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Experience in Teaching : 16 Years
Experience in Research : 16 Years
Education Qualification : M.Sc., M.Phil., Ph.D. (Zoology)



Titles of Dissertation:

M.Phil. : “Toxicity and effect of chlorpyrifos on blood chemistry of a freshwater teleost fish *Labeo rohita*”
Ph.D. : “Combined effect of botanicals, microbial and synthetic insecticides against the dengue vector, *Aedes aegypti* (L.) (Insecta: Diptera: Culicidae)”

Areas of Specialization: Aquatic Toxicology and Entomology

Courses Attended:

1. Attended 104th Orientation Programme at UGC Academic Staff College, Bharathiar University, Coimbatore from 6-11-2014 to 3-12-2014.
2. Attended Refresher Course in Environmental Sciences (ID) conducted by UGC– Human Resource Development Centre, Bharathiar University, Coimbatore, from 10-05-2017 to 30-05-2017.
3. Attended Faculty Development Programme- “Hands on Training on Mendeley for effective reference Management”, organized by Internal Quality Assurance Cell and Research Wing of VHNSN College, Virudhunagar on 16th September, 2017.
4. Attended Refresher Course in Zoology conducted by UGC– Human Resource Development Centre, Bharathiar University, Coimbatore, from 20th June, 2019 to 3rd July, 2019.
5. Participated in Two weeks online Faculty Development Programme on “Pedagogy and Research Methods”, AMET University, Chennai from 24th May, 2021 to 6th June, 2021.
6. Attended two days “In-Service Teacher Training Program in Life Science”, Mother Teresa Women’s University, Kodaikanal on 12th and 13th May, 2022.

Workshop Organized as Convenor / Co-ordinator:

1. Workshop on “Entrepreneurship in Sericulture”, Department of Zoology, Vivekananda College of Arts and Sciences for Women, Tiruchengode, Namakkal on 8th March, 2011.
2. Workshop on “Silk Cocoon Handicrafts”, Department of Zoology, Vivekananda College of Arts and Sciences for Women, Tiruchengode, Namakkal on 20th January, 2012.
3. One day self employment training programme on “Mulberry Silk Cut Cocoon Handicrafts” organized by the Department of Zoology, Vivekananda College of Arts and Sciences for Women, Tiruchengode on 20th February, 2013.

Seminars, Workshops and Conferences Attended:

State level Seminars/ Workshops/ Conference:

1. One day Workshop on "Mushroom Culture Training for Rural Youth", Post Graduate Department of Zoology, Vivekananda College, Tiruvedakam West, Madurai on 6th January, 2000.
2. Workshops on “Biosafety Issues Related to Transgenic Crops”, The Residency, Coimbatore, 12th & 13th January, 2004.
3. State Level Seminar on “Role of Student Community in Environmental Management”, Kongunadu Arts and Science College, Coimbatore on 6th March, 2004.
4. One Day Seminar on “Environment for Future Generations”, VLB Janakiammal College of Engineering and Technology, Kovaipudur, Coimbatore on 19th March, 2004.
5. One day Workshop on “Restoration of Noyyal River Basin”, Department of Environmental Sciences, Bharathiar University, Coimbatore on 28th March, 2005. (Sponsored by TNSCST, Chennai & NCST, New Delhi).
6. Workshop on “Agribiotechnology for healthy environment, Rural development and self employment- AgriBiotech-10” Vivekananda College of Arts and Sciences for Women, Tiruchengode on 5th-6th March, 2010.
7. One day State level symposium on “Human Dimension in Wild life conservation”, Vellalar College for Women, Erode on 29th January, 2013.
8. One day self employment training programme on “Mulberry Silk Cut Cocoon Handicrafts”, Department of Zoology, Vivekananda College of Arts and Sciences for Women, Tiruchengode on 20th February, 2013.
9. One Day State level Symposium on “Rearing Multivoltine Silkworm (*Bombyx mori*) by Adopting Innovative Technology”, Department of Zoology, Hajee Karutha Rowther Howdia College, Uthamapalayam, Theni on 28th August, 2014.
10. State Level Workshop on “Statistical Solutions to Biological Problems”, Department of Biotechnology, Ayya Nadar Janaki Ammal College, Sivakasi on 23rd September, 2014.
11. Virudhunagar District cluster of Colleges Meet Organised by Department of Zoology, Sri S. Ramasamy Naidu Memorial College, Sattur on 22nd December, 2014.

12. Workshop on “Bee Keeping”, Department of Zoology, V.V. Vanniaperumal College for Women (Autonomous), Virudhunagar on 22nd January, 2015.
13. State Level Seminar on “Innovations in Biotechnology”, Department of Biotechnology, Ayya Nadar Janaki Ammal College, Sivakasi on 12th March, 2015.
14. One day State Level seminar on “Multidimensional Research in Biological Sciences”, Venture Institute of Biotechnology Research, Madurai on 21st March, 2015.
15. Science Academies’ Lecture Workshop on “Human Genomics and Genetic Diseases”, PG Department of Zoology, Saiva Bhanu Kshatriya College, Aruppukottai on 5th & 6th October, 2018.
16. Science Academies’ Lecture Workshop on “Recent Advances in Biological Science”, Department of Botany, Vivekananda College, Tiruvedakam West, Madurai on 11th & 12th December, 2018.
17. One day State level Seminar on “Wildlife Conservation and Forest Promotion”, Department of Zoology, Vivekananda College, Tiruvedakam West, Madurai on 28th February, 2019.
18. State level Sensitizing Workshop on “Intellectual Property Rights (IPR) and Technology Licensing”, V.H.N.S.N. College, Virudhunagar on 1st March, 2019.

National level Seminars / Workshops / Conference:

1. 4th National Seminar on “Scope and Strategies for Increasing Meat Production from Small Ruminants and Rabbits in New Millennium”, Organized by Indian Society for Sheep and Goat Production and Utilization (ISSGPU) and Department of Zoology, Bharathiar University, Coimbatore during 9th -11th November, 2001.
2. National Symposium on “Recent Trends in Restoration of Aquatic Environment and Biodiversity of Insects”, Kongunadu Arts and Science College, Coimbatore during 15th-16th February, 2002.
3. UGC Sponsored National Symposium on “Rural and Ethnomedicinal Plant Remedies-Conservation and Utilization (Ayush Remedies-2004)”, Kongunadu Arts and Science College, Coimbatore during 23rd - 25th September, 2004.
4. National Conference on “Technological Advancement in Clinical Biochemistry”, Karpagam Arts and Science College, Coimbatore on 15th October, 2004.
5. UGC National Seminar on “Dravidian Tribal Studies”, Department of Linguistics, Bharathiar University, Coimbatore during 3rd -5th March, 2005.
6. National Seminar on “AIDS/HIV Control and Awareness Strategies and Initiatives for Teacher, Community Leaders/Counselors and Researchers”, School of Biosciences, Dr.G.R. Damodaran College of Science, Coimbatore during 15th-16th July, 2005.
7. National Conference on “Medicinal Plant Chemistry”, N.G.M. College, Pollachi during 23rd-24th September, 2005.
8. National Seminar on “Recent Trends in Biosciences”, Vivekananda College of Arts and Sciences for Women, Tiruchengode, Namakkal during 23rd-24th February, 2006.

9. UGC National Seminar on “Tribal Studies in the Western Ghats”, Department of Linguistics, Bharathiar University, Coimbatore during 27th-28th March, 2006.
10. National Seminar on “Genes, Environment and Cancer”, Department of Zoology, Bharathiar University, Coimbatore during 10th-11th January, 2007.
11. Seminar on “Nanotechnology and its applications”, Department of Nanotechnology, Bharathiar University, Coimbatore on 3rd February, 2007.
12. National Seminar on “Current Technology Development in Biosciences” BioZoom–2007, Vivekananda College of Arts and Sciences for Women, Tiruchengode, Namakkal during 12th-14th September, 2007.
13. 6th National Conference of Indian Association of Applied Microbiologists (IAAM) on “Microbial Ecology, Biodiversity, Molecular Techniques and its prospects”, Kandaswami Kandar’s College, Velur, Namakkal during 12th-13th December, 2008.
14. National Level Conference on “Advancement in Transgenic Technology (ADTGT’09)”, Vivekananda College of Arts and Sciences for Women, Tiruchengode, Namakkal during 23rd - 25th September, 2009.
15. National Conference on “Impact of Climate Change on Biodiversity of Insects and Environment (CBI’10)”, Department of Zoology, School of Life Sciences, Bharathiar University, Coimbatore during 15th-16th March, 2010.
16. 3rd National Science Symposium on “HIV/AIDS 2010”, SERC, CSIR Campus, Taramani, Chennai during 30th-31st August, 2010.
17. One day National seminar on “Diagnosis of infectious diseases by molecular biological methods”, Department of Microbiology, Bharathidasan University, Tiruchirappalli on 29th November, 2010.
18. Workshop on “Silk Cocoon Handicrafts”, Department of Zoology, Vivekananda College of Arts and Sciences for Women, Tiruchengode, Namakkal on 20th January, 2011.
19. National Level Workshop on “Genomic Analysis & Protein Designing”, PG and Research Department of Zoology, Vivekananda College, Tiruvedakam West, Madurai on 6th October, 2016.
20. National level Workshop on “Research Projects, Funding Agencies and E-Resources”, Saiva Bhanu Kshatriya College, Aruppukottai on 29th July, 2017.
21. One day National Symposium on “Biodiversity Perspectives”, PG Department of Zoology, Hajee Karutha Rowther Howdia College, Uthamapalayam on 20th September, 2018.
22. National level Workshop on “Conservation and Management Strategies of Native Cattle and Vulture”, Department of Zoology, Kongunadu Arts and Science College, Coimbatore on 24th & 25th January, 2019.
23. National Conference on “Latest Trends in Life Sciences”, Department of Zoology, Hajee Karutha Rowther Howdia College, Uthamapalayam on 26th September, 2019.

24. National Seminar on “Recent Trends in Zoology”, PG Department of Zoology, Saiva Bhanu Kshatriya College, Aruppukottai on 28th February, 2020.

International level Seminars/ Workshops/ Conference:

1. International Conference on “Tsunami Management and Coastal Development”, Hotel Taj Coromandel, Chennai during 30th July- 1st August, 2005.
2. International symposium on “Environmental Risk Assessment 2011” Department of Zoology, School of Life Sciences, Bharathiar University, Coimbatore during 16th - 18th September, 2011.
3. International Conference on “Biotechnological Approaches in Aquaculture” Department of Zoology, School of Life Sciences, Bharathiar University, Coimbatore during 1st-3rd February, 2012.
4. International Seminar on “Environmental Issues of Emerging Pollutants”, PG and Research Department of Zoology, Vivekananda College, Tiruvedakam West, Madurai on 7th August, 2014.

Papers Presented:

Paper Presented in State level Seminars/ Workshops/ Conference:

1. S. Kamalakannan, A. Thangamani, K. Murugan and G. Vanithakumari, **A. Noortheen** and P. Murugan. “Efficacy of two drugs- Supradyn and Spirulina solution on growth efficiency, silk productivity and reproductive efficiency of mulberry silkworm, *Bombyx mori* L”. Presented in the State Level Seminar on Sericulture Technology Transfer to Farmers of SC & ST Population, Department of Zoology, Kongunadu Arts and Science College, Coimbatore during 29th-30th September 2004.
2. **A. Noortheen**, M. Muthuselvi and C. Brabavathi. “Combined larvicidal and pupicidal action on *Coriandrum sativum*, *Piper nigrum* and synthetic insecticide Cypermethrin against the dengue fever mosquito, *Aedes aegypti* L.” Presented in the State level student’s seminar on Biodiversity conservation, Department of Zoology, Ayya Nadar Janaki Ammal College, Sivakasi on 21st February, 2014.

Paper Presented in National level Seminars/ Workshops/ Conference:

1. P. Gnanasoundari, **A. Noortheen**, M. Ramesh and B. Revathy. "Toxic effect of mercury on hormonal regulation of a freshwater fish *Cyprinus carpio* var. *communis*". Presented in the National Seminar on Current Trends in Biological Sciences, Avinashilingam Institute for Home Science and Higher Education for Women-Deemed University, Coimbatore during 12th & 13th December, 2002.
2. M. Ramesh, **A. Noortheen** and R. Grace Juliet. “Impact of nimbecidine on the plasma electrolytes of *Catla catla* (Hamilton)”. Presented in the National Conference on Recent Trends in Insect Control, Department of Zoology, Bharathiar University, Coimbatore during 22nd -24th January, 2003.
3. M. Ramesh, **A. Noortheen** and R. Beena. “Influence of mercury toxicity on plasma electrolytes in a freshwater fish, *Cyprinus carpio*”. Presented in the National Symposium on Recent Trends in Applied Biology, Avinashilingam Institute for Women-Deemed University, Coimbatore during 28th -29th January, 2004.

4. M. Ramesh, V. Maruthappan and **A. Noortheen**. "Protective role of Calcium in acidified waters with reference to histopathology of a freshwater teleost fish *Cyprinus carpio* var. *Communis*". Presented in the National Symposium on "Modern Biological Science", Shri Nehru Maha Vidyalaya (SNMV) College of Arts and Science, Coimbatore during 8th - 9th October, 2004.
5. M. Ramesh, **A. Noortheen** and V. Maruthappan. "Impact of heavy metals on behavioural and mortality of a freshwater fish *Cyprinus carpio* var. *Communis*". Presented in the National Symposium on "Modern Biological Science", Shri Nehru Maha Vidyalaya (SNMV) College of Arts and Science, Coimbatore during 8th - 9th October, 2004.
6. **A. Noortheen**, P. Murugan, S. Kamalakannan and K. Murugan. "Mosquitocidal properties of plants from Anamalai hills, Western Ghats, Southern India". Presented in the National Seminar on "Health Environment for the Next Generation", School of Entomology & Centre for Natural Resources Management (SECNARM), Department of Zoology, Loyola College, Chennai during 2nd - 4th December, 2004.
7. K. Murugan, G. Vanithakumari and **A. Noortheen**. "Biological perspective of Tsunami- Biopesticides spray operation at Tsunami affected areas of Tamil Nadu". Presented in the Symposium on Tsunami "Bio-Geoinformatics 2005" Special reference to Tsunami and Disaster Management at the school of Genomics, Department of Zoology, Loyola College, Chennai during 28th February and 1st March, 2005.
8. **A. Noortheen** and K. Murugan. "Larvicidal and pupicidal effect of *Kaempheria galanga* and *Plectranthus amboinicus* against the dengue vector, *Aedes aegypti* L". Presented in the Two day National seminar on "Medical plants research- An Industry oriented perspective", Department of Biochemistry, Dr. G.R. Damodaran College of Science, Coimbatore during 21st - 22nd June, 2005.
9. M. Ramesh, **A. Noortheen** and S. Sudha. "Impact of aquatic pollution on physico-chemical characteristics of the Sulur pond, Coimbatore, South India". Presented in the National Conference on "Frontiers in Environmental Sciences and Engineering in India", Department of Environmental Sciences, Bharathiar University, Coimbatore during 15th-17th September, 2005.
10. **A. Noortheen** and K. Murugan. "Studies on the interactive effect of *Canarium strictum* and *Bacillus thuringiensis* for the control of dengue vector, *Aedes aegypti* L. (Insecta: Diptera: Culicidae)". Presented in the National Symposium on "Modern Biological Sciences", Department of Biosciences, Shri Nehru Maha Vidyalaya (SNMV) College of Arts and Science, Coimbatore during 15th & 16th February, 2006.
11. C. Maruthanayagam, **A. Noortheen**, R. Vahitha and M.P. Shanthi. "Haemato-Biochemical variations induced by monocrotophos in *Cyprinus carpio* during exposure and recovery period". Presented in the UGC Sponsored National seminar on "Emerging Trends in Life Sciences-2006", Department of Zoology, Bishop Heber College (Autonomous), Tiruchirappalli during 24th -25th August, 2006.
12. R. Vahitha, C. Maruthanayagam, **A. Noortheen**, and K. Murugan. "Smoke toxicity effect of some plants against Filarial vector, *Culex quinquefasciatus* Say". Presented in the National Conference on "Recent Trends in Biosciences", Department of Zoology, Annai College of Arts and Science, Kumbakonam during 8th - 9th February, 2007.

13. **A. Noortheen**, K. Murugan and R. Vahitha. “Larvicidal and pupicidal effect of *Canarium strictum* and *Bacillus thuringiensis* var. *israelensis* for the control of dengue vector, *Aedes aegypti*”. Presented in the National Conference on “Recent Trends in Biosciences”, Department of Zoology, Annai College of Arts and Science, Kumbakonam during 8th- 9th February, 2007.
14. **A. Noortheen**, T. Shyama and B. Govindarajan. “Evaluation of breast cancer in and around Erode district of Tamilnadu”. Presented in the National Seminar on “Cancer Biology: Drug and Novel therapeutics”, Department of Zoology, Saiva Bhanu Kshatriya College, Aruppukottai on 23rd January, 2015.
15. **A. Noortheen**, K. Nagarajan and R. Elavarasi. “Epidemiological studies on cervical cancer in and around Erode District”. Presented in the National Seminar on “Cancer Biology: Drug and Novel therapeutics”, Department of Zoology, Saiva Bhanu Kshatriya College, Aruppukottai on 23rd January, 2015.
16. **A. Noortheen**, Atanu Bhattacharyya and V. Prema. “Metabolite induced silver nanoparticles synthesis and its antimicrobial activity”. Presented in the National Conference on “Technical Advances in Textiles, Physical and Biological Sciences”, Department of Costume Design & Fashion, Physics and Biotechnology, Nandha Arts and Science College, Erode during 5th - 6th February, 2015.
17. **A. Noortheen**, M. Muthuselvi and K. Murugan.”Laboratory observations on the larvicidal and pupicidal efficacy of *Momardica cymbalaria* and micromycin, a microbial insecticide against the dengue vector, *Aedes aegypti*”. Presented in the National seminar on “Biodiversity and conservation: Present status and future perspectives”, Department of Zoology, St. Xavier College (Autonomous), Palayamkottai during 12th–13th February, 2015.
18. **A. Noortheen**, G. Gnanapriya and K. Murugan. “Mosquitocidal activity of *Bauhinia racemosa* and Azault, a neem based insecticide against the malarial vector, *Anopheles stephensi* (L.) (Diptera: Culicidae)”. Presented in the DST-SERB Sponsored National Conference on “Recent Advances in Industrial Biotechnological Skills Development”, Post Graduate and Research Department of Botany, Thiagarajar College, Madurai during 30th – 31st March, 2015.
19. K. Nagarajan, S. Kannan and **A. Noortheen**. “Population study of Zooplankton by applying GIS software in Kullursandhai Dam with relation to Atmospheric Temperature”. Presented in the National Conference on Perspectives and Prospects of Aquatic Research, PG and Research Department of Zoology, Kongunadu Arts and Science College (Autonomous), Coimbatore on 16th February, 2016.
20. **A. Noortheen**, M. Muthuselvi, K. Nagarajan and K. Murugan. “Laboratory observations on larvicidal and pupicidal efficacy of *Tecoma stans* and micromycin, a microbial insecticide against the dengue vector, *Aedes aegypti*”. Presented in the One day National Conference on “Avenues in Biotechnology 2016”, Department of Biotechnology, Nandha Arts and Science College, Erode on 17th February, 2016.
21. K. Nagarajan, S. Kannan and **A. Noortheen**. “Application of GIS software to study the zooplankton Population with relation to oxygen status in the water of Kullursandhai Dam”. Presented in the One day National Conference on “Avenues in Biotechnology

2016”, Department of Biotechnology, Nandha Arts and Science College, Erode on 17th February, 2016.

22. N. Nagarajan, **A. Noortheen**, D. Kumar and P. Rajendiran. “A review on bioremediation of heavy metals in electroplating industrial effluent”. Presented in the UGC sponsored National Conference on “Bio-Industries for sustainable Livelihood (NCBISL- 2018)”, Department of Biology, School of Sciences, The Gandhigram Rural Institute, Gandhigram, Dindigul on 27th & 28th March, 2018.
23. **A. Noortheen**, K. Murugan and R. Vanithasree. “Combined effect of different extracts of *Canarium strictum* and microbial insecticide Delfin against the dengue vector, *Aedes aegypti* (L.)”. Presented in the one day National Conference on “Environmental Sustainability Health and Pollution Abatement”, Department of Zoology, Muqyyath Sha Sirguro Wakf Board College, Madurai on 2nd March, 2020.

Paper Presented in International level Seminars/ Workshops/ Conference:

1. P. Murugan, A. Noortheen, and K. Murugan. “Larvicidal and repellent potential of *Albizia amara* and *Ocimum basilicum* on the dengue vector *Aedes aegypti*”. Presented in the 3rd Global Meet on Parasitic Diseases held at Bangalore University, Bangalore during 12th – 16th January, 2004.
2. M. Ramesh, V. Maruthappan, **A. Noortheen** and G. Kavitha. Influence of Durmet an Organophosphorus insecticide on Biochemical and Enzymological parameters of a Freshwater teleost fish *Cyprinus carpio* Var. communis”. Presented in the International Conference on Recent Advances in Biosciences held at PGP College of Arts & Science, Namakkal during 12th – 13th February, 2004.
3. K. Murugan, G. Vanithakumari, M. Ramesh, V. Maruthappan, **A. Noortheen**, S. Kamalakannan, R. Ramesh Prabhu and N. Kamaladasan. “Biological Perspective of Tsunami: A Relief and Rehabilitation Strategy – Biopesticide Spray Operation for Mosquito, Flies and Disease Control”. Presented in the International Conference on “Tsunami Management and Coastal Development”, Hotel Taj Coromandel, Chennai during 30th July- 1st August, 2005.
4. **A. Noortheen**, K. Murugan and P. Premalatha. “Interactive effect of *Plectranthus amboinicus* and *Canarium strictum* against the dengue vector, *Aedes aegypti*”. Presented in the International Conference on “Biodiversity of Insects: Challenging Issues in Management and Conservation (BIMC’06)”, Department of Zoology, Bharathiar University, Coimbatore during 30th January- 3rd February, 2006.
5. M.S. Thillaikarasi, K. Murugan and **A. Noortheen** (2006). Larvicidal and Pupicidal and Smoke Repellency Effect of *Achyranthus aspera* and *Acalypha indica* on Dengue Vector, *Aedes aegypti*. Presented in the International Conference on “Biodiversity of Insects: Challenging Issues in Management and Conservation (BIMC’06)”, Department of Zoology, Bharathiar University, Coimbatore during 30th January- 3rd February, 2006.
6. P. Premalatha, K. Murugan and **A. Noortheen** (2006). Studies on the Effect of *Murraya koenigii* Spreng. and *Bacillus thuringiensis* Var. *israelensis* on the Larvicidal, Pupicidal and Repellency of Malarial Vector, *Anopheles stephensi* Liston. Presented in the International Conference on “Biodiversity of Insects: Challenging

- Issues in Management and Conservation (BIMC'06)", Department of Zoology, Bharathiar University, Coimbatore during 30th January- 3rd February, 2006.
7. P. Thangamathi, K. Murugan and **A. Noortheen** (2006). Repellent Activity of *Aristolochia indica* against Filarial Vector, *Culex quinquefasciatus* Say. Presented in the International Conference on "Biodiversity of Insects: Challenging Issues in Management and Conservation (BIMC'06)", Department of Zoology, Bharathiar University, Coimbatore during 30th January- 3rd February, 2006.
 8. P. Thangamathi, K. Murugan, S. Ananth and **A. Noortheen** (2006). Genetic Variation of *Culex quinquefasciatus* Say Populations in and Around Coimbatore City. Presented at International Conference on "Biodiversity of Insects: Challenging Issues in Management and Conservation (BIMC'06)", Department of Zoology, Bharathiar University, Coimbatore during 30th January- 3rd February, 2006.
 9. **A. Noortheen** and M. Ramesh. "Toxicity and effect of chlorpyrifos on haematological profiles of a freshwater teleost fish *Labeo rohita*". Presented in the International Conference on "Biotechnological Approach in Bioresource Management (ICBAM-07)", Department of Biotechnology, Bharathidasan University, Tiruchirappalli during 23rd – 26th January, 2007.
 10. **A. Noortheen** and M. Malarvizhi. "Combined effect of *Jatropha curcas*, Neemarin and *Bacillus thuringiensis* var. *Kurstaki* against the dengue vector, *Aedes aegypti* (L.)". Presented in the International Congress of Global Warming on Biodiversity of Insects: Management and Conservation, Department of Zoology, Bharathiar University, Coimbatore during 9th -12th February, 2009.
 11. Shebriya Abdulla, M. Priyanka, B. Sangeetha and **A. Noortheen**. "Interactive effect of *Solanum nigrum* leaf extract and lambda cyhalothrin against the malarial vector *Anopheles stephensi* Liston (Insecta: Diptera: Culicidae)". Presented in the 2nd International Congress of Global Warming on Biodiversity of Insects: Management and Conservation, Department of Zoology, Bharathiar University, Coimbatore during 24th -26th August, 2011.
 12. **A. Noortheen** and M. Ramesh. "Toxicity and effect of Chlorpyrifos on blood chemistry of a freshwater teleost fish *Labeo rohita*". Presented in the International Symposium on "Environmental Risk Assessment 2011", Department of Zoology, Bharathiar University, Coimbatore during 17th – 19th October, 2011.
 13. M. Priyanka, **A. Noortheen** and P. Baby. "Comparative larvicidal potential of different plant parts of *Melia azadirach* against the dengue vector, *Aedes aegypti*". Presented in the International Symposium on "Environmental Risk Assessment 2011", Department of Zoology, Bharathiar University, Coimbatore during 17th – 19th October, 2011.
 14. **A. Noortheen**. "Comparative larvicidal and pupicidal effect of different parts of *Ocimum sanctum* against the malarial vector, *Anopheles stephensi* Liston". Presented in the 3rd International Congress on Global Warming on Biodiversity of Insects: Management and Conservation Strategies, Department of Zoology, Bharathiar University, Coimbatore during 26th -28th November, 2013.

15. **A. Noortheen**, M. Muthuselvi and K. Meenambigai. "Evaluation of larvicidal and pupicidal activity of aqueous extract of *Carica papaya* leaf and seed against the dengue vector, *Aedes aegypti*". Presented in the 3rd International Congress on Global Warming on Biodiversity of Insects: Management and Conservation Strategies, Department of Zoology, Bharathiar University, Coimbatore during 26th -28th November, 2013.
16. **A. Noortheen**, N. Chellapandi, G. Gnanapriya and K. Murugan. "Studies on the mosquitocidal activity of *adhatoda beddomei* and neem based insecticide, azault against the malarial vector, *Anopheles stephensi* (L.) (Diptera: Culicidae)". Presented in the International Conference on Physiology and Medicine", Department of Zoology, Periyar University, Salem during 15th-17th October, 2014.
17. **A. Noortheen** and R. Elavarasi. "Investigation on Cervical cancer in and around Erode District of Tamilnadu". Presented in the International Conference on "Cancer Biology: Drug and Novel therapeutics", Department of Zoology & Chemistry, Saiva Bhanu Kshatriya College, Aruppukottai during 29th & 30th September, 2016.
18. **A. Noortheen** and M. Muthuselvi. "Individual and Interactive effect of *Citrus aurantium* leaf extract and microbial insecticide Micromycin against the dengue vector, *Aedes aegypti*". Presented in the International Conference on "Vectors: Menace and Management", Department of Zoology, St. Xavier College (Autonomous), Palayamkottai on 28th & 29th January, 2020.

Research Publications:

Research Publications in International Journals:

1. **A. Noortheen**, B. Govindarajan and C. Brabavathi (2018) Combined larvicidal and pupicidal action of *Coriandrum sativum*, *Piper nigrum* and synthetic insecticide Cypermethrin against the Dengue fever mosquito, *Aedes aegypti* L. *Int. J. Trnd. Sci. Res. Dev.*, 2(4):1185- 1193. (ISSN: 2456-6470) (Impact factor: 4.101).
2. B. Govindarajan, D. Samson Edward, **A. Noortheen** and M. Nanthini (2018) Utilization of digital resources by the postgraduate students of Zoology in VHNSN College, Virudhunagar, India. *Int. J. Busi. Eco. Res.*, 4(2): 418- 422. (ISSN: 2455-3921) (Impact factor: 4.147).
3. B. Govindarajan, R. Thangamani, **A. Noortheen**, P. Senthilkumar and S. Muthuraj (2018) Dermatoglyphics in relation with blood groups among III B.Sc. Zoology Students in VHNSN College: A study. *Int. J. Curr. Sci. Res.*, 4(3): 1543- 1547. (ISSN: 2454-5422) (Impact factor: 2.42).
4. B. Govinadarajan, R. Nagarajan, P. Senthilkumar, R. Thangamani and **A. Noortheen** (2016) Field study of Chicken waste open dumping on road sides of Tuticorin city, Tamilnadu, India. *Int. J. Curr. Sci. Res.*, 2(10): 960-966. (ISSN: 2454-5422) (Impact factor: 2.306).
5. **A. Noortheen**, N. Nagarajan and S. Umarani (2016) Study on physico-chemical parameters of water samples in and around Salem district, Tamil nadu, India. *Int. J. Curr. Sci. Res.*, 2(1): 219-227. (ISSN: 2454-5422) (Impact factor: 2.306).

6. P. Senthilkumar, T. Selvakumar, G. Rameshkumar, V. Shanmugavel, K. Nagarajan, **A. Noortheen** and D. Kumar (2015) Assessment of Municipal Solid Waste generation in Aruppukottai town. *Int. J. Curr. Sci. Res.*, 1(1):14-18. (ISSN: 2454-5422) (Impact factor: 0.54).
7. **A. Noortheen** and M. Ramesh (2012) Toxicity and effect of chlorpyrifos on blood chemistry of a freshwater teleost fish *Labeo rohita*. *Int. J. Interdisci. Res. Revs.*, 1(1): 62-68. (ISSN: 2319-8788)
8. K. Murugan, P. Murugan, and **A. Noortheen** (2007 January) Larvicidal and repellent potential of *Albizzia amara* Boivin and *Ocimum basilicum* Linn against dengue vector, *Aedes aegypti* (Insecta: Diptera: Culicidae). *Bioresour Technol.*, 98 (1): 198-201. (ISSN: 0960- 8524).
9. K. Murugan, G. Vanithakumari, **A. Noortheen** (2005) Biological perspective of tsunami: a relief strategy- biopesticide spray operation for the mosquitoes, flies and disease control at the tsunami affected areas of Tamil Nadu and Pondicherry, India. (Conference news) *Geotechnical Engineering for Disaster Mitigation and Rehabilitation*. Copyright 2005, World Scientific Publishing Co. Pte Ltd., Singapore.

Research Publications in National Journals:

1. **A. Noortheen**, N. Nagarajan and J. Devi (2017) Biodecolourization of Textile Dye Effluent by *Bacillus* and *Pseudomonas* Sp. *College Sadhana. J. Bloomers of Res.*, 9(1): 1589- 1598. (ISSN: 0974-6838).
2. A. Asia Begum, M. Ramesh, **A. Noortheen**, Hannah Sampath and B. Revathi (2007) Responses of *Cyprinus carpio* var. *communis* to Cyhalothrin, a pyrethroid insecticide. *J. Indian Fish. Assoc.*, 34:87-93. (ISSN: 0971-1422)
3. V. Maruthappan, M. Ramesh, **A. Noortheen** and K. Saraswathi (2004) Lead induced biochemical changes and recovery in a freshwater fish, *Cyprinus carpio*. *Indian J. Environ. Ecol.*, 14 (2): 70-74.
4. K. Saraswathi, M. Ramesh, V. Maruthappan and **A. Noortheen** (2004) Influence of a pyrethroid insecticide fenvalarate on secondary stress responses in a freshwater teleost fish, *Cyprinus carpio* var. *communis*. *Indian J. Environ. Toxicol.*, 14 (1): 13-18. (ISSN: 0971-2127).
5. K. Shanthi, M. Ramesh, **A. Noortheen** and K. Saraswathi (2003) Impact of Selenium toxicity on blood chemistry of a freshwater fish *Cyprinus carpio* var. *communis*. *Environ. Ecol.*, 21(1): 83-88 (ISSN: 0970-0420).
6. K. Saraswathi, M. Ramesh, K. Jayalakshmi, B. Revathy and **A. Noortheen** (2003) Haematological responses of fingerlings of *Cyprinus carpio* var. *communis* to sublethal toxicity of sodium nitrite exposure. *Aquacult.*, 4(1): 55-62. (ISSN: 0972-2262).

Research Publications in Edited Books:

Perspectives in Animal Ecology and Reproduction. Volume No: 9, Daya Publishing House®, A Division of Astral International Pvt. Ltd., New Delhi. (ISBN: 978-81-7035-829-9).

1. K. Murugan, P. Madhiyazhagan, **A. Noortheen**, T. Nataraj, D. Amerasan, K. Kalimuthu and Jiang-Shiou Hwang (2013) Novel Biopesticides for the Sustainable Management of Mosquito Vectors (Insecta: Diptera: Culicidae). Pp. 93-134.
2. K. Murugan, **A. Noortheen**, T. Nataraj, D. Amerasan, P. Madhiyazhagan, K. Kalimuthu and Jiang-Shiou Hwang (2013) Use of Biological Insecticides for the Control of Dengue Vector, *Aedes aegypti* (L.) (Insecta: Diptera: Culicidae). Pp.135-155.

Degree	Awarded	Submitted	Guiding
Ph.D.	-	-	-
M.Phil.	19	-	-
M.Sc.	39	-	-

Invited Lectures Delivered:

1. Delivered a special lecture on “How to escape from mosquito bite?”- in the Association Inaugural meeting organized by Department of Zoology, V.V. Vanniyaperumal College for Women (Autonomous), Virudhunagar on 18th August, 2016.
2. Delivered a special lecture on “How to escape from mosquito bite?”- in the Mosquito Eradication Day function organized by Department of Zoology, V.H.N.S.N. College (Autonomous), Virudhunagar on 20th August, 2016.
3. Delivered a special lecture on “Escaping from mosquito bite?”- in the PG Association Inaugural meeting organized by Department of Commerce, V.H.N.S.N. College (Autonomous), Virudhunagar on 14th February, 2017.
4. Delivered a special lecture on “Natural Remedies for Mosquito Bite”, organized by Department of Botany, VHNSN College, Virudhunagar on 18th January, 2019.
5. Delivered a special lecture on “Control of Vector borne diseases”- in the NSS Programme, VHNSN College, Virudhunagar on 29th August, 2019.
6. Delivered a special lecture on “Mosquitoes and Humans”- in the UG Microbiology Association Inaugural function organized by Department of Microbiology, VHNSN College, Virudhunagar on 24th September, 2019.
7. Delivered a Webinar lecture on “Environmental Pollinators” (As a part of Commemoration of Environmental Day), ECOCLUB, L.R.G. Government Arts College for Women, Tirupur on 5th June, 2021.

Resource Person:

Acted as Resource Person – International level:

1. Chair Person in the International Conference on “Cancer Biology: Drug and Novel therapeutics”, Department of Zoology & Chemistry, Saiva Bhanu Kshatriya College, Aruppukottai during 29th - 30th September, 2016.

Acted as Resource Persons – National level:

1. Resource Person in the on-Job-Training Programme in Cytogenetic Techniques, Unit of Human Genetics, Department of Zoology, Bharathiar University, Coimbatore during 16th - 26th May, 2005.
2. Resource Person in the National seminar on “Emerging Trends and Global Perspectives on Infectious Diseases” ETGPID '13, Department of Microbiology, Vivekananda College of Arts and Sciences for Women, Tiruchengode during 21st - 22nd February, 2013.
3. Resource Person in the National Seminar on “Cancer Biology: Drug and Novel therapeutics”, Department of Zoology, Saiva Bhanu Kshatriya College, Aruppukottai on 23rd January 2015.
4. Chair Person in the DST-SERB Sponsored National Conference on “Recent Advances in Industrial Biotechnological Skills Development”, Post Graduate and Research Department of Botany, Thiagarajar College, Madurai during 30th - 31st March, 2015.
5. Evaluator/ Resource person in the District level 26th National Children’s Science Congress-2018, K.V.S. School, Virudhunagar on 27th October, 2018.
6. Evaluator/ Resource person in the State level 26th National Children’s Science Congress-2018, KPR College, Coimbatore on 10th November, 2018.
7. Resource person in the Young Students Scientist Programme (YSSP-2018), V.H.N.S.N. College, Virudhunagar and supported by Tamilnadu State Council for Science and Technology, Chennai from 23rd December, 2018 to 6th January, 2019.
8. Resource person in the “Creation of Scientific Awareness”, V.H.N.S.N. College, Virudhunagar and supported by Tamilnadu State Council for Science and Technology, Chennai on 4th February, 2019.
9. Chair Person in the National Conference on “Latest Trends in Life Sciences”, Department of Zoology, Hajee Karutha Rowther Howdia College, Uthamapalayam on 26th September, 2019.

Co-Ordinator:**Board of Studies Member/ Ph.D Viva-voce Examiner:**

1. Chairman- UG and PG Board of Studies in Zoology, Vivekanandha College of Arts and Sciences for Women (Autonomous), Tiruchengode, Namakkal from 2010 to 2013.
2. Member- Board of studies of B.Voc. Environmental Assessment and Remediation, V.H.N.S.N. College (Autonomous), Virudhunagar from 2015 to 2017.
3. Co-ordinator for the framing of new text book committee for XI Std Zoology, appointed by Joint Director, Directorate School Education, Chennai on 25th October, 2017.
4. Subject Expert (Principal’s nominee)- PG Board of Studies of Zoology, Hajee Karutha Rowther Howdia College (Autonomous), Uthamapalayam, Theni from 23rd September, 2017 to 22nd September, 2019 (BOS meeting on 26th October, 2017).
5. Attended the Doctoral Committee Meeting in the Department of Zoology, Erode Arts and Science College, Erode on 7th April, 2018.

6. Subject Expert in the PG Board of Studies of Zoology, Hajee Karutha Rowther Howdia College (Autonomous), Uthamapalayam, Theni from 2020 to 2022. (BOS meeting on 1st February, 2020).
7. External Examiner for the Ph.D. Viva-voce examination in the Department of Zoology, Erode Arts and Science College, Erode on 18th March, 2021.
8. Subject Expert (Principal's nominee)- PG Board of Studies of Zoology, Hajee Karutha Rowther Howdia College (Autonomous), Uthamapalayam, Theni on 30th March, 2021.
9. External Examiner for the Ph.D. Viva-voce examination in the Department of Zoology, Kongunadu Arts and Science College, Coimbatore on 4th May, 2022.
10. External Examiner for the Ph.D. Viva-voce examination in the School of Biosciences and Technology, Vellore Institute of Technology, Vellore on 29th July, 2022.

Honours Achieved:

1. Best outgoing Student Award for B.Sc. (1996-1999), Vivekananda College, Madurai.
2. Best outgoing Student Award for M.Sc. (1999-2001), Vivekananda College, Madurai.

Extension Activities:

1. Participated in various concurrent N.S.S. organized programmes during 1997- 1998 and 1998-1999.
2. Participated in students tutoring programme at Narendra Primary School, Tiruvedakam West, Madurai during the academic year 1997-1998.
3. Participated in State Youth Red Cross Study Camp, Bharathiar University, Coimbatore during 27th-30th August, 1998.
4. Participated in Trekking extension programme on "Bio-Trek" to Kodaikanal and Berijiam hills on 15th February, 2000.
5. Participated in Tsunami relief work at Nagapattinam and Velankanni during 5th - 9th January, 2005 & Cuddalore and Pondicherry during 24th - 26th January, 2005.
6. Committee member in the accentuate activities of the General Library, VHNSN College, Virudhunagar on 8th November, 2021.

Others:

Reviewer in Journals:

1. Effect of pesticide endosulfan on the growth of freshwater prawn, *Macrobrachium dayanum* (153-1060-1-SM), International Journal of Pure and Applied Zoology, Rishan Publications, Madurai. (19th July, 2014).
2. Bioefficacy of essential oil from medicinal plants for controlling the filarial vector *Culex quinquefasciatus* (Diptera: Culicidae) (JOPD-D-14-00245), Journal of Parasitic Diseases, Springer. (9th December, 2014).
3. Branchial Cymothoids Infesting the Marine Food Fishes of Malabar Coast (JOPD-D-14-00264), Journal of Parasitic Diseases, Springer. (16th December, 2014).

4. The effect of plant extract on the growth of *Bulinus (physopsis) globosus* (200-1545-1-SM), International Journal of Pure and Applied Zoology, Rishan Publications, Madurai. (19th February, 2015).
5. Larvicidal and ovicidal activity of *Terminalia chebula* Retz. (Family: Combretaceae) medicinal plant extracts against *Anopheles stephensi*, *Aedes aegypti* and *Culex quinquefasciatus* (JOPD-D-15-00233), Journal of Parasitic Diseases, Springer. (21st November, 2015).

Editor in Journal:

1. International Journal of Current Science Research, BGR Publications, Thoothukudi.

Participation in Webinars:

1. Webinar on “Outcome based Assessment Strategies” organized by IQAC, VHNSN College, Virudhunagar on 18th July, 2020.
2. Two days National Webinar on “Recent Advances in Wastewater Treatment” organized by Department of Environmental Sciences, Bharathiar University, Coimbatore on 21st and 22nd July, 2020.
3. One day National level Webinar on “Microplastics- Identification, Quantification and its impact on Marine Biodiversity” organized by Department of Zoology, Aditanar College of Arts and Science, Tiruchendur on 24th July, 2020.
4. One day Webinar on “The Wonders of the Toothless Sea Giants- The Baleen Whales” organized by Marine Aquarium and Regional Centre, Zoological Survey of India, Digha, West Bengal on 24th July, 2020.
5. One day National level 5th Webinar series on “In need of behavioral change and personal hygiene” organized by Department of Zoology and Eco club of Arignar Anna Government Arts College, Namakkal on 26th July, 2020.
6. Webinar on “International day for the conservation of the Mangrove Ecosystem” organized by ENVIS Centre on Biodiversity (Fauna), Zoological Survey of India, Kolkata on 27th July, 2020.
7. One day National Webinar on “COVID-19 and its link with Environment and its biodiversity” organized by High Altitude Regional Centre, Zoological Survey of India, Solan (HP) on 28th July, 2020.
8. Virtual guest lecture on “Desert Locust Invasion in India: Issues and Priorities” organized by Department of Zoology and Eco club of Kongunadu Arts and Science College, Coimbatore on 28th July, 2020.
9. Webinar series in Animal Sciences-III on “Sustenance of Aquaculture Practice via new Technologies” organized by Department of Zoology, Nirmala College for Women, Coimbatore on 29th July, 2020.
10. Two days National Webinar on “Environmental Excellence for Excellent Human Living” organized by Department of Zoology, C. Kandaswami Naidu College for Women, Cuddalore on 29th and 30th July, 2020.
11. National level Webinar on “Human health and Infectious diseases” organized by Department of Zoology, VHNSN College, Virudhunagar on 30th July, 2020.

12. Webinar on “COVID-19 Physiological and Psychological Stress Management” organized by Department of Zoology, Presidency College, Chennai on 31st July, 2020.
13. International Webinar on “Microbial ecology of the human skin: From immunity to infection” organized by Department of Zoology, Chikkaiah Naicker College, Erode on 3rd August, 2020.
14. Webinar on “Potential Medicinal plants to Combat deadly viruses” organized by Department of Botany, Sri Meenakshi Government Arts College for Women, Madurai on 3rd August, 2020.
15. Webinar on “Youth for Environmental Sustainability” organized by NSS, V.V. Vanniaperumal College for Women, Virudhunagar on 3rd August, 2020.
16. National Webinar on “Structure and Genome of COVID 19” organized by Department of Zoology, Vivekananda College, Madurai on 31st August, 2020.
17. National Webinar on “Open Educational Resources for Learning from home” organized by Department of Zoology, Vivekananda College, Madurai on 7th September, 2020.
18. International Webinar on “Modern Trends in Infectious Diseases and Antibiotics” organized by Department of Zoology, Vivekananda College, Madurai on 12th September, 2020.
19. National Webinar on “Wildlife Management and Techniques” organized by Department of Zoology, Chikkaiah Naicker College, Erode on 5th October, 2020.
20. National Wildlife Week 2020 Webinar on “Introduction to the World of Butterflies” organized by Department of Zoology, VHNSN College, Virudhunagar in association with Rhopalocera and Odonata Association of Rajapalayam (ROAR) on 8th October, 2020.
21. Virtual Workshop on “Advanced PCR Techniques” organized by Department of Zoology, VHNSN College, Virudhunagar on 10th February, 2021.
22. International Webinar on “Waste to Wealth” organized by Department of Zoology, Ayya Nadar Janaki Ammal College, Sivakasi on 8th June, 2021.
23. Webinar on “Role of Biodiversity in Food Safety” organized by Department of Biochemistry, Vivekanandha Arts and Science College for Women, Sankari, Salem on 9th June, 2021.
24. Webinar on “People Participation on Prevention of the ongoing Pandemic of CORONA (COVID 19) in India” organized by NSS, VHNSN College, Virudhunagar on 10th June, 2021.
25. Webinar on “Fish Diversity: Threats and Conservations” organized by Department of Zoology, Aditanar College of Arts and Science, Tiruchendur on 18th June, 2021.
26. National Webinar on “COVID-19 Epidemiological and Scientific Perspectives” organized by Department of Zoology, Pachaiyappa’s College, Chennai on 19th June, 2021.

27. Six Days National Level Faculty Development Programme on “Digital Teaching Methods in Higher Education” organized by Department of Commerce with Computer Applications, Hindusthan College of Arts and Science, Coimbatore from 23rd August to 28th August, 2021.

Question Paper Setter in Colleges/ Universities:

1. Alagappa University, Karaikudi.
2. APA College for Women (Autonomous), Palani.
3. Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi.
4. G.T.N. Arts College (Autonomous), Dindigul.
5. Government Arts College (Autonomous), Coimbatore.
6. Hajee Karutha Rowther Howdia College (Autonomous), Uthamapalayam.
7. Jamal Mohamed College (Autonomous), Trichy.
8. Lady Doak College (Autonomous), Madurai.
9. Madras University, Chennai.
10. Manonmaniam Sundaranar University, Tirunelveli.
11. Meenakshi College for Women (Autonomous), Kodambakkam, Chennai.
12. Meenakshi Government College for Women (Autonomous), Madurai.
13. Nehru Memorial College (Autonomous), Puthanampatti, Trichy.
14. NGM College (Autonomous), Pollachi.
15. PSG College of Arts and Science (Autonomous), Coimbatore.
16. Pope’s College (Autonomous), Sawyerpuram, Thoothukudi.
17. Sadakathulla Appa College (Autonomous), Tirunelveli.
18. Sri A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur.
19. Sri G.V.G. Visalakshi College for Women (Autonomous), Udumalpet.
20. Sri Ramasamy Naidu Memorial College (Autonomous), Sattur.
21. Sri Sarada College for Women (Autonomous), Salem.
22. St. Mary’s College (Autonomous), Thoothukudi.
23. St. Xavier’s College (Autonomous), Palayamkottai.
24. Vivekananda College (Autonomous), Tiruvedakam West, Madurai.
25. Vivekanandha College of Arts and Sciences for Women (Autonomous), Tiruchengode, Namakkal.