

CURRICULUM VITAE



Name : Dr. R. RAMESH
Designation : Assistant Professor
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Teaching Experience : 3 Years

S.No	Name of the Institution	Period of Service
1.	J.J. College of Arts and Science (Autonomous)	11.06.2018 to Till Date

Publications

Research papers : 16
Citations / h – index / i 10 - index : 08 / 06 /
Cumulative Impact Factor : 10
Book (s) Published : Nil
Book Chapter : Nil

1. **R.Ramesh**, P.Kavitha, N.Kanipandian, S. Arun, R.Thirumurugan and P.Subramanian. (2013). Alteration of antioxidant enzymes and impairment of DNA in the SiO₂ nanoparticles exposed Zebra fish (*Danio rerio*). Journal of Environmental Monitoring and Assessment.185: 5873-5881. **(Impact Factor: 1.400)**.
2. P.Kavitha, **R.Ramesh** and P.Subramanian (2012). Histopathological changes in *Poecilia latipinna* male gonad due to *Tribulus terrestris* administration. Journal of in Vitro Cell.Dev.Biol.—Animal. 48:306–312. **(Impact Factor: 1.312)**.

3. Rajan.M.R.Kousalaya .M. **Ramesh, R.** (2015) Decontamination of Textile dyeing Industry Effluent using iron oxide Nanoparticles, Indian Journal Of Applied Research 321-323.
4. Kavitha, P. **Ramesh, R.** Bupesh, G. Stalin, A and Subramanian, P. (2011). Hepatoprotective activity of *Tribulus terrestris* extract against acetaminophen-induced toxicity in a freshwater fish (*Oreochromis mossambicus*). In Vitro Cell.Dev.Biol.—Animal. 47: 698–706. **(Impact Factor: 1.312)**.
5. C. Amutha, G. Bupesh, **R. Ramesh**, P. Kavitha, P. Subramanian 2009. Cytochrome P450-Dependent Mixed Function Oxidases (MFO) System Dynamics During the Poly Aromatic Hydrocarbon (PAH) Metabolism in Green Mussel *Perna Viridis* (Linnaeus, 1758) Environmental Bioindicators,4, 1 97 – 116. **(Impact Factor: 0.730)**.
6. N.Kanipandian, **R.Ramesh** & R.Thirumurugan, 2014. Characterization, antioxidant and cytotoxicity evaluation of green synthesized silver nanoparticles using *Cleistanthus collinus* extract as surface modifier, Materials Research Bulletin, 49: 494–502. **(Impact Factor: 1.91)**.
7. K.Sivakumar, **R.Ramesh** & P.Subramanian, 2012. A Synthesis and Characterization of Copper Oxide Nano Hollow spheres, Nano science, Nano engineering & application, 2:1-11.
8. T.SivaVijayakumar, **R.Ramesh** & P.Subramanian, 2013, Synthesis of Silver Doped Zinc Oxide Nanocomposite by Pulse Mode Ultrasonication and its Characterization Studies, Nanoscience, 1-7.
9. Amutha, C. Bupesh, G. **Ramesh, R.** Kavitha, P. Subramanian, P. 2009. Alkaline phosphatase as one of the tool for PAH pollution detection on estuarine clam *Meretrix casta*. Journal of Experimental Zoology 12(1): 113-116.
10. Kavitha P., **Ramesh, R.** Rajan.M.R.Stella.C.2015. Synthesis and Characterization of Cerium Oxide Nanoparticles by using Rapid Precipitation Method. Indian Journal of Research 91-03.
11. Suganya. D **Ramesh, R.** Rajan.M.R 2016 Green Synthesis of Iron Oxide Nanoparticles from Leaf extract of Passiflora Foetida and Its Antibacterial Activity 8(11) International Journal of Current Research 42081-42085.
12. J Mekala, MR Rajan, **R Ramesh** 2016 Green Synthesis and Characterization of Copper Nanoparticles Using Tulsi (Ocimum Sanctum) Leaf Extract: 5, 14-16
13. V Premkumar, MR Rajan, **R Ramesh** 2016 Removal of toxic substances from textile dyeing industry effluent using iron oxide nanoparticles Indian J Res 5 (6), 80-83

14. VKeerthika M.R.Rajan, J.Archana, **R.Ramesh** 2016 Toxicity of Zinc Oxide Nanoparticles in Tilapia Oreochromis mossambicus Indian Journal Of Research 5 (10), 220-224.
15. V Keerthika, **R Ramesh**, MR Rajan 2016 Impact of Iron oxide Nanoparticles on Behavioral changes in Fresh water Fish Labeo rohita, Indian Journal of Research 5 (8), 158-159
16. V Keerthika, **R Ramesh**, MR Rajan 2017 Toxicity assessment of iron oxide nanoparticles in Labeo rohita Int. Nati. J. Fish. and Aquat. Stud 5 (4), 1-6

Paper Presentation in Conference/Seminar/Workshop

Sl. No.	Name of the Seminar/Symposia/Conference. etc	Name of the Organizer	Duration		Nature of participation
			From	To	
1	National Seminar on Biotechnological and Immunological Strategies for Research (2001)	Department of Biotechnology, University of Madras Chennai	Mar-15 th	16 th	Participation
2	National Conference on Ornamental fishes. (2006)	Department of Zoology Sree Narayana.College Nattika, Thrissur	Sep-18 th	19 th	Paper Presented
3	National seminar on Pollution hazards and Marine fishery resources management (2007)	Fisheries College and Research Institute Thoothukudi Tamilnadu Veterinary and Animal Science University,	Oct-25 th	26 th	Participation
4	National Seminar on Recent trends in Aquaculture Practices towards technological empowerment of Aquaculture farmers (2008)	Department of Zoology Bharathiar University, Coimbatore.	Aug 7 th	8 th	Participation
5	One Day Seminar on Recent Trends in Chemical Signaling (2009)	Department of Animal Science Bharathidasan University Tiruchirappalli	Feb 2 nd		Participation
6	National Symposium on Importance of Nanoscience and Technology (2009)	Department of Nanoscience and Technology Alagappa University, Karaikudi	Mar1 4	Mar 15	Participation

7	National Symposium on Current Perspectives in Animal Biotechnology (2011)	Department of Animal Science Bharathidasan University Tiruchirappalli	Feb 3	Feb 4	Paper Presented
8	National seminar on Challenges in Animal Biotechnology and Environmental Management Research (2011)	Department of Animal Science Bharathidasan University Tiruchirappalli	Jun 23		Participation
9	Annual Conference of Ethological Society of India & Symposium on Chemical Signals in Animal Welfare (2011)	Department of Environmental Biotechnology Bharathidasan University Tiruchirappalli	Dec 15	Dec 16	Participation
10	National seminar on Resent Advances in Biomedical Research on Infectious and Non –Infectious Diseases (2011)	Department of Biomedical Science, Bharathidasan University Tiruchirappalli	Oct 13	Oct 14	Participation
11	National Conference on Biotechnological Approaches in Aquaculture (2012)	Department of Zoology Bharathiar University Coimbatore.	Feb 1	Feb 3	Participation
12	National Conference on Potentials and Prospects of Aquatic resources (2012)	Department of Zoology Kunthavai Naacchiyaar Government Arts College for Women, Thanjavur	Feb 6 th	Feb 7 th	Paper Presented
13	National Conference on Marine Environmental Challenges and Coastal Zone Management Strategy (2012)	Department of Marine Science Bharathidasan University Tiruchirappalli	Feb1 3	Feb1 4	Participation
14	National Conference on Frontier areas in Applied Zoology (2012)	Department of Zoology Ayya Nadar Janaki Ammal College, Sivakasi	Mar 15	Mar 15	Paper Presented
15	National Seminar on Animal Transmitted Diseases in Tropics (2012)	Department of Zoology Rajah Serfoji College, Thanjavur	Sep 26	Sep 27	Participation
16	International conference on Ornamental Fish Breeding, Farming and Trade (2006)	Department of Fisheries Government of Kerala and	Feb 5 th	Feb 6 th	Attended

		Ministry of Agriculture Government of India			
17	International Conference on Vision on Rural Water, Life and Environment 21 st Century (2007)	Department of Geology Bharathidasan University Tiruchirappalli	Jan 29	Jan 31	Paper Presented
18	International Conference on Bioethics (2008)	Department of Biotechnology Mother Teresa Women's University, Kodaikanal.	Sep 24	Sep 26	Presented Poster
19	International conference on Synthesis, Characterization Consolidation and Modelling of Nanomaterials (2010)	Department of Metallurgical Engineering PSG College of Technology, Coimbatore	Mar 5	Mar 6	Presented Paper
20	International Seminar on Applications of Confocal Microscopic Techniques in Animal Health Management (2010)	School of Animal Health Management, Alagappa University Karaikudi	Mar 29	Mar 30	Presented Paper
21	International Symposium on Environmental risk Assessment (2011)	Department of Zoology Bharathiar University Coimbatore.	Oct 17	Oct 19	Presented Paper
22	International Conference on Nanotechnology at the biomedical interface (2012)	Amrita Centre for Nanosciences and Molecular Medicine Amrita Institute of Medical Sciences and Research Centre Kochi	Feb 21	Feb 23	Presented Poster
23	International Conference on Nanomaterials and Applications (2012)	Department of Physics, Chemistry And Biotechnology Mother Teresa Women's University, Kodaikanal	Feb 28	Feb 29	Presented Paper
24	National workshop Application of Molecular tools in Animal Science Research (2006)	Department of Animal Science Bharathidasan University Tiruchirappalli	Dec 5	Dec 21	Trainer
25	Workshop On Bay of Bengal Biogeographic Information System (2007)	Centre for Advanced Study in Marine Biology Parangipettai, National Institute of Oceanography Kochi,	Feb 19	Feb 20	Participation

		National Chemical Laboratory Pune			
26	Short term Course on Electron Microscopy (2008)	Department of Metallurgical and Materials Engineering National Institute of Technology Tiruchirappalli	Sep 6	Sep 8	Attended
27	Faculty Development Programme on Nanomaterials Synthesis and Charaterization (2009)	SASTRA University Thanjavur	Jan 31		Attended
28	National Workshop on Patent Information (2009)	Patent Cell Bharathidasan University, Tiruchirappalli	Apr 29		Participation
29	Awareness Workshop on The Facilities of UGC-DAE Consortium for Scientific Research(2009)	Centre for High Pressure Research School of Physics Bharathidasan University, Tiruchirappalli	Sep 16	Sep 17	Participation
30	National Workshop on Scholarly Information Access (2009)	University Library Bharathidasan University, Tiruchirappalli	Oct 23	Oct 24	Attended
31	INDO-US Workshop on Nanotechnology: Applications and Implications (2009)	Biology Division Indian Institute of Chemical Technology Hyderabad	Nov 10	Nov 12	Presented Paper
32	National Workshop on Petroleum Exploration (2011)	Department of Geology Bharathidasan University Tiruchirappalli	Mar 31	Apr 1	Participation
33	National advanced Training on Programme Applications of Remote Sensing, GIS and GPS (2011)	Department of Geology Bharathidasan University Tiruchirappalli	Jun 20	Jun 24	Participation
34	Training on Mushroom Culture for Rural Youth (2000)	Department of Zoology, Vivekananda College, Tiruvedakam	Jan 6		Participation
35	Training on Inland fish culture (2008)	Agriculture Research Centre, Tamilnadu Agricultural University, Sirugamani, Tiruchirappalli	Nov 17	Nov 26	Participation

36	UGC sponsored short time training workshop on Methods in Life sciences Research (2012)	UGC Academic Staff College, Bharathidasan University, Tiruchirappalli	Mar26 th	Mar28 th	Participation
37	National Workshop on Scientific /Research Paper Writing (2012)	The National Academy of Sciences India	Jun 8	Jun 10	Participation
38	National Workshop for Research Methodology & Green Technology (2012)	UGC Academic Staff College, Pondicherry University	Nov 29	Nov 30	Participation
39	International Symposium on Bioscience Research for Present and future (2013)	Centre for Biosciences, Vivekanadha College of Arts and Sciences for women, Tiruchengode	Nov18	---	Presented Paper
40	International Seminar on Nanobiotechnology in Cancer Research (2014)	Department of Biotechnology Periyar University, Salem	July 21	---	Participation
41	National Conference on Innovations, Implementations and Controversies of Animal Biotechnology (2014)	Department of Animal Science Bharathidasan University Tiruchirappalli	March20	Mar 21	Participation
42	International Conference on Green Energy & Green Environment (2015)	Department of Microbiology and Biochemistry , Nadar Saraswathi College of Arts & Science,Theni	Jan 21		Presented Paper
43	Regional Conference of Young Scientists (2015)	TWAS Regional office ,Jawaharlal Nehru Centre for Advanced Scientific Research ,Bangalore	Feb 18	Feb 20	Participation
44	National Seminar on Recent Challenges in Zoology (2015)	Department of Zoology Arulmigu Palaniandavar Arts College for Women, Palani	Sep 08	----	Presented Paper
45	National Conference on Advances in Biological and Environmental Sciences (2016)	Department of Biology Gandhigram Rural Institute –Deemed University, Gandhigram	Feb 25	Feb 26	Presented Paper

46.	State Level Seminar on Emerging Trends in Biology (2016)	Departments of Zoology & Botany, G.T.N Arts College, Dindigul	Oct 14		Participation
47	National Workshop on Optical Characterization of Materials (2016)	Department of Physics, Gandhigram Rural Institute –Deemed University, Gandhigram	Oct 24		Participation
48	National Conference on Bioresources Conservation, Utilization and Future Prospects (2017)	Department of Biology, Gandhigram Rural Institute –Deemed University, Gandhigram	Feb 16	Feb 17	Presented Paper
49	Winter School –Advances in Fish Biology and Genotoxicity (2017)	UGC-Networking Resource Centre In BioSciences	Marc 15 th	Marc 28 th	Participation

Research Guidance

1	Ph.D.	Nil	Completed : 0
2	M.Phil.	Guiding : 0	Completed : 01

Awards and Achievements

1. Proficiency Awarded in B.Sc. Zoology from Vivekananda College, Tiruvedakam west, Madurai from (1997-2000)
2. University Research Fellowship (URF) from Bharathidasan University, Tiruchirappalli. (2006-2008).
3. Research Fellowship in Sciences for Meritorious Students (RFSMS) from UGC New Delhi, India. (2009- 2012).
4. Dr. D.S. Kothari Post Doctoral Fellow (PDF) from UGC New Delhi, India. (2013- 2016).
5. Reviewer (Journal of Advanced Research- Elsevier)
6. Reviewer (Journal of Ayurveda and Integrative Medicine- Elsevier)
7. Reviewer (Journal of Ecotoxicology and Environmental Safety- Elsevier)