-15, 2007) at Hotel Sari Pan Pacific, Jakarta, **Indonesia**.
24. Presented a paper “POPs in Indian Environment” at UNU/GIST sponsored workshop on “Geochemical and Biotechnological Approaches for Sound Management of Hazardous Chemicals” (Oct.31 – Nov. 2, 2006) at Damyang, **South Korea**.
25. International Symposium on “POPs in Asia: Its Status and Future” (Nov. 7, 2006) at the University of Philippines, Quezon, **Philippines**.
26. Presented a paper “Organotins in Indian coastal Environment” at IMO sponsored “Regional Workshop on measures to collect, handle, treat and dispose of waste generated in applying the Anti-Fouling System Convention” (October 3-6, 2005) at NIOT, Chennai, **India**.
27. Presented a paper “Monitoring of persistent toxic substances using different analytical approaches” at UNU International Symposium on Ecosystem Impacts of POPs (April 26- 27, 2005) at Miracle Grand Convention Hotel, Bangkok, **Thailand**.
28. Presented a paper “Occurrence and fate of organotin antifoulants in marine environment Of Japan” at 1st International Symposium on Environmental Behaviour and Ecological Impacts of Persistent Toxic Substances (March 18-19, 2004) at Ehime University, **Japan**.
29. Presented a paper “Occurrence of organotin compounds in seawaters around Japan and East China Sea” at the International Symposium on Anti-foulant and Marine Environment (InSAfE) (January 27 – 30, 2004) at Tokyo, **Japan**.
30. Presented a paper “Endocrine disrupting compounds (Butyl- and phenyltins) in pearl culture areas of Uwakai Sea, Japan” at 6th International Marine Biotechnology Conference (September 21-27, 2003) at Chiba, **Japan**.
31. Presented a paper “Estrogenic compounds in aquatic environment” at National Workshop on Environment (Envocare 2003) (March 16, 2003) at College of Technology, (Anna University), Coimbatore, **India**.
32. Presented a paper “Concentrations of PCBs, HCHs, DDTs and organotins in Indian marine environment” at 11th annual meeting of SETAC Europe (May 6-10, 2001), Madrid, **Spain**.
33. Presented a paper “Marine Pollution by Organotins in Japanese coastal and offshore waters” at International Workshop on Marine Pollution by Persistent Organic Pollutants (POPs) (February 26-27, 2001) at National Institute for Environmental Studies, Tsukuba **Japan**.
34. “GC-ICP-MS and LC-ICP-MS for elemental speciation” at 2000 International Chemical Congress of Pacific Basin Societies (December 14-19, 2000) at Honolulu, **Hawaii, USA**.
35. 9th Symposium on Environmental Chemistry (June 20-22, 2000) at Hokkaido University, Sapparo, **Japan**.

36. ECOHAZARD" 99 3rd IAWQ specialized conference on Hazard Assessment and Control of Environmental Contaminants (December 5-8, 1999) at Research Centre for Environmental Quality Control, Kyoto University, Otsu City, **Japan**.
37. "Determination of ultra-trace organotins in seawater by GC-ICP-MS" at CITAC " 99 Japan Symposium on Practical Realization of Metrology in Chemistry for the 21st Century (November 9-11, 1999) at Tsukuba International Congress Center, Tsukuba, **Japan**.
38. Presented a paper "Investigation of the drinking water quality in coastal rural villages of Nagai Quaid-e-Milleth district, Tamil Nadu, India" at International Conference on Management of Drinking Water Resources (December 3-5, 1997) at Central Leather Research Institute, Chennai, **India**.
39. 3rd International Conference on Reservoir Limnology and Water Quality (August 11-15, 1997) at the University of South Bohemia, Ceske Budejovice, **Czech Republic**.
40. The Fourth Indian Fisheries Forum (November 24-28, 1996) at Cochin University of Science and Technology, Cochin, **India**.
41. National Conference on Health and Development (March 29-30, 1996) at Annamalai University, Annamalai Nagar, **India**.
42. National Symposium on Integrated Coastal Zone Management (February 25-26, 1996) at Berhampur University, Berhampur, **India**.
43. National Symposium on Electrochemistry in Marine Environment (February 7-8, 1995) at CECRI, Madras, **India**.
44. International Conference on Environmental Toxicology in South East Asia (August 3-5, 1992) at Kristen Sataya Wacana University, Salatiga, **Indonesia**.
45. 10th National Symposium of Life Sciences (September 26-28, 1991) at University of Mysore, Mysore, **India**.

Other Training Programs - International

1. **Shastri Fellowship (Mobility Programme) of Shastri Indo-Canadian Institute** (May 21 – June 13, 2019) at Cape Breton University, Sydney, Nova Scotia, **Canada**.
2. **Leadership for Academicians Programme (LEAP)** (18-23 February 2019) at Nanyang Technical University (NTU), **Singapore**.
3. **Training Course on Analytical Method for Perfluorochemicals (PFCs)** at Shimadzu Asia Pacific Pte. Ltd. (**Singapore** – October 8-12, 2018).
4. **Annual Project Meeting** of UNU IAS-Shimadzu Project (May 23, 2018) at Hotel Southern Plaza Kaiho, Okinawa, **Japan**.
5. **Annual Project Meeting** of UNU IAS-Shimadzu Project (February 4, 2017) at, Bangkok, **Thailand**.

6. **PFCs analysis training** at Shimadzu Asia Pacific Pte. Ltd. (**Singapore** – January 2017).
7. **24th Symposium on Environmental Chemistry** of the Japan Society for Environmental Chemistry at Sapporo, **Japan** (June 24 – 26, 2015).
8. **International conference** of Asian Environmental Chemistry 2014 (ICAEC2014) (November 24-25, 2014) at CRI, Bangkok, **Thailand**.
9. **Annual Project Meeting** of UNU IAS-Shimadzu Project (November 26, 2014) at CRI, Bangkok, **Thailand**.
10. **22nd Symposium on Environmental Chemistry** of the Japan Society for Environmental Chemistry at Tokyo University of Agriculture and Technology, Tokyo, **Japan** (July 31 – August 2, 2013).
11. **International Symposium and Annual Meeting** of the Korean Society for Applied Biological Chemistry held in Busan, **South Korea** (June 27-29, 2013).
12. **Annual Project Meeting** for Phase VI of UNU ISP-Shimadzu Project (September 29-30, 2012) at United Nations University, Tokyo, **Japan**.
13. **SETAC Asia/Pacific 2012 Conference** (September 24-27, 2012) at Kumamoto, **Japan**.
14. **Project Management Meeting** of UNU Project on “Environmental Monitoring and Governance in the Asian Coastal Hydrosphere” (October 24, 2011) at United Nations University, Tokyo, **Japan**.
15. **SETAC North America 31st Annual Meeting** (November 7-11, 2010) at Portland, Oregon, **USA**.
16. **Project Management Meeting** of UNU Project on “Monitoring and Assessment Network for Asian Governance of Environment (MANAGE)” (March 8, 2011) at Shanghai, **China**.
17. **Participated** in the “International Symposium on Environmental Specimen Bank” (December 3-5, 2009) at Ehime University, Matsuyama, **Japan**.
18. **Project Management Meeting** of UNU Project on “Environmental Monitoring and Governance in the Asian Coastal Hydrosphere” (November 13, 2008) at United Nations University, Tokyo, **Japan**.
19. **Presented an invited talk** on “POPs status in India” at the International Workshop on Monitoring Atmospheric POPs and Eolian Dust in Asia organized by the Chinese Academy of Sciences during March 1st - 4th 2008 at Guangzhou, **China**.
20. **Project Management Meeting** of UNU Project on “Environmental Monitoring and Governance in the Asian Coastal Hydrosphere” (November 13 - 15, 2007) at Hotel Sari Pan Pacific, Jakarta, **Indonesia**.
21. **Attended** the United Nations University’s (UNU) “International Training on POPs Analysis in Fish samples” (February 27-March 1, 2007) at Shimadzu Corporation, Hadano, **Japan**.

22. **Project Management Meeting** of UNU Project on “Environmental Monitoring and Governance in the Asian Coastal Hydrosphere” (November 6 - 8, 2006) at the University of Philippines, Quezon, **Philippines**.
23. **Attended** the 4th UNU & GIST Joint Workshop on “Geochemical and Biotechnological Approaches for Sound Management of Hazardous Chemicals” (October 31 – November 2, 2006) at Damyang, **South Korea**.
24. **Attended** the United Nations University’s (UNU) “International Training on POPs Analysis in Aqua-organisms” (January 24-28, 2006) at Shimadzu Corporation, Hadano, **Japan**.
25. **Project Management Meeting** of “UNU Project on Environmental Monitoring and Governance in the East Asian Hydrosphere” (April 25, 2005) at Miracle Grand Convention Hotel, Bangkok, **Thailand**.
26. **Training course** on “Integrated Management of Reservoirs in Tropical and Temperate Region - Ecotechnologies and Fishery” (August 16 - 23, 1997) at the University of South Bohemia, Ceske Budejovice, **Czech Republic**.
27. **Course on** “Coastal Pollution, its Effects and Diagnosis in Natural Communities” (March 17-28, 1997) at the Centre for Tropical Marine Ecology (ZMT), Bremen, **Germany**.

National

1. **Dissemination & Orientation Programme of Shastri Indo-Canadian Institute** at India Habitat Centre, New Delhi during 29th – 30th March, 2019.
2. **Leadership for Academicians Programme (LEAP)** (4-17 February 2019) at NIT Tiruchirappalli and IIIT Sri City, **India**.
3. **Project Management Meeting** of UNU Project on “Monitoring and Assessment Network for Asian Governance of Environment (MANAGE)” (January 22, 2010) at SRM Hotel, Tiruchirappalli, **India**.
4. **Presented a special talk** on “Organotins in the Asia-Pacific Seas” in the Workshop on ‘**Antifouling Paints Effects on Fisheries (WAPEF 2007)**’ sponsored by the European Commission Project on “Assessment of Impacts of Tributyltin on Multiple Coastal Uses” (September 26th- 27th, 2007) at NIOT, Chennai, **India**.
5. **IMO sponsored** “Regional Workshop on measures to collect, handle, treat and dispose of waste generated in applying the AntiFouling System Convention” (October 3-6, 2005) at NIOT, Chennai, **India**.
6. **Workshop** on “Status of Pollution of Heavy Metals and Persistent Toxic Substances in India” (April 6, 2005) at Annamalai University, Annamalai Nagar, **India**.
7. **Refresher course** on “Biotechnology and Engineering” (November 11-30, 2002) at Jawaharlal Nehru Technological University, Hyderabad, **India**.
8. **IOC-UNESCO sponsored training program** on “Modeling and Monitoring of Coastal Marine Pollution (MAMCOMP)” (November 21 - December 16, 1994) at Centre of Atmospheric Sciences, Indian Institute of Technology, Delhi and National Institute of Oceanography, Goa, **India**.

9. **Training workshop** on “The Kaveri river (water quality assessment: biological)” (September 10-14, 1989) at Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai, **India**.
10. **Training workshop** on “The Kaveri River (water quality assessment: physico-chemical and bacteriological)” (August 28 - September 8, 1989) at Centre for Environmental Studies, Anna University, Madras, **India**.

Overseas Exposure / Visits

1. **LaMer** Fellowship of Ehime University, Japan for research discussion at CMES, Ehime University, Matsuyama, **Japan** (September 21-29, 2019).
2. **Dioxin 2019 Conference at Kyoto, Japan** (August 25-27, 2019).
3. **Shastri Fellowship (Mobility Programme) of Shastri Indo-Canadian Institute** (May 21 – June 13, 2019) at Cape Breton University, Sydney, Nova Scotia, **Canada**.
4. **Leadership for Academicians Programme (LEAP)** (18-23 February 2019) at Nanyang Technical University (NTU), **Singapore**.
5. **Training Course on Analytical Method for Perfluorochemicals (PFCs)** at Shimadzu Asia Pacific Pte. Ltd. (**Singapore** – October 8-12, 2018).
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13. Chaired the International Session of the 22nd Symposium on Environmental Chemistry of the Japan Society for Environmental Chemistry at Tokyo University of Agriculture and Technology, Tokyo, **Japan** on July 31, 2013).
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26. International Symposium on “POPs Global Transport, Best Environmental Practice, and Risk Perception” (Nov.13-15, 2007) at Hotel Sari Pan Pacific, Jakarta, **Indonesia**.
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32. Presented a paper “Occurrence of organotin compounds in seawaters around Japan and East China Sea” at the International Symposium on Anti-foulant and Marine Environment (InSAfE) (January 27 – 30, 2004) at Tokyo, **Japan**.
33. Presented a paper “Endocrine disrupting compounds (Butyl- and phenyltins) in pearl culture areas of Uwakai Sea, Japan” at 6th International Marine Biotechnology Conference (September 21-27, 2003) at Chiba, **Japan**.
34. Presented a paper “Estrogenic compounds in aquatic environment” at National Workshop on Environment (Envocare 2003) (March 16, 2003) at College of Technology, (Anna University), Coimbatore, **India**.
35. Presented a paper “Concentrations of PCBs, HCHs, DDTs and organotins in Indian marine environment” at 11th annual meeting of SETAC Europe (May 6-10, 2001), Madrid, **Spain**.
36. Presented a paper “Marine Pollution by Organotins in Japanese coastal and offshore waters” at International Workshop on Marine Pollution by Persistent Organic Pollutants (POPs) (February 26-27, 2001) at National Institute for Environmental Studies, Tsukuba **Japan**.
37. “GC-ICP-MS and LC-ICP-MS for elemental speciation” at 2000 International Chemical Congress of Pacific Basin Societies (December 14-19, 2000) at Honolulu, **Hawaii, USA**.
38. 9th Symposium on Environmental Chemistry (June 20-22, 2000) at Hokkaido University, Sapporo, **Japan**.
39. ECOHAZARD’ 99 3rd IAWQ specialized conference on Hazard Assessment and Control of Environmental Contaminants (December 5-8, 1999) at Research Centre for Environmental Quality Control, Kyoto University, Otsu City, **Japan**.
40. “Determination of ultra-trace organotins in seawater by GC-ICP-MS” at CITAC “ 99 Japan Symposium on Practical Realization of Metrology in Chemistry for the 21st Century (November 9-11, 1999) at Tsukuba International Congress Center, Tsukuba, **Japan**.
41. Presented a paper “Investigation of the drinking water quality in coastal rural villages of Nagai Quaid-e-Milleth district, Tamil Nadu, India” at International Conference on Management of Drinking Water Resources (December 3-5, 1997) at Central Leather Research Institute, Chennai, **India**.
42. 3rd International Conference on Reservoir Limnology and Water Quality (August 11-15, 1997) at the University of South Bohemia, Ceske Budejovice, **Czech Republic**.
43. The Fourth Indian Fisheries Forum (November 24-28, 1996) at Cochin University of Science and Technology, Cochin, **India**.
44. National Conference on Health and Development (March 29-30, 1996) at Annamalai University, Annamalai Nagar, **India**.
45. National Symposium on Integrated Coastal Zone Management (February 25-26, 1996) at Berhampur University, Berhampur, **India**.
46. National Symposium on Electrochemistry in Marine Environment (February 7-8, 1995) at CECRI, Madras, **India**.
47. International Conference on Environmental Toxicology in South East Asia (August 3-5, 1992) at Kristen Sataya Wacana University, Salatiga, **Indonesia**.
48. 10th National Symposium of Life Sciences (September 26-28, 1991) at University of Mysore, Mysore, **India**.

Membership in Professional Bodies

1. Member, Society of Environmental Toxicology and Chemistry (**SETAC**) (2001 & 2011).
2. Member, **Japan Society for Environmental Chemistry** (1999 -2000).
3. Life Member (LM 452), **Environmental Mutagen Society of India** (No.BOM/270/75).

4. Member, **Institutional Biosafety Committee**, Bharathidasan University, Tiruchirappalli.
5. Member, **Commission for course** (B.Sc/M.Sc Biotechnology) approval in affiliated colleges of Bharathidasan University, Tiruchirappalli, India.
6. **Examination Flying Squad**, Bharathidasan University.
7. Member, **Ph.D. committee** (Microbiology), Periyar University, Salem, India.
8. Member, **Ph.D. committee** (Zoology), Karpagam University, Coimbatore, India.
9. Member, **Ph.D. committee** (Biotechnology & Environmental Science, Management), SRM University, Chennai, India.
10. Member, **Ph.D. committee** (Chemical Engineering), Anna University, Chennai, India.
11. Member, **Ph.D. committee** (Biotechnology & Nano Science), Anna University, BIT Campus, Tiruchirappalli, India.
12. Member, **Ph.D. committee** (Zoology), Alagappa University, Karaikudi, India.
13. Member, **Ph.D. committee** (Zoology), Bharathiyar University, Coimbatore, India.
14. Member, **Evaluation committee for the promotion of Assistant Professors** in Biotechnology, Periyar University, Selam, India (19.12.2013).
15. Member, SCAA (**Standing Committee on Academic Affairs**), Bharathidasan University, Tiruchirappalli, India (1.4.2015 – 31.6.2021).
16. **Member Governing Council**, Periyar EVR College, Tiruchirappalli.
17. Coordinator, **Refresher course in Environmental Sciences** (28.2.2015-20.3.2015).
18. Member, **Executive Committee of IECD**, Bharathidasan University (16.7.2015 - 15.7.2018).
19. Member, **Purchase Committee(Hostel)** Bharathidasan University (2015).
20. **Special Invitee for IQAC Meeting**, Bharathidasan University (14.8.2015).
21. Member **Academic Council of Autonomous colleges** of Bharathidasan University.
22. **University Representative**, College Committee of Kurinji College of Arts and Science, Tiruchirappalli (03.09.2015-02.09.2018).
23. Member, **Principal Selection Committee**, Urumu Dhanalakshimi College, Tiruchirappalli (2016).
24. Member, **Selection Committee for Assistant Professor in Environmental Management** (XII Plan), Bharathidasan University, Tiruchirappalli (27.07.2016).
25. Member, **Selection Committee for Assistant Professor in Mathematics**, Seethalakshmi Ramaswami College, Tiruchirappalli (22.08.2016).
26. Member, **Selection Committee for Assistant Professors and Professor in Environmental Science**, Bharathiar University, Coimbatore (26 & 27.11.2016).

27. Member, **Selection Committee for Assistant Professor and Associate Professor in Animal Science**, Manonmaniam Sundaranar University, Tirunelveli (21.10.2016).
28. Member, **Selection Committee for Assistant Professor and Associate Professor in Environmental Science**, Manonmaniam Sundaranar University, Tirunelveli (04.11.2016).
29. Member, **CAS Committee for Associate Professor to Professor in Human Genetics and Molecular Biology and Zoology**, Bharathiar University, Coimbatore (09.11.2018).
30. **Member Autonomous Committee**, Dhanalakshimi Srinivasan College of Arts and Science for Women, Perambalur (July 30-31, 2017).
31. **UGC Nominee** on the Governing body of the G.T.N. Arts College, Dindigul, Tamilnadu for Six years (since 2017).
32. Member of **the panel for Paper setting** for „Environmental Sciences' of Andhra Pradesh State Eligibility Test (APSET)- 2016 and 2018.
33. Member of the **committee constituted by TNPCB**, Chennai to evolve the guidelines for Mor Milagai units in Dindigul district (2017).
34. **Subject Expert** as a Member of Inspection Commission for B.Sc. Biotechnology course affiliation to Sri Kailash Womens College of Periyar University, Selam (12.6.2018).
35. **University Representative**, College Committee of Sudharsan College of Arts & Science, Pudukkottai-622104 (03.09.2018-02.09.2021).
36. **Subject Expert** as a Member of Inspection Commission for M.Sc. Environmental Science course affiliation to Dr. Umayal Ramanathan College for Women, Karaikudi of Alagappa University, Karaikudi (4.9.2018).
37. **University Representative**, Governing Body of St. Joseph's College (Autonomous), Tiruchirappalli- 620002 (04.01.2019 – 03.01.2022).
38. **Vice Chancellor's Nominee** of the Selection Committee for promoting faculty members under the UGC-Career Advancement Scheme at Bharathidasan University on 12th April 2019.
39. **University Representative, Board of Studies in Biotechnology & Microbiology** of National College (Autonomous), Tiruchirappalli (25.04.2019 – 24.04.2022).

Academic Bodies (Board of Studies etc.,)

1. Member, **Board of Studies in Biotechnology and Gene Technology**, Bharathidasan University, Tiruchirappalli, India (2006 - 2009).
2. Member, **Board of Studies in Biotechnology** (B.Sc. & M.Sc.), Thiruvalluvar University, Vellore, India (2007 - 2010).
3. Member, **Board of Studies in Marine Biology**, Annamalai University, Annamalai Nagar, India (2007 - 2010).
4. Member, **Board of Studies in Biotechnology**, Jamal Mohamed College (Autonomous), Tiruchirappalli, India (2008 - 2010).

5. Member, **Board of Studies in Zoology**, S.R. Naidu Memorial College (Autonomous), Sattur, affiliated to Madurai Kamaraj University, India(2010 -2012).
6. Member, **Board of Studies in Biotechnology** (B.Sc. & M.Sc.), Thiruvalluvar University, Vellore, India (16.4.2010 – 15.4.2013).
7. Member, **Board of Studies in Environmental Science**, Bharathidasan University, Tiruchirappalli, India (2013 - 2015).
8. Member, **Board of Studies in Environmental Science**, Tamil University, Thanjavur, India (23.11.2018 - 22.11.2021).
9. Chairman, **Board of Studies in Environmental Science**, Bharathidasan University, Tiruchirappalli, India (1.4.2015 –30.6.2018).
10. Member, **Board of Studies in Environmental Science**, Bharathiar University, Coimbatore, India (1.1.2018 – 31.12.2020).
11. Chairman, **Board of Studies in Environmental Science**, Bharathidasan University, Tiruchirappalli, India (1.7.2018 – 31.6.2021).
12. Member, **Board of Studies in Environmental Science** (M.Sc. & M.Phil.), Periyar University, Selam, India (2018 – 2021).

Resource Person in Academic Events

1. As a **Resource Person** delivered a talk on “Mass Spectrometry for Advanced Research” in Life Science Refresher Programme at HRDC, Bharathidasan University, Tiruchirappalli, India on September 15, 2021.
2. As a **Resource Person** delivered a talk on “Environmental Issues and Concerns” in Faculty Induction Programme – Batch V at HRDC, Bharathidasan University, Tiruchirappalli, India on September 9, 2021.
3. As a **Resource Person** delivered a talk on “Environmental Health Issues” in Faculty Induction Programme at National College, Tiruchirappalli, India on September 8, 2021.
4. As a **Resource Person** delivered a talk on “Environmental Issues and Concerns” in Faculty Induction Programme – Batch VI at HRDC, Bharathidasan University, Tiruchirappalli, India on September 7, 2021.
5. As a **Resource Person** delivered a talk on “Mass Spectrometry Instrumentation and Applications” for Bio-Sciences Refresher Course at HRDC, Bharathidasan University, Tiruchirappalli, India on December 23, 2020.
6. As a **Resource Person** delivered a talk on “Environmental Issues and Concerns” in Faculty Induction Programme – Batch III at HRDC, University of Madras, Chennai, India on December 19, 2020.
7. As a **Resource Person** delivered a talk on “Mass Spectrometry for Biological and Environmental Research” for Bio-Sciences Refresher Course at HRDC, Bharathidasan University, Tiruchirappalli, India on December 11, 2020.
8. As a **Resource Person** delivered a talk on “Environmental Issues and Concerns” in Faculty Induction Programme – Batch I at HRDC, University of Madras, Chennai, India on November 29, 2020.

9. As a **Resource Person** delivered a talk on “Environmental Issues and Concerns” in Second Faculty Induction Programme at HRDC, Bharathidasan University, Tiruchirappalli, India on November 23, 2020.
10. As a **Resource Person** delivered a talk on “Environmental Issues and Concerns” in First Faculty Induction Programme at HRDC, Bharathidasan University, Tiruchirappalli, India on November 20, 2020.
11. **Invited Presentation** on the “Burden of Chemicals of Emerging Concern (CEC) and Environmental Challenges’ at a National Webinar+ on “*Covid and Challenges to Environmental Management in Industrial and Urban areas*”, during August 27-28, 2020 organized by the Andhra University Department of Environmental Sciences.
12. As a **Resource Person** delivered a talk on “Environmental Pollution, Climate Change and Management” for 140th Orientation Programme at HRDC, University of Madras, Chennai, India on February 14, 2020.
13. As a **Resource Person** delivered a talk on “Environmental Pollution and Management” for 139th Orientation Programme at HRDC, University of Madras, Chennai, India on November 28, 2019.
14. As a **Resource Person** delivered a talk on “Environmental Contaminants and Management” for Orientation Programme at HRDC, Bharathidasan University, Tiruchirappalli, India on November 13, 2019.
15. As a **Resource Person** delivered a talk on “Environmental Pollution and Management” for 138th Orientation Programme at HRDC, University of Madras, Chennai, India on October 30, 2019.
16. As a **Resource Person** delivered a talk on “Environmental Forensics of Emerging Microchemical Contaminants” for Environmental Science Refresher Course at HRDC, Pondicherry Central University, India on August 23, 2019.
17. **Delivered inaugural address** at the Workshop on “Popularization of Remote Sensing and GIS in Remote Areas” organized by the Department of Geography, Bharathidasan University, Tiruchirappalli, India on July 27, 2019.
18. As a **Resource Person** delivered a talk on “Mass Spectrometry for Advanced Research” for Life Science Refresher Course at Academic Staff College, Bharathidasan University, Tiruchirappalli, India on July 19, 2019.
19. **Delivered Prof. P. Muthusubramanian Manivizha Endowment Lecture** on ‘Environmental Micropollutants’ at ENERGY FEST’19 on April 5, 2019 at Madurai Kamaraj University, Madurai, India.
20. **Invited talk** on ‘Environmental Forensics of Emerging Micropollutants and Mass Spectrometry’ and **Chaired** a session in the International Water Conference: Pollution to Purification (ICW2018) at Mahathma Gandhi University, Kottayam, India on December 7-10, 2018.
21. **Invited talk** on ‘Current Status of Organic Micropollutants in Indian Atmosphere’ in the International Workshop on Water and Air research Initiative for Societal Health (WaARISH-2018) at SRM Institute of Science and Technology, Kattankulathur, India on November 13, 2018.
22. As a **Resource Person** delivered a talk on “Environmental Forensics of Emerging Contaminants” for Environmental Science Refresher Course at Academic Staff College, Bharathiar University, Coimbatore, India on July 24, 2018.

23. As a **Resource Person** delivered a talk on “Environmental Forensics and Mass Spectrometry” for Environmental Science Refresher Course at Academic Staff College, Pondichery University, Pudhuchery, India on July 21, 2018.
24. **Key note speech** on “Emerging Micro Chemical Contaminants in Indian Rivers” and Chaired a session in the National Seminar on “Environmental Status: Environmental Protection, Management and Governance” SEEPMG 2018 at Andhra University, Vizagapatnam, India (June 29-30, 2018)
25. As a **Resource Person** delivered a talk on “Mass Spectrometry for Advanced Research” for Life Science Refresher Course at Academic Staff College, Bharathidasan University, Tiruchirappalli, India on June 20, 2018.
26. **Invited talk** on ‘Emerging Pollutants in Water and Wastewater’ in the National Seminar on Water Quality and Treatment (WQT-18) at Madurai Kamaraj University, Madurai, India (March 22-23, 2018).
27. As a **Resource Person** delivered a talk on “Mass Spectrometry for Advanced Research” for Life Science Refresher Course at Academic Staff College, Bharathidasan University, Tiruchirappalli, India on June 20, 2018.
28. **Invited talk** on ‘Emerging Pollutants and Environmental Health’ in the National conference on Climate Change and Sustainable Environment at St. Xavier’s College, Palayamkottai, India (15th and 16th March, 2018).
29. **Keynote lecture** on “Emerging Micro Pollutants (EMPs) in the Indian Environment” in the International Conference on “Biodiversity and Sustainable Resource Management (ICBSRM-2018) at Chepauk Campus, University of Madras, Chennai, India (March 12-13, 2018).
30. **Invited talk** on ‘Chromatography with Mass Spectrometry’ in the National Workshop on Analytical Techniques for Research in Physics, Chemistry and life Sciences ATRPCL-2018’ at Bishop Heeber College, Tiruchirappalli, India (March 9, 2018).
31. **Inaugural lecture** on ‘Mass Spectrometry’ in the National Conference on Advances & Innovations in Biotechnology (NCAIB) 2018 at National College, Tiruchirappalli, India (February 19-20, 2018).
32. **Invited talk** on ‘Emerging Pollutants’ in the State level Symposium on ‘Strategies and Challenges in Eco-restoration’ at Vellalar College for Women, Erode, India (February 13, 2018).
33. As **Resource Person** delivered a talk on “Emerging Pollution and Environmental Trends” for Environmental Studies Refresher Course at Academic Staff College, Bharathiar University, Coimbatore, India on November 26, 2013.
34. As a **Resource person** delivered a lecture “Environmental Status of Emerging Chemical Contaminants” in the Refresher course in Environmental Sciences conducted by Academic Staff College of University of Madras, Chennai on August 31, 2013
35. As a **Resource Person** delivered a talk on “Synthetic pesticide residues in ground waters of India” at the Training Program on “Remediation Technology and Modeling of Assessment of Ground Water Contamination” CSIR-National Geophysical Research Institute, Hyderabad on January 25, 2013.
36. As a **Resource Person** delivered a talk on “Emerging Chemicals impact and Mass Spectrometry for Environmental Research” for Zoology Refresher Program at Academic Staff College, Bharathiar University, Coimbatore, India on October 20, 2012.

37. As a **Resource Person** delivered on “Mass Spectrometry an Analytical Technique in Biological/Environmental Research” for Life Science Refresher Program at Academic Staff College, Bharathiar University, Coimbatore, India on September 15, 2012.
38. As a **Resource Person** delivered on “Mass Spectrometry an Analytical Technique in Biological/Environmental Research” for Life Science Refresher Program at Academic Staff College, Bharathiar University, Coimbatore, India on March 26,2012.
39. As a **Resource Person** delivered on “Overview of Gas Chromatography (GC)” in the National Training cum Workshop on “Analytical and Technical Advancement in AAS and GC (WATA-AG)” organized by Department of Marine Sciences, Bharathidasan University, Tiruchirappalli, India on January 25, 2012.

Others

STUDENTS’ AWARDS/HONOURS

- Mr.S.Krishna Kumar **CSIR-SRF for Doctoral Research**
- Mr.S.Srimurali **Best Poster presentation award, NEERI, Nagpur, India**
- Ms.R.Bhuvaneshwari **Jawaharlal Nehru Fellowship for Doctoral Research**
- Ms.R.Bhuvaneshwari **Hiyoshi Young Leaf Award (2009)**
- Mr. K.Vimal Kumar **LaMer Fellowship from Ehime University, Japan - (2019)**
- Mr. K.Vimal Kumar **LaMer Fellowship from Ehime University, Japan - (2018)**
- Mr. K.Vimal Kumar **LaMer Fellowship from Ehime University, Japan - (2017)**
- Mr. K.Vimal Kumar **LaMer Fellowship from Ehime University, Japan - (2016)**

DEPUTED STUDENTS FOR TRAINING (Analytical and Advanced Instrumentation) IN ABROAD WITH TRAVEL GRANT/FELLOWSHIP: 19

- 2019** Mr. K. Vimal Kumar awarded *LaMer* Fellowship to work on PBDEs at CMES, Ehime University, Matsuyama, **Japan** (August – September, 2019).
- 2018** Mr. K. Vimal Kumar awarded *LaMer* Fellowship to work on PBDEs at CMES, Ehime University, Matsuyama, **Japan** (October 20 – November 12, 2018).
- 2018** Mr. .E. Arun carried out PFCs analysis in water samples using LC-MS/MS at UNU Laboratory of Application Development and Support Centre, Shimadzu Asia Pacific Pte. Ltd in **Singapore** (March 6-9, 2018).
- 2017** Mr. K. Vimal Kumar awarded *LaMer* fellowship to work on PBDEs at CMES, Ehime University, Matsuyama, **Japan** (June 13 – July 10, 2017).
- 2016** Mr. K. Vimal Kumar awarded *LaMer* fellowship to work on PBDEs at CMES, Ehime University, Matsuyama, **Japan** (October 10-29, 2016).
- 2016** Mr. K. Vimal Kumar undergone an international training course on analytical method for PFCs at Shimadzu Training Facility, Kyoto, **Japan** (July 12-15, 2016).

- 2015 Mr. Patil Nikhil Nishikant** carried out PFCs analysis in water samples using LC-MS/MS at Chonnam National University, **South Korea** (September 13-19, 2015).
- 2014 Mr. S. Krishna Kumar** carried out PFCs analysis in water samples using LC-MS/MS at Chonnam National University, **South Korea** (March 24-29, 2014).
- 2013 Mr. S. Krishna Kumar** undergone a training on PFC analysis in water samples at Shimadzu Training Facility, Kyoto, **Japan** (February 25-27, 2013).
- 2012 Mr. S. Srimurali** undergone a training on Passive Air Sampling III: Long range transport of pollutants at South Sea Research Institute, Korea Institute of Ocean Science and Technology (KIOST), Geoje, **South Korea** (September 10-21, 2012).
- 2012 Mr.K.Vimal Kumar** undergone internship at Hiyoshi Environmental Corporation, Omi Hachiman, **Japan** (May – July 2012).
- 2011 Mr. S. Krishna Kumar** undergone a training on Passive Air Sampling: Long range transport of pollutants at South Sea Research Institute, KORDI, Geoje, **South Korea** (October 10-21, 2011).
- 2010 Mr. S. Govindaraj** undergone a training on Passive Air Sampling: Long range transport of pollutants at South Sea Research Institute, KORDI, Geoje, **South Korea** (October 12-22, 2010).
- 2010 Mr. M. Mayilsamy** M.Phil. Student undergone internship at Hiyoshi Environmental Corporation, Omi Hachiman **Japan** (May – July 2010).
- 2010 Mr. S. Srimurali** undergone a training on PBDE analysis in sediment at Shimadzu Training Facility, Kyoto, **Japan** (April 12-14, 2010).
- 2009 Ms. J. Sripriya**, I M.Sc. student undergone internship at Hiyoshi Environmental Corporation, Omi Hachiman, **Japan** (May – July 2009).
- 2009 Ms. R. Buvaneshwari** undergone a training on PCB analysis in water at Shimadzu Training Facility, Kyoto, **Japan** (March 23-25, 2009).
- 2008 Mr. S .Govindaraj** underwent training on Pesticide analysis in squid at Shimadzu Training Facility, Hadano, **Japan** (March 17-19, 2008).
- 2007 Ms. R. Buvaneshwari** undergone a training on pesticide analysis at South Sea Research Institute, KORDI, Geoje, **South Korea** (October 14-27, 2007).
- 2012 Mr.K.Vimal Kumar** undergone internship at Hiyoshi Environmental Corporation, Omi Hachiman, **Japan** (May – July 2012).
- 2011 Mr.S.Krishna Kumar** undergone a training on Passive Air Sampling: Long range transport of pollutants at South Sea Research Institute, KORDI, Geoje, **South Korea** (October 10-21, 2011).
- 2010 Mr.S.Govindaraj** undergone a training on Passive Air Sampling: Long range transport of pollutants at South Sea Research Institute, KORDI, Geoje, **South Korea** (October 12-22, 2010).
- 2010 Mr.M.Mayilsamy** M.Phil. student undergone internship at Hiyoshi Environmental Corporation, Omi Hachiman **Japan** (May – July 2010).
- 2010 Mr.S.Srimurali** undergone a training on PBDE analysis in sediment at Shimadzu Training Facility, Kyoto, **Japan** (April 12-14, 2010).
- 2009 Ms.J.Sripriya**, I M.Sc. student undergone internship at Hiyoshi Environmental Corporation, Omi Hachiman, **Japan** (May – July 2009).
- 2009 Ms.R.Buvaneshwari** undergone a training on PCB analysis in water at Shimadzu Training Facility, Kyoto, **Japan** (March 23-25, 2009).

- 2008 Mr.S.Govindaraj** underwent training on Pesticide analysis in squid at Shimadzu Training Facility, Hadano, **Japan** (March 17-19, 2008).
- 2007 Ms. R.Buvaneshwari** undergone a training on pesticide analysis at South Sea Research Institute, KORDI, Geoje, **South Korea** (October 14-27, 2007).

RESEARCH GUIDANCE

Ph.D. (Doctor of Philosophy): Awarded: **11**; Doing: **6** (Full time 5 + Part time 1)

M.Phil. (Master of Philosophy): Awarded: **11**

Post Doctoral Research Fellows: (Completed-04; Working-01*)

Dr. D. S. Kothari Fellowship of UGC - Dr.L.A.Vasanthi, Dr.V.Sri Ramkumar
Dr.Vijayakumar*

DST, NPDF - Dr.R.K.Poopal

DST, Women Scientist - Dr.L.A.Vasanthi

Recent Publications

2021

1. Chikmagalur Mallappa Gopal, Krishnamurthy Bhat, **Babu Rajendran Ramaswamy**, Virendra Kuma, Rakesh Kumar Singhal, Hirakendu Basu, Harikripa Narayana Udayashankar, Surenehalli Gowdra Vasanthraju, Yerabham Praveenkumarreddy, Shailesh, LinoYovan, Keshava Balakrishna (2021). Seasonal occurrence and risk assessment of pharmaceutical and personal care products in Bengaluru rivers and lakes, India. *Journal of Environmental Chemical Engineering* (in press) (**IF 4.3**).
2. Sundararajan Balasubramani, B. D. Ranjitha Kumari, Anil Kumar Moola, D. Sathish, G. Prem Kumar, S. Srimurali and **R. Babu Rajendran** (2021). Enhanced Production of β -Caryophyllene by Farnesyl Diphosphate Precursor-Treated Callus and Hairy Root Cultures of *Artemisia vulgaris* L. *Frontiers in Plant Science*, 12: (**IF 4.402**)
3. Krishna Kumar Selvaraj, Mayilsamy Murugasamy, Nishikant Patil Nikhil, Arun Elaiyaraja, Srimurali Sampath, Vimalkumar Krishnamoorthi, He Huan, **Babu Rajendran Ramaswamy** (2021). Investigation of distribution, sources and flux of perfluorinated compounds in major southern Indian rivers and their risk assessment. *Chemosphere*, 277: (<https://doi.org/10.1016/j.chemosphere.2021.130228>) (in Press) (**IF 5.778**)
4. Krishnamoorthi Vimalkumar, Nishikant Patil Nikhil, Elaiyaraja Arun, Murugasamy Mayilsamy, **Ramaswamy Babu-Rajendran** (2021). Synthetic musks in surface water and fish from the rivers in India: Seasonal distribution and toxicological risk assessment. *J Hazardous Materials* (<https://doi.org/10.1016/j.jhazmat.2021.125558>) (in Press) (**IF 9.038**)
5. Yerabham Praveenkumarreddy, Krishnamoorthi Vimalkumar, **Babu Rajendran Ramaswamy**, Virendra Kumar, Rakesh Kumar Singhal, Hirakendu Basu, Chikmagalur Mallappa Gopal, Kalwaje Eshwara Vandana, Krishnamurthy Bhat, Harikripa Narayana Udayashankar, Keshava Balakrishna. Assessment of non-steroidal anti-inflammatory drugs in selected wastewater treatment plants of Southwestern India. *Emerging Contaminants* (Accepted)

2019

6. Paromita Chakraborty, Moitrayee Mukhopadhyay, Srimurali Sampath, **BabuRajendran Ramaswamy**, Athanasios Katsoyiannis, Alessandra Cincinelli, Daniel Snow (2018). Organic micropollutants in the riverine sediments along the lower stretch of the River Ganga: Occurrences, sources and risk assessment. *Environmental Pollution* 249: 1071-1080 (<https://doi.org/10.1016/j.envpol.2018.10.115>) (IF 4.839).

2018

7. Abimannan Arulkumar, Thomas Rosemary, Sadayan Paramasivam, **Ramaswamy Babu Rajendran** (2018). Phytochemical composition, in vitro antioxidant, antibacterial potential and GC-MS analysis of red seaweeds (*Gracilaria corticata* and *Gracilaria edulis*) from Palk Bay, India. *Biocatalysis and Agricultural Biotechnology* 15: 63-71.
8. **Babu Rajendran, R**, Gopalakrishnan Preethi, Rama Krishnan Poopal, Nishikant Patil Nikhil, Krishnamoorthi Vimalkumar, Annamalai Subramanian, Selvaraj Krishna-Kumar(2018). GC-MS determination of phthalate esters in human urine: a potential biomarker for phthalate bio-monitoring. *J Chromatography B*1079:15-24(IF 2.6).
9. Vimalkumar K, E. Arun, S. Krishna Kumar, R. K.Poopal, N. N. Patil, A.Subramanian, **Babu Rajendran, R** (2018). Occurrence of triclocarban and benzotriazole ultraviolet stabilizers in water, sediment, and fish from Indian rivers. *Science of the Total Environment* 625:1351-1360 (IF 4.9).