

BIO-DATA - BRIEF



1. Name : Dr. J. PANDIYAN
2. Nationality : Indian
3. Designation : Assistant Professor
4. Department : Zoology and Wildlife Biology
5. College : A.V.C. College (Autonomous)
6. Educational Qualifications : M.Sc., M.Phil., Ph.D.
7. Number of NPTEL/SWAYAM courses : 02
8. Total Teaching Experience : 17 Years
9. Total Research Experience : 15 Years
10. Research Projects (UGC/DST/DBT) : 03
11. Total Research papers Published : 91
 - a. Full Research Papers published : 39
 - b. Research papers as proceedings : 13
 - c. Popular Articles : 02
 - d. Popular articles in daily papers : 02
 - e. Research Papers presented in Sem/Conf.: 28
 - f. Book chapter : 01
 - g. Abstracts Published Int. Conf./Sem. : 06 (Abstracts only with ISBN No.)
12. Total Impact Factor Earned : 22.51 (Thompson Reuters only)
13. Number of seminar/conferences attended : 43
14. As Journal Reviewer : 05
15. Ph.D. produced : 03
16. Ph.D. under guidance : 05
17. M.Phil. Produced : 07
18. PG dissertation guided : 19
19. Field and special training completed : 30
20. Invited talk and acted as Resource Person : 16
21. Seminar organised : 02
22. Academic awards received : 16 (including Young Scientist Award)
23. As examiner in Colleges (UG/PG/Ph.D.) : 13
24. As examiners in Universities (UG/PG/Ph.D.) : 04
25. Membership in professional bodies : 06
26. Visits foreign universities : 04
27. DNA sequences submitted in Genbank : 15
28. Protein sequences submitted in Genbank : 15

RESUME

Name : Dr.J.PANDIYAN
Nationality : INDIAN
Designation : Assistant Professor
Department : Zoology and Wildlife Biology
College : A.V.C. College (Autonomous)



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Educational Qualifications

S. No.	Degree	Institution	Year	Subjects	Percentage
1	B.Sc.	AVC College Mannampandal	1997	Zoology	72.5% (Gold Medalist)
2	M.Sc.	AVC College Mannampandal	1999	Wildlife Biology	76% (Gold Medalist)
3	M. Phil.	Bharathidasan University	2001	Zoology	80 %
4	Ph.D.	Bharathidasan University	2004	Wildlife Biology	Commended
5	Dip. Int.Bio,Tech.	Annamalai University	2006	Industrial Biotechnology	First class
6	Certificate course- NPTEL	IIT, Kanpur	2019	Introduction to Professional Scientific Communication	60% (Elite)
7	Certificate course- NPTEL	IIT, Kanpur	2019	Wildlife Ecology	80% (Elite –Silver)

Research Projects - Completed and Ongoing

S. No.	Title of the Project	Duration	Amount Sanctioned	Funding Agency
1	Spatial and Temporal Fluctuations of Benthic Prey and its Influence on Shorebirds Population Dynamics in the Salt Pans of East Coast of Tamil Nadu, Southern India	2012-15	08,97,800.00	UGC, New Delhi.
2	Evaluation of heavy metals in selected shorebirds, habitats and their prey species in east coast of southern India	2014-17	14,65,000.00	DST, New Delhi Young Scientist Research Award
3	Systematics, biological characters and behaviour of aquatic invertebrate species	2018-20	08,00,000.00	DBT, New Delhi Indo-US Research Project

List of Research Publications

1. Elanchezian, K., Gokulakrishnan, J., **Pandiyan, J.**, Elumalai, K., Balu Selvakumar, Krishnappa, K and Deepa, J..(2019a). Botanical extracts of *Tinospora malabarica* indian medicinal plant against *Spodoptera litura*, *Helicoverpa armigera* and *Achaea janata* (Lepidoptera:Noctuidae). *J. Eme. Tech. Inn. Res.* 6(2); 140- 153. (UGC Approved Journal).
2. Elanchezian, K., Gokulakrishnan, J., **Pandiyan, J.**, Elumalai, K., Balu Selvakumar, Krishnappa, K and Deepa, J.. (2019b). Antifeedant activity of *Tinospora malabarica* (Lam.) Miers (Menispermaceae) extracts against important field pests *Spodoptera litura* (Lepidoptera: Noctuidae). *J.Eme.Tech. Inno. Res.* 6(2); 154- 166. (UGC Approved Journal).
3. **Pandiyan J.**, Jayakumar S., Elumalai K., Krishnappa K. 2019. Chemical composition and mosquitocidal properties of Indian medicinal plant *Loranthos pentandrus* Linn. (Loranthaceae) against dengue vector, *Aedes aegypti* malarial vector, *Anopheles stephensi* and filarial vector, *Culex quinquefasciatus* (Diptera:Culicidae). Manuscript number jvbd-245-17, is accepted for publication in the *Journal of Vector Borne Diseases*. (IF=0.886), ICMR-Publication.
4. Kaliyamoorthy Krishnappa, **Jeganathan Pandiyan**, Kuppusamy Elumalai, Samidurai Jayakumar and Jayabal Gokulakrishnan. GC-MS analysis and mosquitocidal activities of essential oils against dengue vector. 2019. Manuscript number APJTM- 426- 18, is accepted for publication in the journal of *Asian Pacific Journal of Tropical Medicine*. (IF= 1.634), ICMR- Publication.
5. Kavitha G., Gokulakrishnan **J.**, **Pandiyan J.**, Elumalai K., Balu Selvakumar., Elanchezian K and Krishnappa K. 2018. Pesticidal activity of indian medicinal plants against red flour beetle *Tribolium castaneum* (Herbst, 1797) (Coleoptera: Tenebrionidae). *International Journal of Current Advanced Research*. 17 (6); 13440-13445. (UGC Approved Journal).

6. Krishnappa K, **Pandiyan J**, Paramanandham J, Elumalai K. 2018. Antibacterial and mosquitocidal potentials of selected Indian medicinal plants extract and synthesized silver nanoparticles. *International Journal of Zoology Studies*. 3(4); 2018; 15-25.
7. Kavitha G., Gokulakrishnan J., **Pandiyan J.**, Elumalai K., Balu Selvakumar., Elanchezhian K and Krishnappa K. 2018. Mosquitocidal activity of *Plumbago zeylanica* linn. (Plumbaginaceae) methanol extract against human vector mosquitoes. *International Journal of Recent Scientific Research*. 9(6); 27683-27689. (UGC Approved Journal).
8. Zachariah, A., P. K. Sajesh, S. Santhosh, C. Bathrachalam, M. Megha, **J. Pandiyan**, M. Jishnu, R. S. Kobragade, S. Y. Long, J-C Zong, E. M. Latimer, S. Y. Heaggans, G. S. Hayward. Extended genotypic evaluation and comparison of twenty-two cases of lethal EEHV1 hemorrhagic disease in wild and captive Asian elephants in India. 2018. *PLoS One*. 13(8): e0202438. doi.org/10.1371/journal.pone.0202438. (IF=2.76)
9. Zachariah, A., Z, **Pandiyan, J.**, Madhavilatha, G.K., Mundayoor, S., Chandramohan, B., Sajesh, P.K., Santhosh, S and Mikota, S.K. 2017. *Mycobacterium tuberculosis* in Wild Asian Elephants, Southern India. *Journal of Infectious in Emerging Disease*. 23(3): 504–506. 10.3201/eid2303.161741 (IF= 7.42)
10. Yogaraj Panner, Kalaivanan, N., Pandiyan, J. 2017. Studies on Status and Distribution of Lion-Tailed Macaque (*Macaca Silenus*) in Meghamalai Wildlife Sanctuary, Tamil Nadu, India. *Int. J. Life Science Research*. Vol. 5, Issue 3, pp: (136-146)
11. Agoramoorthy, G. and **J. Pandiyan**. 2016. Toxic pollution threatens migratory shorebirds in India. *Environ Sci Pollut Res Int*. 23(15):15771-2. doi: 10.1007/s11356-016-7021-6. Epub 2016 Jun 7. (IF =2.8)
12. Agoramoorthy, G. and **J. Pandiyan**. 2016. Enhancing ethical sensitivity in Indian science. *Current Science*. Vol. 110, 2016 (IF =0.9)
13. Selvaraj, K., **Pandiyan, J.**, Yoganandan V., Agoramoorthy, G. 2016. India contemplates climate change concerns after floods ravaged the coastal city of Chennai. *J Coastal and Ocean management*. 129 (2016) 10-14 (IF = 2.27).
14. Laxmi Narayanan and **Pandiyan, J**. 2016. Four Insectivorous Birds in Search of Foraging Niche in and Around an Agricultural Ecosystem of Nalgonda District of Telangana, India., *Ambient Science*. 2016: Vol. 03 (1).
15. Vaithiyanathan and **Pandiyan J**. 2016. Spatial and temporal variations of the density of spot-billed pelican *Pelecanus philippensis* in Pulicat lake, east coast of southern India. *International Journal of Pure and Applied Zoology* (2016) Volume 4, Issue 1.
16. **Pandiyan, J** and S. Asokan. 2015. Habitat use of pattern of tidal mud and sandflats by shorebirds (charadriiformes) Wintering in southern India. *J. of Coast. Conser.* Doi10/1007/11852-015-0413-9. (IF=1.16)
17. Mohanraj, S. and **J. Pandiyan**, 2015. Aerial foragers in the periyakulam lake, Tiruchirappalli District, Tamil nadu, Southern India. *J. Pure and Applied Zoology*. Vol 3(3): 267-273
18. Laxi Narayana, B., Vasudeva Rao and **J. Pandiyan**, 2015. Avifaunal diversity in different crop lands of Nagaland District, Telungana, Southern India. *J. of Curr. Res*. Vol7(7): 17677-17682
19. Mohanraj, S. and **J. Pandiyan**, 2015. Seasonal diversity of diving birds in the Periyakulam Lake, Tiruchirappalli, Tamil Nadu, India. *J. Sci. Trans. & Env. Tech*. Vol9(3): 132-135
20. **Pandiyan, J**. 2014. Climate change and status of migratory shorebirds. *J. Sci. Trans. & Env. Tech*. Vol. 7(4): 211-213
21. **Pandiyan, J** and R. Nagarajan. 2014. Agricultural wetlands as alternate habitat for waterbirds. *J. Sci. Trans. & Env. Tech* Vol. 7(3): 154-157,
22. Kannaiyan, S. and **J. Pandiyan**. Nesting behaviour of *Psittacula krameri* (L). *J. Sci. Trans. & Env. Tech*. Vol. 7 (4): 201-204

23. Mohanraj, S. and **J. Pandiyan**, 2015. Invasion of shorebirds into inland wetlands of Periyakulam Lake, Tiruchirappalli, Southern India. *J. Sci. Trans. & Env. Tech.* Vol. 7 (3): 113-117
24. Laxmi Narayana, B., V. Vasudeva Rao and **J.Pandiyan**. 2013. Avifaunal assemblages in relation to different croplands/habitats of Nalgonda District, Andhra Pradesh, India. *IJLBPR*. Vol II (2): 211-222.
25. **Pandiyan, J.**, B.Naresh and R. Nagarajan.2013. Spatial variations of shorebird community in the saltpans of east coast of southern India. *J. of Sc. Tran. & Env. Tech.* Vol 7(1): 51-58
26. **Pandiyan, J.**, B.Naresh and R. Nagarajan.2013. Temporal variations of shorebird and benthic community in the saltpans of east coast of southern India. *J. Pure and Applied Zoology*. Vol 2(1): 51-58
27. Krishnakumar, B.M and **J.Pandiyan**. 2013. Community structure of reptiles of south-east coast of India. *Cobra*. Vol. VII (1): 11-20.
28. Kannan, V. and **J. Pandiyan**. 2013. A review on spotbilled pelican (*Pelecanus philippensis*) literature. *Front. Biol.* DOI 10.1007/s11515-013-1252-4. (IF= 0.9)
29. Kannan, V. and **J. Pandiyan**. 2012. Nesting Ecology of the Spot-Billed Pelican (*Pelecanus philippensis*) in Southern India. *World Journal of Zoology* 7 (4): 295-302. (Thomson Reuters | Home)
30. Kannan, V. and **J. Pandiyan**. 2012. Shorebirds (Charadriidae) of Pulicat Lake, India with Special Reference to Conservation. *World Journal of Zoology* 7 (3): 178-191. (Thomson Reuters | Home)
31. Buddi Laxmi Narayana, **Jeganathan Pandiyan** and V.Vasudeva Rao 2011. Checklist of avifauna in the agricultural ecosystem of Sherpally, Nalgonda District, Andhrapradesh, South India, *Birdwatchers' Newsletter* 51(1): 8-12.
32. Kannan, V and **J.Pandiyan**. 2010. Pulicat Threatened Lake of the Year 2010. *Current Science*. 99 (11): 1496-1497. (Impact Factor 0.9)
33. **Pandiyan, J.**, S.Asokan and R.Nagarajan, 2010. Habitat utilization of migratory shorebirds at the stop over sites of southern India, *Journal of Stilt (Australia)*. Vol 58: 36-44 (Thomson-Reuters|Home)
34. Remesh Pennamarareddy., K. Prabakar and **J.Pandiyan**. 2009. Sorting out of interference in detection of endotoxins in biotherapeutic drugs. *Indian Journal of Scientific Technology*. Vol.2(11): 20-22. (IF=0.7)
35. Remesh Pennamarareddy., K. Prabakar and **J.Pandiyan**. 2009. Determination of NID factor in cephalosporin antibiotics Vol.2(11): 40-43. (IF=0.7)
36. **Pandiyan, J** and S. Asokan. 2007. Abundance and Distribution of Plovers in the Pazhaiyar Tidal flat of southern India, *International Journal Ecobiology*. Vol.18 (2): 145-52
37. **Pandiyan, J** and S. Asokan. 2007. Patterns of association and habitat use by migrating shorebirds on intertidal mudflats of Thirumullaivasal estuary, southern India, *International Journal Ecotoxicology & Environmental. Monitoring*. Vol.18 (3): 259-265
38. **Pandiyan, J**. 2007. DNA Barcoding of shorebirds and Taxonomy, *International Journal Ecotoxicology & Environmental. Monitoring* Vol 18 (4) 218-220.
39. **Pandiyan, J.**, S. Asokan, K. Thiyagesan, and R. Nagarajan. 2006. Shorebirds use of tidal flats in the Cauvery Delta region of SE India. *Wader Study Group Bull. United Kingdom*. 109: 95-105. (Thomson-Reuters|Home)

40. Pandiyan, J. and Saravanamuthu, R. 2017. Interrelation of microbial and meiofaunal communities in the coastal sediments of Rameshwaram. In: International Seminar on Microbes, Microbial Process and Products, held at STET Women's College, Sundarakkottai, Mannargudi, Tamil Nadu, India, on 12th September, 2017. Page No. 25. ISBN: 978-93-84008-16-1
41. Rajendran Jegatheesan and Jeganathan Pandiyan. 2017. Diversity of benthic forms in the Pichavaram Mangrove forest, Tamil Nadu, India. In: **International conference on current challenges in conservation of biodiversity (Int4CB-2017)** held at the Dept. of Zoology & Wildlife Biology, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, 609 305 on from 16th to 18th February 2017. *Abstract only*. Page No. 85-86. ISBN 938444623-8.
42. Ganesan Karthikeyan and Jeganathan Pandiyan. 2017. Diversity of migratory shorebirds under the influence of the salt pans in Kodikkarai, Tamil Nadu, India-A case study. International conference on current challenges in conservation of biodiversity (Int4CB-2017) held at the Dept. of Zoology & Wildlife Biology, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, 609 305 on from 16th to 18th February 2017. *Abstract only*. Page No. 85-86. ISBN 938444623-8.
43. Mohanraj, S. and J. Pandiyan. 2017. Ecology of micro and macro invertebrate species found in periyakulam lake, Thiruchirappalli, Tamil Nadu, India. **International conference on current challenges in conservation of biodiversity (Int4CB-2017)** held at the Dept. of Zoology & Wildlife Biology, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, 609 305 on from 16th to 18th February 2017. *Abstract only*. Page No. 85-86. ISBN 938444623-8.
44. Pandiyan, J., B. Naresh and R. Nagarajan. 2013. Salt Pans – alternate foraging and roosting habitats for waterbirds. Jayabal R, Babu S, Quadros G, Arun P R, Kumara H N and Azeez PA (Eds) 2013. Ecosystem services and functions of Birds. Proceedings of the Second International Conference on Indian Ornithology, 19-23 November. Salim Ali Centre for Ornithology and Natural History, Coimbatore, India. 232 pp. ISBN 81-902136-0-4.
45. Kannan, V. and J. Pandiyan. 2013. Pulicat Lake, a perspective birdwatching ecotourism destination. 2013. . Jayabal R, Babu S, Quadros G, Arun P R, Kumara H N and Azeez P A (Eds) 2013. Ecosystem services and functions of Birds. Proceedings of the Second International Conference on Indian Ornithology, 19-23 November. Salim Ali Centre for Ornithology and Natural History, Coimbatore, India. 232 pp. ISBN 81-902136-0-4
46. Kannaiyan, S. and J. Pandiyan. Inter and intrasexual variations of nesting behaviour of Indian rose ringed parakeet *Psittacula krameri* . 2013. . Jayabal R, Babu S, Quadros G, Arun P R, Kumara H N and Azeez P A (Eds) 2013. Ecosystem services and functions of Birds. Proceedings of the Second International Conference on Indian Ornithology, 19-23 November. Salim Ali Centre for Ornithology and Natural History, Coimbatore, India. 232 pp. ISBN 81-902136-0-4
47. Pandiyan, J., S. Vinoth and R. Nagarajan. 2013. Seasonal variations of polychaete diversity, east coast of Tamilnadu, Southern India. Proceedings of National Conference on Biodiversity: Status and challenges in conservation 'Edited by P.N. Kurve, Goldin Quadros and V.U. Somani. Published by Dept. of Zoology and Environmental Science, VPM's B.N. Bandodkar College of Science, Thane. 2013 pp. 262. ISBN 978-81-923628-1-6
48. Pandiyan, J., K. Thiyagesan and R. Nagarajan. 2011. Abundance and distribution pattern of Indian Little cormorant (*Phalacrocorax niger*) in seasonally dynamic lakes of Cauvery Deltaic Region of Southern India. Edited by V FAVEO 2013 and Erden *et al.* In: Proceedings 7th International Conferences on Cormorants, Villeuveve,

Switzerland 23-26 November 2005, *Wetlands International, IUCN Cormorant Research Group, Lelystad*.

49. **Pandiyam, J.**, S.Asokan and R.Nagarajan, 2011. "Sea level rise and shorebirds", edited by Sasireka *et al*, Proceedings of the International Conference on Impacts of climate change on Coastal Ecosystem (ICC-ECO11-12th of November2011) at Sathyabama University, Chennai, Tamil Nadu.
50. Buddi Laxmi Narayana, **Jeganathan Pandiyan** and V.Vasudeva Rao 2011. Afifaunal Diversity in Different croplands in Nalgonda District, Andhra Pradesh, Southern India. Eds. Bupathy *et al*. In: Conservation of Indian Birds, Sálím Ali Centre for Ornithology and Natural History, Coimbatore. Pp 342.

Research papers as proceedings in seminar/conference -National

51. Pandiyan, J. 2017. Present status of herbal medicine, National seminar on herbal drug development on 22th September 2017, STET Women's College, Sundarakkottai, Mannargudi, Tamil Nadu, India (ISBN -)
52. **Pandiyan, J.**, S. Asokan and R. Nagarajan. 2010. Factors influencing the water bird community with reference to coastal wetlands of Southern India, Pages 149-167, In: Climate change and future security (Edited by J. Boniface, F.P. Xavier, M. Selvanayagam and J.M. Shyla) by Loyola Institute of Frontier Energy (LIFE), Loyola College, Chennai
53. **Pandiyan, J.**, S.Vinoth and R.Nagarajan. 2013. Seasonal variations of polychaete diversity, east coast of Tamilnadu, southern India. National conference on Biodiversity: Status and challenges in conservation. *FAVEO 2013*. 139-143 p. ISBN: 978-81-923628-1-6.

Research papers as popular articles

54. Kannan ,V and **J. Pandiyan**, 2012. Spot Billed Pelican Future Uncertain? *Science Reporter*. 48 (8) 56-57
55. **Pandiyan, J.**, .Asokan. K. Thiyagesan and R. Nagarajan, 2010. Global warming and consequences of coastal life. *Science Reporter* . 47 (12): 16-17

Research papers presented in International seminar/conferences

56. **Pandiyan, J.**, K. Thiyagesan and R. Nagarajan. 2006. Impact of Tsunami and the consequences of shorebirds in the Tamil Nadu Coastal regions, southern India, attended and presented, International conference on Conservation Science, 2006, **University of Cambridge, United Kingdom**, during 26-30 March 2006.
57. **Pandiyan, J.**, R. Nagarajan. K. Thiyagesan, and S. Asokan. 2006. The Conflicts between the shorebirds and human activities of east coast of Tamil Nadu, southern India, attended and presented, International Conference on Wildlife and Conflicts, Centre for Environmental Research, Leipzig, Halle, **Germany**, during 26-31 January 2006
58. **Pandiyan, J.** S.Asokan and R. Nagarajan. 2006. "Abundance of prey and shorebird distribution" in National level conference on Emerging Trends in Life Science, Bishop Heber College (Autonomous), Trichy, Tamil Nadu, India
59. **Pandian, J.** S. Asokan, K. Thiyagesan and **R. Nagarajan**. 2004. "Factors Influencing the shorebird habitat of Thirumullivasal mudflats, Tamil Nadu, Southern India" in National Symposium on Recent Trends in Environmental Biology and Biotechnology

at Department of Zoology and Biochemistry, Government College (Autonomous), Kumbakonam during 26, 27, 28 July 2004.

60. **Pandian, J. S.** Asokan, K. Thiyagesan and **R. Nagarajan.** 2004. "Factors Influencing the shorebird behaviour with reference to coastal wetlands of Southern India" in National Symposium on Recent Trends in Environmental Biology and Biotechnology at Department of Zoology and Biochemistry, Government College (Autonomous), Kumbakonam during 26, 27, 28 July 2004

Book Chapter

- **Pandiyan, J.,** M.Sandeep, and A.Desai. 2018. Habitat Use of Nilgiri Tahr *Nilgiritragus hylocrius* in Western Ghats, India. In: Indian Hotspots Vertebrate Faunal Diversity, Conservation and Management. Eds: Sivaperuman ,C., and K. Venkataraman. Springer Publication. Pages 241-250.

Papers presented and published in Symposia/Seminars/Conferences

1. **Pandiyan, J** and G.Karthikeyan, 2019. Foldscope: New and vital instruments for field based research. One day State level Seminar on Recent Trends in Advanced Biosciences (TRABS-2019), Poompuhar College (Autonomous), Melaiyur, Poompuhar.
2. Mosquitocidal activity of indigenous plant *Pedaliium murex* against human vector mosquitoes. In: One Day State Level Seminar on Recent Trends In Advanced Bio-Sciences (RTABS-2019). P.G. and Research Department of Zoology, Poompuhar College (Autonomous), melaiyur -609107 on 9th January 2019.
3. GC-MS analysis and mosquitocidal activities of *Pogostemon cablin* against vector mosquitoes. In: One Day State Level Seminar on Recent Trends In Advanced Bio-Sciences (RTABS-2019). P.G. and Research Department of Zoology, Poompuhar College (Autonomous), melaiyur -609107 on 9th January 2019.
4. *Melissa officinalis*- borne compounds as novel pesticides: effectiveness against medical pest and agricultural pest. In: One Day State Level Seminar on Recent Trends In Advanced Bio-Sciences (RTABS-2019). P.G. and Research Department of Zoology, Poompuhar College (Autonomous), melaiyur -609107 on 9th January 2019.
5. Bioefficacy of *Tinospora malabarica* leaf extract against *Spodoptera litura*, *Helicoverpa armigera* and *Achaea janata* (Lepidoptera: Noctuidae). In: One Day State Level Seminar on Recent Trends In Advanced Bio-Sciences (RTABS-2019). P.G. and Research Department of Zoology, Poompuhar College (Autonomous), melaiyur -609107 on 9th January 2019.
6. Pandiyan, J. Elumalai, K., Krishnappa K., 2018. Mosquitocidal activity of *Polygala arvensis* Willd against *Aede saegypti* (Linn.), *Anophele stephensi* (Liston) and *Culex quinquefasciatus* (Say.) (Diptera :Culicidae). In: Zoology Congress 2018, held at P.G. and Research Department of Zoology, St. Xavier's College (Autonomous), Palayamkottai, Thirunelveli on 10 - 12th January 2018.
7. Krishnappa K., Elumalai, K., Jayakumar, S., Paramanandham, J., Duraimurugan, V., Pandiyan, J. 2018. Botanical extracts of *Celosia argentea* and *Anthocephalus cadamba* against agricultural polyphagous field pest *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). Zoology Congress held at P.G. and Research Department of Zoology, St. Xavier's College (Autonomous), Palayamkottai, Thirunelveli on 11th January 2018.
8. Mosquitocidal activity of *Polygala arvensis* Willd against *Aede saegypti* (Linn.), *Anophele stephensi* (Liston) and *Culex quinquefasciatus* (Say.) (Diptera :Culicidae). In: Zoology

- Congress 2018*, held at P.G. and Research Department of Zoology, St. Xavier's College (Autonomous), Palayamkottai, Thirunelveli on 10 - 12th January 2018.
9. Botanical extracts of *Celosia argentea* and *Anthocephalus cadamba* against agricultural polyphagous field pest *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). In: *Zoology Congress 2018*, held at P.G. and Research Department of Zoology, St. Xavier's College (Autonomous), Palayamkottai, Thirunelveli on 10 - 12th January 2018.
 10. Study on Performance evaluation of Bhendi *Abelmoschus esculentus* in coir pith after subjected to different treatments. In: *Zoology Congress 2018*, held at P.G. and Research Department of Zoology, St. Xavier's College (Autonomous), Palayamkottai, Thirunelveli on 10 - 12th January 2018.
 11. **Pandiyan, J.** 2017. Present status of herbal medicine, National seminar on herbal drug development on 22th September 2017, STET Women's College, Sundarakkottai, Mannargudi, Tamil Nadu, India.
 12. **Pandiyan, J.** 2017. Interrelationship of microbial and meiofaunal communities, International seminar on microbes, microbial processes and products on 12th September 2017, STET Women's College, Sundarakkottai, Mannargudi, Tamil Nadu, India.
 13. Krishnakumar, S. and **J. Pandiyan.** 2012. Diversity of herpatofauna of east coast of Tamilnadu, UGC Sponsored National Seminar on "Biodiversity and conservation" 2012, AVC College, Mannampandal, Mayiladuthurai, Tamilnadu
 14. Eswari, K and **J. Pandiyan.** 2012. Habitat utilization of birds, UGC Sponsored National Seminar on "Biodiversity and conservation" 2012, AVC College, Mannampandal, Mayiladuthurai, Tamilnadu
 15. Vinoth, S., **J. Pandiyan** and R. Nagarajan, 2011. Abundance of benthic prey of east coast of Tamilnadu, Southern India, UGC Sponsored National Seminar on "Emerging trends in conservation science" 2011, AVC College, Mannampandal, Mayiladuthurai, Tamilnadu
 16. **Pandiyan, J.** and R. Nagarajan. 2010. Sea level rise a holocaust to migratory shore birds, Indian Biodiversity Congress, 2010, University of Kerala, Kerala, India.
 17. **Pandiyan, J.,** K. Thiyagesan and R. Nagarajan. 2006. Impact of Tsunami and the consequences of shorebirds in the Tamil Nadu Coastal regions, southern India, attended and presented, International conference on Conservation Science, 2006, **University of Cambridge, United Kingdom**, during 26-30 March 2006.
 18. **Pandiyan, J.,** R. Nagarajan. K. Thiyagesan, and S. Asokan. 2006. The Conflicts between the shorebirds and human activities of east coast of Tamil Nadu, southern India, attended and presented, International Conference on Wildlife and Conflicts, Centre for Environmental Research, Leipzig, Halle, **Germany**, during 26-31 January 2006
 19. **Pandiyan, J.** S. Asokan and R. Nagarajan. 2006. "Abundance of prey and shorebird distribution" in National level conference on Emerging Trends in Life Science, Bishop Heber College (Autonomous), Trichy, Tamil Nadu, India
 20. **Pandiyan, J.** S. Asokan and R. Nagarajan, 2006. East coast of Tamilnadu and shorebird conservation, in National level conference on Emerging Trends in Life Science, Bishop Heber College (Autonomous), Trichy, Tamil Nadu, India
 21. **Pandian, J.** S. Asokan, K. Thiyagesan and **R. Nagarajan.** 2004. "Factors Influencing the shorebird habitat of Thirumullivasal mudflats, Tamil Nadu, Southern India" in National Symposium on Recent Trends in Environmental Biology and Biotechnology at Department of Zoology and Biochemistry, Government College (Autonomous), Kumbakonam during 26, 27, 28 July 2004.
 22. **Pandian, J.** S. Asokan, K. Thiyagesan and **R. Nagarajan.** 2004. "Factors Influencing the shorebird behaviour with reference to coastal wetlands of Southern

India” in National Symposium on Recent Trends in Environmental Biology and Biotechnology at Department of Zoology and Biochemistry, Government College (Autonomous), Kumbakonam during 26, 27, 28 July 2004

23. Attended and presented a paper on “Waterbird use of Unprotected Mudflats in Nagai District, Tamil Nadu, Southern India at Point Calimere Wildlife Sanctuary, Kodayakkarai, during 1999.

Articles in Daily Papers

20. Bird species new to Mangrove forest found in Daily Hindu New Paper, 29.04.15
21. Indian Skimmer sighted at Point Calimere Wildlife Sanctuary, in Daily Hindu News Paper on 26.12.2014

SYMPOSIA/SEMINARS/WORKSHOPS/CONFERENCES ATTENDED

1. National conference on Ecological Festival of Western Ghats-2019, Organized by Save Western Ghats and Osai, NGO, Coimbatore, Tamil Nadu, India during 1st February to 3rd February, 2019.
2. One state level seminar on HR Trends and Innovation in 2K19, at STET Women’s College, Sundarakkottai, Mannaragudi, on 27th February, 2019.
3. International Conference on Coastal and Marine Biodiversity and Conservation (ISCMBC-2018), CES in Marine Biology, Annamalai University, Parangipettai from 15th to 16th March 2018.
4. Seminar on New Techniques in Environmental Cleaning, Organized by the Department of Environmental Sciences, Tamil University, Thanjavur on 29.05.2017
5. Workshop on “How to plan, Draft and complete the research problem” at STET Women’s College, Sundarakkottai, Mannaragudi on 5th May 2017.
6. Workshop on “Effective scientific paper writing” at STET Women’s College, Sundarakkottai, Mannaragudi on 5th May 2017.
7. Workshop on “Speaking skills” at STET Women’s College, Sundarakkottai, Mannaragudi on 18th April 2017.
8. Seminar on “Education Psychology for Effective Teaching” at STET Women’s College, Sundarakkottai, Mannaragudi on 12th April 2017.
9. Workshop on “Communication skills” at STET Women’s College, Sundarakkottai, Mannaragudi on 11th April 2017.
10. National Seminar on Herbal Drug Development held at STET Women’s College, Sundarakkottai, Mannaragudi on 22nd September 2017.
11. International seminar on microbes, microbial processes and products, held at STET Women’s College, Sundarakkottai, Mannaragudi on 12th September 2017.
12. International Conference on Current Challenges in Conservation of Biodiversity held at A.V.C. College (Autonomous), Mannampandal, India. 16th to 18th February 2017
13. National Workshop on “**Lab to Land Techniques**” from 10.01.2012 to 13.01.2012 held at Department of Zoology, at, A.V.C.College(Autonomous), Mannampandal, Mayiladuthurai-609 305.
14. National Seminar on “**Conservation of Nature Resources**”, NASCON 2012 held on 16th & 17th March, 2012 at Department of Zoology, A.V.C.College(Autonomous) Mayiladuthurai-609 305

15. A.V.C.College(Autonomous), Mayiladuthurai-609 305.
16. National Seminar on “**Current Status and Future Perspectives of Research in Biological Sciences**” held on 9th January 2012 at Department of Zoology, A.V.C.College (Autonomous) Mayiladuthurai-609 305.
17. National Seminar on “**Emerging Trends in Conservation Science**” held on 22nd & 23rd March 2011 at Department of Zoology, A.V.C.College (Autonomous), Mannampandal Mayiladuthurai-609 305.
18. Seminar on “**Recent Trends in Biodiversity Conservation**” held at, Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Mannampandal, on 7th March 2009.
19. Attended an International Conference on Wildlife and Conflicts, at Centre for Environmental Research, Leipzig, Halle, **Germany**, during **24-01-2006 and 27-01-2006**
20. Attended the Student Conference on Conservation Science, **University of Cambridge**, Downing Street Cambridge CB2 3EJ, London, during **28 -30 March 2006**.
21. Attended and presented a paper on Indian Little Cormorant, at International Conference on Cormorant Research Group, **Switzerland** between **24-11-2005 and 27-11-2005**.
22. Attended and presented paper on “ Sea level rise and shorebirds” at International conference on “Climate change and Coastal Ecosystem”, Sathyabama University, Chennai, India, during November 2012.
23. Attended and presented paper on “ Avifaunal diversity of birds at Nilkonda District, Andharapradesh, at “International Conference on Indian Birds”, SACON, Coimbatore, Tamil Nadu, India.
24. Attended International Conference on Bioinformatics for Biodiversity, Annalai University, during 2-4 January 2010, India.
25. National level conference on “Conservation Biodiversity” sponsored by UGC, , A.V.C. College, Mannampandal, Mayiladuthurai during March 2012.
26. National level conference on “Emerging trends on life sciences” sponsored by UGC, , A.V.C. College, Mannampandal, Mayiladuthurai during March 2011.
27. National level conference on Global change and future security, sponsored by UGC, at Lyola College, Chennai, during 2-4th January 2010.
28. National level workshop on DNA barcoding of Marine organisms at Centre for Advanced Studies, Portnova, during October 2009.
29. Workshop on Ph.D. Research Guides, Central University, Pondichery, during 10th and 11th October 2009.
30. National level seminar on Recent Trends in Biosciences, conducted by School of Biological Sciences, Annai College of Arts and Science, Kumbakonam, during 2007.
31. National level Seminar on Emerging Trends in Life Sciences, 2006, by Department of Zoology, Bishop Heber College during 2006.
32. Attended a one day Workshop on Environmental Participatory Mapping, Bishop Heber College (Autonomous), Thiruchirappalli-17, during 11th February 2006.
33. Attended TANSCH and UGC Sponsored three days workshop on Curriculum Development and Evaluation, organized by Academic Staff College, Bharathidasan University and Bishop Heber College, during 9th – 11th March 2006.
34. National level Seminar on Recent Trends in Biotechnology, conducted by Department of Biotechnology, Bishop Heber College during 2005.
35. Attended National Symposium on “Recent Trends in Environment and Biotechnology” Kumbakonam Arts College (Autonomous), Kumbakonam, 612 001, during 26th –28th July 2004.
36. Attended and presented a paper on “Impacts of Shore Birds with special reference to Aquafarm” Eco-Friendly Environment for Sustainable Development “ National Seminar sponsored by UGC at Annamalai University, Chidambaram during 27-28-2-2000.

37. Attended Seminar on Recent Trends in Plant Science “Department of Botany, A.V.C. College, Mannampandal, Mayiladuthurai during 5,6, and 7-3-99.
38. Attended a Seminar on “Wildlife Conservation Perspective and Retrospectives in Wildlife Research during 9.3.99.
39. Seminar on “Man and Microbes” conducted by Department of Botany, A.V.C. College, Mannampandal, Mayiladuthurai during 10th March 1998.
40. Seminar on “Bio-diversity” conducted by Department of Botany, A.V.C. College, Mannampandal, Mayiladuthurai during 13th March 1998.
41. Seminar on Bio-resources and Employment opportunities “ at A.V.C. College, Mannampandal, Mayiladuthurai on April 1997.
42. Workshop on “Aquaculture” at A.V.C. College, Mannampandal, Mayiladuthurai during 8th to 9th March 1996.
43. National symposium on `Recent Trends in Indian Wildlife Research” at A.V.C. College, Mannampandal, Mayiladuthurai during 22nd to 24th February 1995.

Research papers accepted in International seminar/conference

1. **Pandiyan, J.**, S. Asokan. 2006. The loss of wetland habitat and consequences of water birds, (Abstract No. 1127) 12th International Symposium on Society and Natural Resources (ISSRM), USA.
2. **Pandiyan, J.**, S. Asokan, K. Thiyagesan, and R. Nagarajan. 2005. Seasonal variations and distribution pattern of migratory shorebirds, at the Cauvery deltaic region of southern India, 27th Meeting of the International Waterbird Society Tainan City, Taiwan, Republic of China-24th-27th November 2005. 27th, November 2005.
3. **Pandiyan, J.**, S. Asokan, K. Thiyagesan, and R. Nagarajan. 2004. The factors influencing the water bird community with reference to coastal wetlands of Southern India, 7th Intecol International Conference 2004, Utrechi. The *Netherlands*.
4. **Pandiyan, J.**, S. Asokan, K. Thiyagesan, and R. Nagarajan. 2004. The Waterbird use of Coastal sandflats and mudflats of Nagaipattinam districts, Tamil Nadu, Southern India. Global Flyways Conference 2004, 3-8 April *Edinburg, UK*.
5. **Pandiyan, J.**, S. Asokan, K. Thiyegasan and R. Nagarajan. Shorebirds use of tidalflats of cauvery deltaic region of southern india. 25th Anneversary Conference of International Society of Wetland Scientists, during 18th to 23rd July 2004, Seattle , Washinton, USA.
6. **Pandiyan, J.**, S. Asokan, K. Thiyagesan, and R. Nagarajan. 2004. The hydrological parameters of coastal wetlands of Pazhaiyar mudflats, Tamil Nadu, Southern India. Coastal Zone, Asia Pacific Conference 2004, Sep 5-9, Australia.

Journal Reviwer – National and International Journals

1. Journal of Ocean and Coastal management (3) –Springer, Netherland
2. International Journal of Biodiversity Science, Ecosystem service and Management –Taylor and Francis, USA
3. International Journal of Pure and Applied Zoology (2) India
4. Current Science, India
5. International of Scientific Transactions and Environmental Technovation, India

Dissertation and Thesis submitted

1. **Ph.D., 2002.** Ecology of **shorebirds** in the tidal flats of Cauvery deltaic region of southern India, Thesis submitted to Bharathidasan University, Trichy.
2. **M.Phil., 2000.** Factors influencing the **shorebirds** use of coastal sandflats and mudflats of Nagaipattinam district, Tamil Nadu, southern India, to Bharathidasan University, Trichy.
3. **M.Sc., 1999.** Diversity of **shorebirds** of unprotected tidal flats of Cauvery deltaic region of Southern India, Tamil Nadu, dissertation submitted, A.V.C. College (Autonomous), Mannampandal-609 305.
4. **B.Sc., 1997.** Diversity of **waterbirds** of Veeranam Lake, dissertation submitted, A.V.C. College (Autonomous), Mannampandal-609 305.

Ph.D. Degree Produced

1. Mr. V. Kannan, Ecology of spot billed pelican, Pulicat Lake, Andhrapradesh, during Sep. 2016.
2. Mr. S.Mohanraj, Factors influencing the different ecological groups of waterbirds, Periyakulam lake, Tiruchirappalli, 2019
3. Mr. S.Kannaiyan, Factors influencing the population, nesting behavior and nestling growth of Rose ringed Parakeet, 2019.

Ph.D. Guidance under progress

1. Boominathan, S. Human elephant conflicts, Pandhipur National Park, Karnataka.
2. Karthikeyan, G. Foraging strategies of selected migratory shorebirds
3. Jegadheesan, R. Evaluation of heavy metals in selected migratory shorebirds
4. Arun Zachariah. Disease Ecology Asian wild Elephant with special reference to molecular genetics
5. Vishnu, S. Ecology and movement pattern of Tiger, Wynad, Kerala

M.Phil. Dissertations Guided

1. Veerasamy, K. 2018. Diving behavior of Indian Little cormorant and Oriental Darter, in Perunthottam lake, Nagapattinam District, India.
2. Rojanthi, J. 2018. Avifaunal density, diversity and richness in different farmlands, Korukkai Village, Nagapattinam District, Tamil Nadu, India
3. Chandramohan, 2016. The nestling growth pattern of House Sparrow, Sevabarathi Village, Nagapattinam, Tamil Nadu
4. Parthasarathy, 2012. Analysis of heavy metal in benthic organism in Tranqubar tidal flat, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
5. Ganesan, 2012. Feeding tactics of Little Egret (*Egretta garzetta*), M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
6. Chitra, 2009. Foraging behaviour of Little ringed Plover, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
7. Kathiravan, 2007. Studies on Avian diversity of Gundur Lake, Thiruchirappalli District, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.

PG Dissertations Guided

1. Neenu, 2019. Population characteristics of waterbirds in relation to habitat of Pichavaram mangrove forests, Cuddalore District, Tamil Nadu.
2. Vigneshkumar, 2018. Comparative study of Herpetofauna in different manmade forest (Cardamom, Coffee and Tea Plantation) and natural forest in Meghamalai Wildlife Sanctuary, South Western Ghats, Theni District, Tamil Nadu, India
3. Taru Habung, 2017. Factors influencing avifaunal diversity in Ziro Valley, Lower Subansiri District, Arunachal Pradesh, India
4. Devika, P. Activity and feeding behaviour of Eurasian Curlew in the Point Calimere Wildlife Sanctuary, Kodikkarai, Tamil Nadu.
5. Sridhar Halli, 2016. Seasonal polyphenism in the butterfly (*Melanitis leda* Linnaeus 1758 (Satyrinae-Nymphalidae): Identification of cues used and shape of reaction norms.
6. Himani Nautiyal, 2015. Life in the extreme: Time activity budgets and foraging ecology of central himalayan Langur (*Semnopithecus schistaceus*) in the Kedaranth Wildlife Sanctuary, Uttarakhand India.
7. Rajkumar, 2014. Studies on physico-chemical parameters of water and soil in the selected mudflats of east coast of southern India.
8. Kousalya, S. 2013. Activity pattern of Indian Roller (*Coracias benghalensis*) in the Mungilthottam Village, Nagapattinam District, Tamil Nadu, India.
9. Yellam, 2013. Occupancy modelling for the evaluation potential habitat of Tiger, Koveli Tiver Reserve, Andhrapradesh, India.
10. Yogaraj, 2013. Status and distribution of Lion Tailed Macaque, Mehamalai Wildlife Sanctury, Mehamalai, Tamil Nadu, India.
11. Krishnakumar, B. 2012. Studies on diversity of reptiles in selected habitats of east coast of southern India.
12. Buddi Laxmi Narayana, 2012. Afifaunal Diversity in Different croplands in Nalgonda District, Andhra Pradesh, Southern India.
13. Manikeeswari, 2011. Activity pattern of Indian Black Buck, Vanasthali National Park, Andhrapradesh, India
14. Sreenivasan, 2011. Feeding tactics of Little ringed plover, Pointcalimere Wildlife Sanctuary, Kodiyakkarai, Tamil Nadu, India
15. Sandeep, 2010. Habitat utilization and foraging behaviour of Nilgiri Tahr, Mukruthi National Parks, Tamil Nadu, Thesis submitted to AVC College, Mannampandal.
16. Saravanan, K. 2007. Foraging Ecology of Indian Little Cormorant, Gundur Lake, M.Sc., Dissertation, submitted to Bishop Heber College (Autonomous), Tiruchirappalli- 620 017
17. Sinduja, S. 2006. Breeding Ecology of Swampphen, M.Sc., Dissertation, submitted to Bishop Heber College (Autonomous), Tiruchirappalli- 620 017
18. Rajkumar, K. 2000. Ecology of Shore birds at East Coast of Southern India with special reference to Mud flats, M.Sc., Dissertation, submitted to A.V. C. College (Autonomous), Mannapandal, Mayiladuthurai-609 305.

Other state College PG Dissertation as External Guide

19. Dhanwantari Bhikaji Dhoke, 2017. Factors influencing the diversity and density of shorebirds along the coast line of Alibaug Region, Raigad District, Maharashtra. Thesis submitted to VPM's B.N. Bandokar College of Science, Thane, Maharashtra (as External Guide)

Special Training completed

1. Training programme on **Introduction to ENVI 4.8** on 12th September 2012. Conducted by ESRI India at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai – 609 305.
2. Training programme on **Introduction to Arc GIS** on 11th September 2012. Conducted by ESRI India at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai – 609 305
3. Workshop on **E-Content Preparation** from 22 to 25th August, 2012. Conducted by ESRI India at A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai – 609 305
4. Workshop on '**Lab to Land Technique** from 10th to 13th January 2012. Conducted by Department of Zoology A.V.C. College, Mannampandal, Mayiladuthurai – 609 305
5. Workshop on **Question Bank for Part A Question** on 26th & 27th December 2011. Conducted by AVC College Mannampandal, Mayiladuthurai – 609 305
6. **DNA barcodes** on Marine Organisms during 26,27 and 28th October 2009, CAS Marine Biology, Parengipettai.
7. **Taxidermy** Training Programme during 14-4-97 to 19-4-97 at Madras Museum, Madras.
8. Special **Forestry Management Programme** attended at KFRI (Kerala Forest Research Institute) during 22nd and 24th September 1997

List of Wildlife Field work and training

1. Participated Waterbird Census, at Pointcalimere Wildlife Sanctuary 2018
2. Participated Waterbird Census, at Pointcalimere Wildlife Sanctuary 2017
3. Participated Waterbird Census, at Pointcalimere Wildlife Sanctuary 2016
4. Participated Waterbird Census, at Pointcalimere Wildlife Sanctuary 2015
5. Participated Waterbird Census, at Pointcalimere Wildlife Sanctuary 2014
6. Participated Waterbird Census, at Pointcalimere Wildlife Sanctuary 2013
7. Participated Waterbird Census, at Pointcalimere Wildlife Sanctuary 2012
8. Participated Indian Bird census at Pointcalimere Wildlife Sanctuary 2010
9. Attended migratory bird census at east coast tamilnadu, during 2008
10. Attended Bird Census at Point Calimere Wildlife Sanctuary, Kodayakkarai, during 14-02-2001.
11. Attended National Tiger Census at Bandipur Wildlife National Park., Bandhipur , Karnataka during 12-01-2001 to 16-01-2001.
12. Bird and Animal Census at Point Calimere Wildlife Sanctuary during 21st to 23rd February 2000
13. Attended and presented a paper on “Waterbird use of Unprotected Mudflats in Nagai District, Tamil Nadu, Southern India at Point Calimere Wildlife Sanctuary, Kodayakkarai, during 1999.
14. Water bird census at Vetangudi Wildlife Sanctuary, Vetangudi on 10-6-99 to 11-6-99.
15. Elephant Census at Dharmapuri Wildlife Sanctuary during 27th to 29th March 1999.
16. Water bird census at Vaduvur Wildlife Sanctuary during 6th to 7th March 1999.
17. Water bird census at Point Calimere Wildlife Sanctuary during 5-10-098 and 6-10-98.
18. Water bird census at Vetangudi Wildlife Sanctuary, Vettangudi during 28-2-98 to 1-3-98.
19. Water bird census at Pichawaram during 1997 conducted by B.N.H.S.
20. All India Animal Census at Srivilliputhur Grizzled Giant Squirrel Sanctuary conducted by Tamil Nadu Forest Department during March 1996
21. Salim Ali bird Count at Mayiladuthurai and adjoining areas during October 1995 conducted by B.N.H.S. Bombay.
22. Water bird and Black buck (*Antelope cervicapra*) and spotted Deer (*Axis axis*) census at Point Calimere Wildlife Sanctuary during 1994.

Seminar Organized

- **Convener**, UGC Sponsored National Level Seminar on “Emerging Trends in Life Sciences, 2006”, Bishop Heber College (Autonomous), Tiruchirappalli- 620 017, during 24-25 August 2006.
- **Convener**, Nobel Laureate Lecture by *Dr Leland H Hartwell (Nobel Prize Winner, 2001* for the field of Physiology or Medicine), gave lecture on “Yeast and Cancer”, 24th August 2006, at Bishop Heber College (Autonomous), Tiruchirappalli- 620 017.

Invited Talk and Resource Person

1. Delivered lecture on Recent Development in India Science, on the occasion of the National Science Day, 2019 , Sri Raghvendra Arts and Science College, Keezhamoongiladi, Chidambaram, Tamil Nadu, on 28th February, 2019.
2. Delivered lecture on HR Trends and Innovation in 2K19, as Key note address, at STET Women’s College, Sundarakkottai, Mannaragudi, on 27th February, 2019.
3. Delivered lecture on Application of SPSS in Research, at STET Women’s College, Sundarakkottai, Mannaragudi, on 27th February, 2018.
4. Delivered lecture on Application of SPSS in Research, at STET Women’s College, Sundarakkottai, Mannaragudi, on 27th February, 2017.
5. Wildlife Census Techniques, Point Calimere Wildlife Sanctuary, Kodikkarai, from 2nd April to 3rd April 2016.
6. Wildlife Census Techniques, Point Calimere Wildlife Sanctuary, Kodikkarai, from 12nd to 13th February, 2016.
7. Delivered lecture on Climate change and consequences of shorebirds at National Seminar on Climate change and conservatin, Poompuhar College (Autonomous), Melaiyur, during 2015
8. Delivered a lecture on Mitigation of Man-Animal Conflict, organized by Department of Forest and Wildlife, Regional Office, Karaikkal, on 19th June 2015.
9. Delivered as invited talk on Research Proposal Writing, at STET Women’s College, Sundarakkottai, Mannaragudi, on February, 2014.
10. UGC Sponsored Guest Lecture on “ **Wildlife and conservation**’ 2014”, Poompuhar College (Autonomous), Melaiyur, on 27th October 2014.
11. Delivered and acted as a resource person IQAC meeting, STET Women’s College Sundarakkottai, during September 2014.
12. Acted as Resource person and delivered lecture on “Enhancement of grants for Research” Organized by IQAC and R&D cell, STET Womens College, Sundarakkottai, during September 2014.
13. Invited Speaker and delivered a lecture on “**Taxonomy goes Molecular**”, at National level seminar on Recent Trends in Biosciences, conducted by School of Biological Sciences, Annai College of Arts and Science, Kumbakonam, during 8th and 9th February 2007.
14. Invited Speaker and delivered a lecture on “**How to enhance research publications**” at National level Workshop on “Research Building Capabilities” Christ College, Bangalore, during May 2007.
15. Invited Speaker and delivered a lecture on “**Research Building Capabilities**” St’ Joseph College, Tiruchirappalli, during 13th June 2007
16. Invited Speaker and delivered a lecture on “**Identification of birds through DNA Barcodes**”, National Workshop on “Wildlife Conservation”, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai- 609 305, during 25th and 26th February, 2005

Various academic and other positions

1. **Member**, Advisory Board, NAAC Mentor and Mentee Institutions, STET Women's College Sundarakkottai, Mannargudi, Tamil Nadu, Since 2019 onwards
2. **Member**, Advisory Board, NAAC Process Committee, Five Different Colleges Affiliated to Bharathidasan University, Trichy
3. **IQAC, External Member Academic**, STET Women's College Sundarakkottai, Mannargudi, Tamil Nadu, Since 2012 onwards
4. **Subject Expert**, District level Environmental Impact Assessment Authority (DEIAA) District level Expert Appraisal committee (DEAC), Nagai District, Tamil Nadu, Government of Tamil Nadu, Ministry of Forests and Environment, since 2017 onwards.
5. **Member, Institutional Animal Ethical Committee**, STET Women's College Sundarakkottai, Mannargudi, Tamil Nadu Since 2011 onwards
6. **Member, Research and Development Cell**, AVC College (Autonomous), Mannampandal, 609 305. Mayiladuthurai, during 2018-19
7. **Convener**, Stock Verification Committee, Dept. of Chemistry, AVC College (Autonomous), Mannampandal, 609 305. Mayiladuthurai, during 2017-18 and 2018-19.
8. **Member, Staff Selection Committee**, STET Women's College Sundarakkottai, Mannargudi, Tamil Nadu Since 2013 onwards
9. **Chairman**, Board of QPS, Human Biology, Bharathiyar University, Coimbatore, Since, 2016 onwards
10. **Member** – UGC, College Development Grant, AVC College (Autonomous), Mannampandal, 609 305. Mayiladuthurai, during 2015
11. **Additional Chief Superintendent** – Autonomous Examination, AVC College (Autonomous), Mannampandal, 609 305. Mayiladuthurai during, 2012-2014
12. **Member**, NAAC, Steering Committee, AVC College (Autonomous), Mannampandal, 609 305. Mayiladuthurai during 2012
13. **Member**, Board of Studies, Department of Zoology and Wildlife Biology, AVC College (Autonomous), Mannampandal, 609 305. Mayiladuthurai during since, 2008 onwards.
14. **Vice President** – Fine Arts Association, AVC College (Autonomous), Mannampandal, 609 305. Mayiladuthurai during 2008-09
15. **Member, Research and Development Cell**, Bishop Heber College (Autonomous), Tiruchirappalli- 620 017.
16. **Member**, Internal Quality Assurance Cell (**IQAC**), Bishop Heber College (Autonomous), Tiruchirappalli- 620 017.
17. **Convener**, UGC Sponsored National Level Seminar on Emerging Trends in Life Sciences, 2006, Bishop Heber College (Autonomous), Tiruchirappalli- 620 017, during 24-25 August 2006.
18. **Convener, Nobel Laureate Lecture** by Dr Leland H Hartwell (**Nobel Prize Winner, 2001 for the field of Physiology or Medicine**), gave lecture on “Yeast and Cancer” on 24th August 2006, at Bishop Heber College (Autonomous), Tiruchirappalli- 620 017.
19. **Staff Advisor**, Student Exnora, Bishop Heber College (Autonomous), Tiruchirappalli- 620 017, during December 2005 to October 2007.
20. **Member**: Staff Club, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, during 2000-2001 Academic Year.

Professional recognition, awards, fellowships received

Internatinal Travel Grant

1. Received **Rs. 45,000.00** as a air fare and accommodation including registration fee by the Organizing Committee, to attend the 7th International Conference on Cormorant Research Group, **Switzerland** between 24-11-2005 and 27-11-2005,
2. Received **Rs. 1,28,000.00** for Travel, Accommodation and Expedition fee by the Organizing Committee to attend International Conference on Wildlife and Conflicts (FRAP 2006), at Centre for Environmental Research, Halle, Leipzig, **Germany**, between 24-01-2006 and 27-01-2006

Gold Medals Obtained

1. Gold Medal for **All Round Achievements** in UG Classes during 1994 – 1997, A.V.C. College, Mannampandal.
2. Gold Medal for M.Sc., **WLB 1st Rank** during 1997-1999, A.V.C. College, Mannampandal.

Various Academic Awards Received

1. **Recognized for Best Research Paper Publication** above 2.00 Impact Factor (Thompson Reuters), on the occassion of Teachers Day Celebration, 2018, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai-609305.
2. **Recognized for Best Research Paper Publication** above 2.00 Impact Factor (Thompson Reuters), on the occassion of Teachers Day Celebration, 2017, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai-609305.
3. **Recognized for Best Research Paper Publication** above 2.00 Impact Factor (Thompson Reuters), on the occassion of Teachers Day Celebration, 2016, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai-609305.
4. **Young Scientist Researcher Award** DST-SERB, New Delhi, 2014.
5. Azhagu Muthukkon Endowment **Merit Scholarship** for Meritorious Studies in WLB from Government of Tamilnadu and Bharathidasan University, during 2000.
6. All India **Merit Scholarship** to Ph.D., for meritorious students, during 2000 – 2001.
7. **Principal's Best Student Award** (*Among the whole College students*) during 1996 – 1997, College Day, A.V.C. College, Mannampandal.
8. **Best Paper Award** given by 5th Tamil Nadu Science Congress for publishing paper on “Water Bird on Veeranam Lake” from 6-6-97 to 7-6-97 at Annamalai University, Chidambaram.
9. N.S.S. **Outstanding Award** (University Level) given by YOUTH SOCIAL AWARENESS Trichy, for the year 1996 – 1997.
10. N.S.S. **Best Student Award** during 1995 – 1996 by A.V.C. College, Mannampandal.
11. **Merit Scholarship** for the Deserving student, from the Department of Zoology, A.V.C. College, Mannampandal, for year of 1997.
12. **Merit Scholarship** of PEACOCK CLUB, for the Deserving student of A.V.C. College, Mannampandal for the year of 1996.

Examiner in various Colleges and Universities (UG, PG, M.Phil and Ph.D.)

Universities

1. Annamali University, Chidambaram
2. Bharathidasan University, Tiruchappalli
3. Bharathiyar University, Coimbatore (Chairman – Human Biology)
4. University of Madras, Chennai

Colleges

1. AVVM Poondi Pushpam College (Autonomus), Thanjavur
2. Sarfoji Government Arts College (Autonomous), Thanjavur
3. Bishop Heber College (Autonomous), Tiruchirappalli
4. Jamal Mohamed College (Autonomous), Tiruchirappalli
5. PSG Arts and Science College (Autonomous), Coimbatore
6. Poompuhar College (Autonomous), Melaiyur, Poompuhar
7. Government Arts College for Men (Autonomous), Kumbakonam
8. Government Arts College for Women (Autonomous), Kumbakonam
9. Loyolo College (Autonomous), Chennai
10. St' Xavier College (Autonomous), Palayamkottai.
11. National College, Trichy
12. Christ College, Nagerkoil
13. Thiyagaraya College, Madurai

Membership in scientific societies

1. Member, **IBWL**, India
2. Member, **Conservation Science**, UK.
3. Member in **Zoo Outreach Organization**, Coimbatore.
4. Member in **World Wide Fund for Nature (WWF)**, New Delhi
5. Member in **Sanctuary Asia**, Mumbai
6. Member, Institutional Animal Ethical Committee, STET Women's College, Sundarakkottai, Mannargudi, Tamil Nadu, India.

Visits foreign universities

1. University of cambridge, **UK**, 2006
2. Oxford University, **UK** 2006
3. Swiss Institute of Ornithology, **Switzerland**, 2005
4. Centre for Environmental Research, Leipzig, Halle, **Germany**, 2005

DNA and Protein Sequences Deposited in GenBank

S. No.	Waterbirds used for COI nucleotide sequencing	Gen Bank Accession Number (NCBI)
1	Little Egret (<i>Egretta garzetta</i>) LEAVC	KY039998
2	Cattle egret (<i>Bulbulcus ibis</i>) CEAVC1	KY039999
3	Cattle egret (<i>Bulbulcus ibis</i>) CEAVC1	KY040000
4	Indian Pond Heron (<i>Ardeola grayii</i>) IPHAVC	KY040001
5	Purple Heron (<i>Ardea purpurea</i>) PHAVC	KY040002
6	Grey heron (<i>Ardea cinerea</i>) GHAVC	KY040003
7	Black crowned night heron (<i>Nycticorax nycticorax</i>) BCNHAVC	KY040004
8	Common coot (<i>Fulica atra</i>) CCAVC1	KY040005
9	Common coot (<i>Fulica atra</i>) CCAVC2	KY040006
10	Indian Darter (<i>Anhinga melanogaster</i>) DAVC	KY040007
11	Asian openbill stork (<i>Anastomus oscitans</i>) AOBSAVC1	KY040008
12	Asian openbill stork (<i>Anastomus oscitans</i>) AOBSAVC2	KY040009
13	White breasted waterhen (<i>Amaurornis phoenicurus</i>) WBWHAVC	KY040010
14	Little grebe (<i>Tachybaptus ruficollis</i>) LGAVC	KY040011
15	Pheasant tailed jacana (<i>Hydrophasianus chirurgus</i>) PTJAVC	KY040012
Waterbirds used for COI protein sequencing		
1	COI <i>Egretta garzetta</i>	ATG29836
2	COI <i>Bulbulcus ibis</i>	ATG29837
3	COI <i>Bulbulcus ibis</i>	ATG29838
4	COI <i>Ardeola grayii</i>	ATG29839
5	COI <i>Ardea purpurea</i>	ATG29840
6	COI <i>Ardea cinerea</i>	ATG29841
7	COI <i>Nycticorax nycticorax</i>	ATG29842
8	COI <i>Fulica atra</i>	ATG29843
9	COI <i>Fulica atra</i>	ATG29844
10	COI <i>Anhinga melanogaster</i>	ATG29845
11	COI <i>Anastomus oscitans</i>	ATG29846
12	COI <i>Anastomus oscitans</i>	ATG29847
13	COI <i>Amaurornis phoenicurus</i>	ATG29848
14	COI <i>Tachybaptus ruficollis</i>	ATG29849
15	COI <i>Hydrophasianus chirurgus</i>	ATG29850

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