

CURRICULUM VITAE

Name: Dr. K. RAMESH KUMAR M.Sc., M.Phil., Ph.D., B.Ed., DST.,

Present Designation: Assistant Professor.

Date of Birth: 12.01.1982

Communication Address: Post Graduate and Research Department of Zoology,
Vivekananda College- Tiruvedakam West, Madurai – 625234. Tamil Nadu, India

Residential Address: 2/49, South Street, Jathikoundanpatti, Samiyarpatti (post),
Dindigul Dist – 624 302

Teaching Experience: 15 Years

Ph. D guidance (Reference Number & ID): S6/Ph.D/Guide Recogn/2018 & 1930

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Google Scholar ID: <https://scholar.google.com/citations?user=EHwU34kAAAAJ&hl=en>

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ACADEMIC PROFILE:

- ❖ Ph. D in Zoology (2013) - Vivekananda College, Tiruvedakam-West.
- ❖ B.Ed. Biological Science (2006) - Govt. College of Education.
- ❖ M.Phil. Zoology (2005) - Thiagarajar College, Madurai.
- ❖ M.Sc. Zoology (2004) -Vivekananda College, Tiruvedakam-West.
- ❖ B.Sc. Zoology (2002) -Vivekananda College, Tiruvedakam-West.
- ❖ Diploma in Sericulture (2002) - Vivekananda College, Tiruvedakam West.
- ❖ Certificate on Videography (2004) - Vivekananda College, Tiruvedakam West.
- ❖ Certificate on Sericulture (2002) - Vivekananda College, Tiruvedakam West.
- ❖ Certificate on Computer Applications [FOXPRO & MS WORD] (2002) - Vivekananda College, Tiruvedakam West.
- ❖ NPTEL online course on Wild Life Conservation, Forests and their Management and Intellectual Property Rights and Competition Law

MEMBER IN BOARD OF STUDIES:

- Saraswathi Narayanan College, Madurai

AWARDS& HONORS:

- ❖ Received “BEST YOUNG FACULTY AWARD” 2019 from Novel Research Academy, Puducherry, India (A Division of New Swertia Publications) UAN: PY03D0003488, A Registered Enterprise under the Govt. of India.
- ❖ Received “Award for Faculty with Higher Potential in Academic & Research – 2020” GRF AWARDS & HONORS (2020) on the occasion of Teacher’s Day from Global Research Foundation, Delhi (A Unit of Kaav Media Pvt. Ltd.) Reg.No./GRFAWARDS/2020/N.No.85.
- ❖ Received “BEST SENIOR FACULTY AWARD” 2020 from Novel Research Academy, Puducherry, India ISO 9001: 2015 certified (A Division of New Swertia Publications) UAN: PY03D0003488, A Registered Enterprise under the Govt. of India.
- ❖ Received “BEST RESEARCHER AWARD” in the International Scientists Awards on Engineering, Science and Medicine, held on 08 & 09th January, 2021, Salem, India, organized by VDGOOD Professional Association. (Reg. No: U22190TN2019NPL127500).
- ❖ Received “Academic Excellence Award” in the International Conference on “Covid-19 Post Corona Virus Recent Trends, Research, Technologies & Global Future Opportunities” organized by Smt. Vimla Devi Education Society (SVDES), Delhi in association with Mangalmay Group of Institutions, Greater Noida (NCR) in the International Award Convention held on 22nd to 23rd May, 2021 (Reg.No: SVDES/AWARDS/IC-C19PCVRTRTGFO-2021/S.NO.IAC/A-06).
- ❖ Received appreciation award on Research Publications in peer reviewed indexed journals during the academic years 2015-16 to 2020-21 in the 50thCollege Day celebrations of Vivekananda College on 11.03.2021.
- ❖ Acted as a judge for the VASTU PRAKATANANAM (AD – ACT) event in the Intra-Collegiate Meet YUVOTSAVA 2021 organized by Department of Computer Science, Vivekananda College, Tiruvedakam West, Madurai on 16.03.2021.

- ❖ Acted as Judge in MIME event at the State Level Inter-Collegiate CCA MEET '22 organized by the Department of Commerce (Computer Applications), Vivekananda College, Tiruvedakam west, Madurai on 6th May 2022, Friday.

Ph.D GUIDESHIP:

- ❖ Recognized as a supervisor to guide Ph.D.and M.Phil.Registrants in Zoology of the Madurai Kamaraj University, Madurai from 03-09-2018 onwards(Reference Number & ID): S6/Ph.D/Guide Recogn/2018 & 1930.

Ph.D GUIDED:

- ❖ Mr. Gokul T (Regn. No:MKU22FFOS10283) has registered as a **Full-Time** Research Scholar in Ph.D Programme from 04.02.2022. The research title is “Bioactive constituents of some edible basidiomycetes mushroom Fungi and their Neuroprotective effects” under the guidance of **Dr.K.Ramesh Kumar**, Assistant Professor, Vivekananda College

RESEARCH PROJECT UNDERTAKEN

- Mr.B.Suthikkumar II M.Sc., Zoology has received Student Project Scheme (SPS) entitled on “Green Synthesis of silver nanoparticles from *Murraya koenigii* and its antibacterial activity against isolated urinary tract infection bacteria” funded by TNSCST for the academic year 2021-2022.

PUBLICATIONS IN INTERNATIONAL JOURNAL:

1. **K. RAMESH KUMAR and N. NATTUTHURAI** (2011). Diversity of mosquito fauna in three selected sites of Athoor Taluk, Dindigul district, TamilNadu. *Elixir Bio. Diver.* 38: 4057-4059 (**Impact factor 0.454**).
2. **K. RAMESH KUMAR, N. NATTUTHURAI and R. GURUSAMY** (2011).Influence of vermicompost in root- knot nematode management as a function of soil fortification. *Elixir Agriculture* 38: 4210-4213 (**Impact factor 0.454**).
3. **N. NATTUTHURAI, K. RAMESH KUMAR and D. MATHAN MOHAN MANGALA KUMAR** (2011). Bioefficacy of *Azolla pinnata* as a function of soil amendment in root-knot nematode management. *Elixir Agriculture* 38: 4214-4217 (**Impact factor 0.454**).

4. **K. RAMESH KUMAR** and N. NATTUTHURAI (2012). Larvicidal activity of stem extract of *Cissus quadrangularis* against the vector mosquitoes. *Elixir Bio. Diver* 42:6232-6235 (**Impact factor 0.454**).
5. **K. RAMESH KUMAR** and N. NATTUTHURAI (2014). Diversity of mosquito fauna in three selected sites of Madurai district, Tamil Nadu, India. *International Journal of Advanced and Innovative Research*. Volume 3 Issue 3:94-100 (**Impact Factor 0.349**).
6. **K. RAMESH KUMAR, N. NATTUTHURAI, P. GOPINATH AND T.MARIAPPAN** (2014) Synthesis of ecofriendly silver nanoparticles from *Morinda tinctoria* leaf extract and its larvicidal activity against *Culex quinquefasciatus*. *Parasitol. Res.*, DOI 10.1007/s00436-014-4198-9 (**Impact Factor 2.403**).
7. **K. RAMESH KUMAR, N. NATTUTHURAI, P. GOPINATH AND T.MARIAPPAN** (2014) Biosynthesis of silver nanoparticles from *Morinda tinctoria* leaf extract and their larvicidal activity against *Aedes aegypti* Linnaeus 1762 *J. Nanomed Nanotech.*, 5: 242.doi:10.4172/2157-7439.1000242 (**Impact Factor 3.57**).
8. **K. RAMESH KUMAR, G. PONRAJ and S. PRASATH** (2017) Synthesis of silver nanoparticles from *Achyranthes aspera* leaf extract and its larvicidal activity against *Aedes aegypti*. *Int. Journal of Biosci. Nanosci.*, Volume 4, Issue 04:67 – 74.
9. G. PONRAJ, **K. RAMESH KUMAR** and V. SARAVANAN (2017) Biosynthesis of Silver Nanoparticles from *Allium cepa* leaf extract and its larvicidal activity against *Culex quinquefasciatus* and *Aedes aegypti*. *Int. Journal of Biosci. Nanosci.*, Volume 4, Issue 04:75 – 82.
10. MADHANRAJ, R, RAVI KUMAR, K, MAYA M.R, RAMANAIAH ILLURI, VENKATAKRISHNA K, **RAMESHKUMAR, K**, VEERAMANIKANDAN V and BALAJI P (2019). Evaluation of anti-microbial and anti-haemolytic activity of edible basidiomycetes mushroom fungi. *Journal of Drug delivery & Therapeutics*;9 (1):132-135 (**UGC Approved Journal**).
11. MADHU G C, JAIANAND KANNAIYAN, **RAMESHKUMAR K**, EYINI MUTHUKUMARASAMY, BALAJI P and VEERAMANIKANDAN VEERAMANI (2019). *Solanum tuberosum* extract mediated synthesis and

- characterization of iron oxide nanoparticles for their antibacterial and antioxidant activity. *Journal of Drug delivery & Therapeutics*; 9 (1-s):5 -15 (UGC Approved Journal).
12. RAVI KUMAR K, MADHANRAJ R, RAMANAIAH ILLURI, MAYA M R, VENKATAKRISHNA K, **RAMESHKUMAR K**, VEERAMANIKANDAN V, EYINI M, BALAJI P (2019). Phytochemical Analysis and *Invitro* Antioxidant Potential of *Annona Muricata* L. *Int. Res. J. Pharm.*, 10 (4).
 13. MAYA M R, RAMANAIAH ILLURI, VENKATAKRISHNA K, **RAMESHKUMAR K**, VEERAMANIKANDAN V, EYINI M, BALAJI P (2019). Evaluation of antioxidant potential of *Capsicum frutescens*. *Journal of Drug Delivery & Therapeutics*; 9(2-s):376-382 (UGC Approved Journal).
 14. MAYA M R, RAMANAIAH ILLURI, VENKATAKRISHNA K, **RAMESHKUMAR K**, VEERAMANIKANDAN V, EYINI M, BALAJI, P (2019). Investigation of Bioactive Compounds of *Capsicum frutescens* and *Annona muricata* by Chromatographic Techniques. *Journal of Drug Delivery & Therapeutics*; 9(4): 485 -495 (UGC Approved Journal).
 15. MAHILARASI A, JAIANAND KANNAIYAN, RAMESHKUMAR **K**, BALAJI PAULRAJ, VEERAMANIKANDAN VEERAMANI (2019). Formulation of Effective Microbial Consortium and its Application for Industrial Wastewater Treatment. *Journal of Drug Delivery & Therapeutics*; 9(4-s): 111- 117 (UGC Approved Journal).
 16. BALAJI P, R. MADHANRAJ, **K. RAMESHKUMAR**, V. VEERAMANIKANDAN, M. EYINI, A. ARUN, BOOBALAN THULASINATHAN, D. A. AL FARRAJ, M.S. ELSHIKH, A.M. AL-OQDA, A.H. MAHMOUD, J-C TACK, H-J KIM (2020). Evaluation of antidiabetic activity of *Pleurotus pulmonarius* against streptozotocin nicotinamide induced diabetic wistar albino rats. *Saudi Journal of Biological Sciences*:27 (2020) 913–924 <https://doi.org/10.1016/j.sjbs.2020.01.027> (**Impact Factor: 4.219**).
 17. CHINNATHAMBI POTHIRAJ, PAULRAJ BALAJI, RAMKUMAR SHANTHI, MUTHUKRISHNAN GOBINATH, RANGASAMY SURESH BABU, ABDULLAH AL-DOSARY MUNIRAH, ATEF HATAMLEH ASHRAF,

- KAMATCHI RAMESH KUMAR**, VEERAMANI VEERAMANIKANDAN, RAMASUBRAMANIAN ARUMUGAM (2021) Evaluating antimicrobial activities of *Acanthus ilicifolius L.* and *Heliotropiumcurassavicum L* against bacterial pathogens: an in-vitro study. *Journal of Infection and Public Health* 14 (2021) 1927–1934 <https://doi.org/10.1016/j.jiph.2021.10.013>(**Impact Factor: 3.32**).
18. PRIYA SUBRAMANI, JAANAND KANNAIYAN, JOTHI RAMALINGAM RAJABATHAR, PREMA PAULPANDIAN, **RAMESH KUMAR KAMATCHI**, BALAJI PAULRAJ, HAMAD A. AL-LOHEDAN, SELVARAJ AROKIYARAJ, AND VEERAMANIKANDAN VEERAMANI (2021) Isolation, Expansion, and Characterization of Placenta Originated Decidua Basalis-Derived Mesenchymal Stromal Cells. *ACS Omega* 2021, 6, 51, 35538-35547 <https://doi.org/10.1021/acsomega.1c05022>(**Impact Factor: 3.512**).
19. P. PREMA, T. BOOBALAN, A. ARUN, K. **RAMESHKUMAR**, R. SURESH BABU, V. VEERAMANIKANDAN, VAN-HUY NGUYEN, P. BALAJI (2021). Green tea extract mediated biogenic synthesis of gold nanoparticles with potent anti- proliferative effect against PC-3 human prostate cancer cells. *Materials Letters* 306 (2022) 130882, <https://doi.org/10.1016/j.matlet.2021.130882>(**Impact Factor: 3.423**).
20. P. PREMA, V. VEERAMANIKANDAN, K. **RAMESHKUMAR**, MANSOUR K.GATASHEH, ASHRAF ATEF HATAMLEH, RAVINDRAN BALASUBRAMANI, P. BALAJI (2021). Statistical optimization of silver nanoparticle synthesis by green tea extract and its efficacy on colorimetric detection of mercury from industrial waste water. *Environmental Research* 204 (2022) 111915 <https://doi.org/10.1016/j.envres.2021.111915> (**Impact Factor: 6.498**).
21. K. CHINNADURAI, P. PREMA, V. VEERAMANIKANDAN, **K. RAMESHKUMAR**, VAN-HUY NGUYEN, NAJAT MARRAIKI, NOUF S.S., ZAGHLOUL, P. BALAJI (2021). Toxicity evaluation and oxidative stress response of fumaronitrile, a Persistent Organic Pollutant (POP) of industrial waste water on tilapia fish (*Oreochromis mossambicus*). *Environmental Research* (2021). <https://doi.org/10.1016/j.envres.2021.112030> (**Impact Factor: 6.498**).

22. M.R. MAYA, **K. RAMESHKUMAR**, V. VEERAMANIKANDAN, T. BOOBALAN, M. KUMAR, M. EYINI, A. ARUN, ARIVALAGAN PUGAZHENDHI, P. BALAJI (2022) Evaluation of antioxidant, anti-inflammatory, and anti-hyperglycemic effects of *Wattakakavolubilis* Linn. *F. Process Biochemistry* 112 (2022) 183–191 <https://doi.org/10.1016/j.procbio.2021.12.001> (**Impact Factor: 3.757**).
23. P. PREMA, S. SUBHA RANJANI, **K. RAMESH KUMAR**, V. VEERAMANIKANDAN, N. MATHIYAZHAGAN, VAN-HUY NGUYEN, P. BALAJI (2022) Microbial synthesis of silver nanoparticles using *Lactobacillus plantarum* for antioxidant, antibacterial activities. *Inorganic Chemistry Communications* 136 (2022) 109139 <https://doi.org/10.1016/j.inoche.2021.109139>(Impact Factor: 2.495).
24. SANTHANAM SELVARAJ, CHELLASAMY PRASHANTH, GURUSAMY PONRAJ, **KAMATCHI RAMESHKUMAR**(2022) Antibacterial activities of medicinal plant leaves extract against isolated Escherichia coli bacteria from different water sources. *Research & Reviews: A Journal of Microbiology & Virology.*, 11(3):31-40 (**UGC Approved Journal**).
25. M. R. MAYA, V. ANANTHI, A. ARUN, P. KUMAR, M. GOVARTHANAN, **K. RAMESHKUMAR**, V. VEERAMANIKANDAN AND P. BALAJI (2022). Protective efficacy of *Capsicum frutescens* fruits in pancreatic, hepatic and renal cell injury and their attenuation of oxidative stress in diabetic Wistar rats. *Journal of Taibah University for Science.*, Vol. 15, No. 1, 1232–1243 <https://doi.org/10.1080/16583655.2021.2024998>(Impact Factor:2.688)

PUBLICATIONS IN NATIONAL JOURNAL:

1. **K. RAMESH KUMAR** and N. NATTUTHURAI (2010). Density of mosquito population in Paramakudi, Ramnad district, Tamilnadu, India. *Insect environment*. Vol. 16 (3): 107-109 (**ISSN 0975-1963**).
2. **K. RAMESH KUMAR** and N. NATTUTHURAI (2010). Effect of stem extract of *Cissus quadrangularis* on *Culex quinquefasciatus* and *Aedes aegypti*. *Insect environment*. Vol. 16 (3): 115 (**ISSN 0975-1963**).

3. **K. RAMESH KUMAR and N. NATTUTHURAI** (2010). Effect of leaf extract of *Acalypha indica* and *Jatropha curcas* against *Culex quinquefasciatus* and *Aedes aegypti*. *Insect environment*. Vol. 16 (3): 113-114 (ISSN 0975-1963)
4. **K. RAMESH KUMAR** (2012). Diversity of mosquito fauna in Madurai and Dindigul Districts of Tamilnadu, South India. *Insect environment*. Vol 17 (2): 52 – 55 (ISSN 0975-1963)

PUBLICATIONS IN PROCEEDINGS

1. **K. RAMESH KUMAR, N. NATTUTHURAI AND M. RAMAR** (2011). Studies on larvicidal efficacy of Thiodanec 35% rhizome extract of *Zinziber officinale* Linn and *Acorus calamus* Rose against *Culex quinquefasciatus* and *Aedes aegypti*. Proceedings of 4th Conference of Medical Arthropodology: pp- 92-99.N.
2. **NATTUTHURAI, K. RAMESH KUMAR AND H. BALA MUHESH SINGH** (2011). Studies on larvicidal efficacy of Dimethoate, latex and leaf extract of *Calotropis gigantea* against *Culex quinquefasciatus* and *Anopheles stephensi*. Proceedings of 4th Conference of Medical Arthropodology: pp- 63-72.
3. **K. RAMESH KUMAR, N. NATTUTHURAI AND M. ANNAMALAI** (2012). Diversity of Mosquito fauna of three selected sites of Usilampatti Taluk, Madurai District, Tamil Nadu. Biodiversity: Richness, Uses, Threats and Conservation: pp – 13 -15.
4. **K. RAMESH KUMAR, N. NATTUTHURAI, G. PONRAJ AND A. KAVIARASAN** (2013). Decolorization efficiency of *Aspergillus niger* on different textile dye effluents. Proceedings of the National Conference on Emerging Trends & New Challenges in Biotechnology: pp- 230-237.
5. **K. RAMESH KUMAR, K. CHINNADURAI, K. EYINI and P. BALAJI** (2018). Assessment of Anti-fertility effect of leaf and stem extracts of *Mollugo pentaphylla* (L.) in female laboratory Albino Wister rat. Proceedings of 6th National Conference on Emerging Trends & New Challenges in Biotechnology: pp- 128-134 (ISBN 978-93-5291-689-4).
6. **R. MADHANRAJ, K. RAMESH KUMAR, K. EYINI and P. BALAJI** (2018). Antioxidant assay mycelial extract from *Pleurotus cystidiosus*.

Proceedings of 6thNational Conference on Emerging Trends & New Challenges in Biotechnology: pp- 143-152 (ISBN 978-93-5291-689-4).

7. R. MADHANRAJ, K. RAMESH KUMAR, K. EYINI and P. BALAJI (2018). Antimicrobial activity of mycelial extract from *Pleurotuscystidiosis*. Proceedings of 6thNational Conference on Emerging Trends & New Challenges in Biotechnology: pp- 169- 176 (ISBN 978-93-5291-689-4).

DOCTORAL COMMITTEE MEMBER:

SI. No	Name of the Candidate	Subject	Full Time/Part Time	University
1.	K. Chinnadurai	Biotechnology	P/T	Periyar University
2.	R. Madhanraj	Biotechnology	P/T	Periyar University
3.	Nisar Ahmad Wani	Microbiology	F/T	Periyar University
4.	A. Mahilarasi	Microbiology	F/T	Periyar University
5.	S. Priya	Microbiology	F/T	Periyar University
6.	Dileep chandra Sreerama	Biotechnology	F/T	Periyar University
7.	Shanaz Parveen S	Biotechnology	F/T	Periyar University

MEMBERSHIP IN PROFESSIONAL BODIES:

- ❖ Active Member of VDGOD Professional Association.
- ❖ Fellow life member (FLM852021) – Association of global academicians and researchers (AGAR).

MEMBER IN EDITORIAL BOARD OF INTERNATIONAL JOURNAL:

- ❖ Reviewer in Journal of Mosquito Biology.
- ❖ Reviewer in Plant Science Today.
- ❖ Reviewer in Environmental Science and Pollution Research (Elsevier).
- ❖ Journal of Food Biochemistry.

QUESTION PAPER SETTING AND EVALUATION:

- ❖ Madurai Kamaraj University, Madurai.
- ❖ MS University, Tirunelveli.
- ❖ Periyar University, Salem.
- ❖ VVV College for Women, Virudhunagar.
- ❖ VHNSN College, Virudhunagar.
- ❖ PSG Arts and Science College, Coimbatore.
- ❖ Nirmala College for Women, Coimbatore.
- ❖ Thiagarajar College, Madurai.
- ❖ SFR College, Sivakasi.
- ❖ SRNM College, Sattur.
- ❖ GTN College, Dindigul.
- ❖ St. Joseph College, Trichy.

ECONTENT LINKS:

- ❖ <https://www.slideshare.net/pnkramesh/snake-206692388>
- ❖ <https://www.slideshare.net/pnkramesh/ornamental-fish-culture-229423500>
- ❖ <https://www.slideshare.net/pnkramesh/dairy-breeds-232293400>
- ❖ <https://www.slideshare.net/pnkramesh/vermitechnology>
- ❖ <https://www.slideshare.net/pnkramesh/vital-statistics-uses-and-importances>
- ❖ <https://www.slideshare.net/pnkramesh/life-table-construction-and-applications>
- ❖ <https://www.slideshare.net/pnkramesh/ecosystem-structure-and-dynamics>
- ❖ <https://www.slideshare.net/pnkramesh/environmental-biology-water-pollution-air-pollution>
- ❖ <https://www.slideshare.net/pnkramesh/environmental-biology-animal-relationship>
- ❖ <http://www.authorstream.com/Presentation/pnkramesh-4253516-light/>
- ❖ <http://www.authorstream.com/Presentation/pnkramesh-4253532-multiple-alleles/>
- ❖ <http://www.authorstream.com/Presentation/pnkramesh-4253650-artificialinsemination-technique/>
- ❖ <http://www.authorstream.com/Presentation/pnkramesh-4253652-dairy-faming-housing-feeding-system/>
- ❖ <http://www.authorstream.com/Presentation/pnkramesh-4253655-dairy-products/>
- ❖ <http://www.authorstream.com/Presentation/pnkramesh-4253758-fish-culture-ornamental-indian-major-carps/>
- ❖ <http://www.authorstream.com/Presentation/pnkramesh-4253755-fish-culture-construction-maintenance-pond/>
- ❖ <http://www.authorstream.com/Presentation/pnkramesh-4253748-fish-culture-diseases/>
- ❖ <https://www.slideshare.net/pnkramesh/poisonous-and-non-poisonous-snakes-248275733>
- ❖ <https://www.slideshare.net/pnkramesh/introduction-to-biological-databases>
- ❖ <https://www.slideshare.net/pnkramesh/bioinformatics-internet>

- ❖ <http://www.authorstream.com/Presentation/pnkramesh-4598757-pisciculture-induced-spawning/>

PARTICIPATION IN NSS ACTIVITIES:

- Participated in three days training programme on ‘Psychosocial Care during COVID-19’ organized by Madurai Kamaraj University, National Institute of Mental Health and Neuro Sciences (NIMHANS), Bengaluru and MS.Chellamuthu Trust & Research Foundation, Madurai from 24-3-2022 to 26-3-2022

PARTICIPATION IN ORIENTATION PROGRAMME, REFRESHER COURSE & SHORT-TERM COURSES:

- ❖ Participated in the UGC Sponsored Orientation Programme organized by Human Resource Development Centre (HRDC), Madurai Kamaraj University, Madurai from 26.05.2016 to 22.06.2016
- ❖ Participated in the UGC Sponsored Refresher Course in Environmental Studies (ID) organized by UGC-Human Resource Development Centre (HRDC), Bharathiar University, Coimbatore from 04.07.2018 to 24.07.2018
- ❖ Participated in UGC-Sponsored Online Short-Term Course in Outcome Based Education & Curriculum Development organized by UGC-Human Resource Development Centre (HRDC), Bharathidasan University, Tiruchirappalli from 05.08.2020 to 07.08.2020.
- ❖ Participated in UGC-Sponsored Online Short-Term Course in Research Methodology organized by UGC-Human Resource Development Centre (HRDC), Bharathidasan University, Tiruchirappalli from 12.08.2020 to 14.08.2020.
- ❖ Participated in UGC Sponsored online Refresher Course in Bio-Sciences (ID) organized by UGC- Human Resource Development Centre (HRDC), Bharathidasan University, Tiruchirappalli from 11.12.2020 to 24.12.2020.
- ❖ Participated in One week online Short-Term Training Program on Data Analysis using MS Excel, IBM SPSS and R organized by the HRDC, University of Hyderabad from 14th to 19th June, 2021.

INTERNATIONAL LEVEL CONFERENCES / SEMINARS / WORKSHOP ATTENDED:

- ❖ Participated in “Third Science Conclave: A congregation of Noble Laureates” organized at the Indian Institute of Information Technology (IIIT), Allahabad from 08.12.2010 to 14.12.2010.
- ❖ Participated in the International Symposium on “Emerging Trends in Bio-Chem-Nutraceuticals” organized by the Departments of Chemistry, Zoology and Home Science with Food Biotechnology, Fatima College on 04.12.2015.
- ❖ Participated in the International Conferences on Recent Trends in Biological Research – 2015 organized by Department of Microbiology, Ayya Nadar Janaki Ammal College, Sivakasi held on 22.12.2015.
- ❖ Participated in the International Webinar on Challenges and opportunities in Higher Education during and after Covid-19 pandemic organized by IQAC & Marathi Department, Parvati Devi College of Arts and Commerce, Karnataka held on 22.05.2021.
- ❖ Participated in “Two Weeks International Workshop on Emerging Trends in the field of Science and Technology” organized by Department of Physics, Sathyabama Institute of Science and Technology, Chennai from 16.08.2021 to 28.08.2021

NATIONAL LEVEL CONFERENCES / SEMINARS / WORKSHOP ATTENDED:

- ❖ Participated in State level workshop on Bio-Engineering conducted by Ayya Nadar Janaki Ammal College, Sivakasi from 22.01.2007 to 25.01.2007.
- ❖ Participated in State level interdisciplinary Seminar on Current trends in Biotechnology and Bioinformatics conducted by Vivekananda College, Tiruvedakam West on 18.12.2007 & 19.12.2007.
- ❖ Participated in Short duration Lecture workshop on Biological sciences conducted by Vivekananda College, Tiruvedakam West on 12.03.2009 & 13.03.2009.
- ❖ Participated in National Seminar on Advances in Biological Sciences (ABS – 2010) held during 22nd & 23rd, January – 2010 at Department of Zoology, Annamalai University, Annamalai Nagar.
- ❖ Participated in National Seminar on “Vermitechnology, Use of Bio fertilizers and Solid Waste Recycling for Sustainable rural Development” held on 23 – 24 March 2010 at Gandhi gram Rural Institute, Gandhigram.
- ❖ Participated in National Seminar on Environmental Awareness and Research for sustainable Development (EARSD – 2010) organized by Zoology wing – DDE Annamalai University held during 20th and 21st August, 2010.

- ❖ Participated in 4th Conference of Medical Arthropodology organized by Centre for Research in Medical Entomology (ICMR), held at Madurai, during 20 -21 December, 2010.
- ❖ Participated in National Conference on “Biodiversity: Richness, Uses, Threats and Conservation” held at GRI, Gandhigram during 19 – 21 January 2011.
- ❖ Participated in Two Day Workshop on “Analysis of Biomolecules through Molecular Techniques” organized by the School of Biosciences, Dr. G. R. Damodaran College of Science, Coimbatore held during July 29 and 30, 2011.
- ❖ Participated in National Seminar on “Toning up of Quality in Higher Education – Challenges and Strategies” organized by Internal Quality Assurance Cell (IQAC), Vivekananda College held on 1st and 2nd August, 2011.
- ❖ Participated in State level workshop on “Good Laboratory Practices” organized by Lady Doak College, Madurai held on 14th October 2011.
- ❖ Participated in 5th Conference of Medical Arthropodology organized by Centre for Research in Medical Entomology (ICMR), held at Madurai, during 18 -19 October, 2011.
- ❖ Participated in State level one day workshop on Biotechnology for Societal Development – “Mushroom Cultivation” on 13th March 2012, Organized by Department of Zoology & Botany, GTN Arts College, Dindigul.
- ❖ Participated in DST sponsored National Seminar on “Recent Trends in Pest Management and Conservation of our Natural Enemies” Organized by V.O.Chidambaram College, Thoothukudi between 15th & 16th March 2012.
- ❖ Participated in TNSCST Sponsored Orientation Programme on “Research Activities in Science” during March 21 -22, 2012 in School of Biological Sciences, Madurai Kamaraj University, Madurai.
- ❖ Participated in 6th Conference of Medical Arthropodology organized by Centre for Research in Medical Entomology (ICMR), held at Madurai, during 18 -19 October, 2012.
- ❖ Participated in the CSIR sponsored National conference on Emerging trends and New Challenges in Biotechnology held at MGR College, Hosur on 24th & 25th January 2013.

- ❖ Participated in the National Conference on Microbial Technology for sustainable development (NCMITSUD) organized by Department of Biology, The Gandhigram Rural Institute – Deemed University, Gandhigram held on 1st & 2nd February 2013.
- ❖ Participated in the Brain storming conference on Dengue Scenario in India, organized by Centre for Research in Medical Entomology held at Madurai during 25 – 26 July, 2013.
- ❖ Participated in one day training programme on Mushroom Cultivation held at Agricultural College and Research Institute, Madurai on 15th October 2013.
- ❖ Participated Agni Knowledge Foundations sponsored “Leadership Enrichment Programme for College Teachers” held at Agni School of Business Excellence, Dindigul on May 18, 2014.
- ❖ Participated in the Brain Storming Conference on Emerging new epidemiological dimensions of Japanese encephalitis (JE) and other Acute Encephalitis Syndromes (AES) organized by Centre for Research in Medical Entomology (ICMR) at Madurai during 26th and 27th June 2014.
- ❖ Participated in the Orientation Programme for the newly appointed teachers organized by Vivekananda College, Tiruvedakam West during 09.08.2014 and 14.08.2014.
- ❖ Participated in the Faculty Training and Motivation Programme conducted by Central Electro Chemical Research Institute (CECRI), Karaikudi from 08.09.2014 to 10.09.2014.
- ❖ Participated in the One Day National Seminar on “Writing Skills of Minor, Major Projects and Proposals for Conferences, Seminars and Workshops” organized by the Department of Library and Information Science, Rev. Jacob Memorial Christian College, Ambillikkai held on 12.09.2015.
- ❖ Participated in the State Level Workshop on Instrumentation Techniques (WIT-2015) organized by the Department of Chemistry, Ayya Nadar Janaki Ammal College, Sivakasi on 01.10.2015.
- ❖ Participated in DST Sponsored 4th National Conference on Emerging Trends and New Challenges in Biotechnology-Bioenergy: A step towards sustainable Future (NCETNCB – 2016) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 18th & 19th February 2016.

- ❖ Participated in the National level seminar on Nanotechnology in Biological Sciences organized by PG and Department of Zoology, Kongunadu Arts and Science College, Coimbatore held on 07.09.2016.
- ❖ Participated in 10th National conference on Recent Trends in Life Sciences: Research, Practices and Application for Sustainable Development organized by Departments of Botany and Zoology, Bharathiar University, Coimbatore during 7th & 8th September, 2017.
- ❖ Participated in State level Technical Workshop on Intellectual Property Rights(IPR) organized by NPR Arts & Science College, Natham, Dindigul on 20th January, 2018.
- ❖ Participated in the Science Academies Lecture Workshop on Recent Trends in Microbiology and Biotechnology (RTIMB – 2018) at the PG & Research Centre in Microbiology, MGR College, Hosur during 30th & 31st January, 2018
- ❖ Participated in CSIR & DST-SERB Sponsored 6th National Conference on Emerging Trends and New Challenges in Biotechnology – Advances in Biomaterials and Applications (NCETNCB – 2018) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 31st January & 1st February 2018
- ❖ Participated in the National Conference on Emerging Trends in Exploring Phytochemicals and Biomolecules for Disease Cure (PROTEOFEST – 2018) organised by Department of Biochemistry, Rev. Jacob Memorial Christian College, Ambilikkai, Dindigul held on 06th February 2018.
- ❖ Participated in 6th CSIR & DST-SERB Sponsored 6th National Conference on Emerging Trends and New Challenges in Biotechnology – Advances in Biomaterials and Applications (NCETNCB – 2018) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 31st January & 1st February 2018 .
- ❖ Participated in DST-SERB Sponsored 7th National Conference on Emerging Trends and New Challenges in Biotechnology – Advances in Bioplastics (NCETNCB – 2019) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 30th & 31st January 2019.
- ❖ Participated in One day State level workshop on Reforms in Curriculum Design and Evaluation based on OBE organized and conducted by Internal Quality

Assurance Cell and Office of the Controller of Examinations, S.F.R College for Women, Sivakasi on 27th July 2019.

- ❖ Participated in the MHRD sponsored “Capacity building programme on Outcome based Education in the Digital Era (SOE-PMMMMNMTT Programme) organised by Department of Commerce, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu on 24th & 25th January 2020.
- ❖ Participated in CSIR, UGC and MOES sponsored 8th National Conference on Emerging Trends and New Challenges in Biotechnology – an Insight on Environmental Toxicology (NCETNCB – 2020) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 30th & 31st January 2020.
- ❖ Participated in UGC – Grant Sponsored National Workshop on “Entrepreneurship Development Programme (EDP) in Apiculture, Sericulture and Mushroom Culture” organized by PG & Research Department of Zoology, Vivekananda College, Tiruvedakam West, Madurai on 23.02.2021.
- ❖ Participated in the SERB sponsored workshop on “Introduction to Genetic DataAnalysis” organized by ICMR-Vector Control Research Center, Field Station, Madurai on 22.03.2021 & 23.03.2021.
- ❖ Participated in the National Webinar on Human Rights amid Covid 19: Choices and Outcomes organized by IQAC & Department of Political Science, Parvati Devi College of Arts and Commerce, Karnataka on 11.06.2021.
- ❖ Participated in the National Webinar on Sustainable Development and Health Infrastructure: Post Covid Challenges in Indian Context organized by Department of Economics & Geography, Rani Parvati Devi College of Arts and Commerce, Karnataka on 12.06.2021
- ❖ Participated in the UGC-Sponsored Webinar on Climate Change organized by UGC-Human Resource Development Centre (HRDC), Bharathidasan University, Tiruchirappalli on 11.08.2021.
- ❖ Participated in Virtual Lecture Workshop on “Sustainable Aquaculture Technologies (SAT-2021)” organized by Department of Marine Science, School of Marine Sciences, Bharathidasan University, Tiruchirappalli from 09.08.2021 to 14.08.2021.
- ❖ Participated in the UGC-Sponsored Webinar on Professional Ethics for Teachers organized by UGC-Human Resource Development Centre (HRDC), Bharathidasan University, Tiruchirappalli on 11.08.2021.

- ❖ Participated in the UGC-Sponsored Webinar on MOOCS Development & Delivery organized by UGC-Human Resource Development Centre (HRDC), Bharathidasan University, Tiruchirappalli on 26.08.2021.
- ❖ Participated in the Indo- Malaysian Two-Day International E-Conference, jointly organized by School of Chemistry, Madurai Kamaraj University, Madurai, Tamil Nadu, India & BioSES Research Interest Group, Faculty of Science and Marine Environment, Universiti Malaysia Terengganu, Malaysia, partially funded by MKU-RUSA Phase II Scheme, during 16-17th September 2021.
- ❖ Participated in five days online Faculty Development Program on “Sustainability, Conservation and Protection of Water Sources” on account of celebration of the World Water Day, 2022 organised by the Centre for Ocean Research (COR) Col. Dr. Jeppiaar Research Park jointly with the Centre for Remote Sensing and Geoinformatics and Department of Civil Engineering, Sathyabama Institute of Science and Technology (SIST) in association with Earth Science and Technology Cell (ESTC), Ministry of Earth Sciences and the IUCN-Commission on Ecosystem Management from 22.03.2022 to 26.03.2022
- ❖ Participated in three days training programme on ‘Psychosocial Care during COVID-19’ organized by Madurai Kamaraj University, National Institute of Mental Health and NeuroSciences (NIMHANS), Bengaluru and MS.Chellamuthu Trust & Research Foundation, Madurai from 24-3-2022 to 26-3-2022.
- ❖ Participated in the one-day Faculty Enrichment Programme on “Effective Data Collection and Documentation: NAAC Perspective” held on 7th May, 2022 at G.T.N Arts College (Autonomous), Dindigul.
- ❖ Participated in the two days “In-Service Teacher Training” Programme in Life Science, held at Mother Teresa Women’s University, Kodaikanal on 12.05.2022 and 13.05.2022.

INTERNATIONAL WEBINAR ORGANISED (Online):

- International level webinar on “Modern Trends in Infectious Diseases and Antibiotics” addressed by Dr. S. PALANISAMY, Research Professor, Gangneung Wonju National University, Republic of Korea and Dr. Kannappan Arunachalam, Postdoctoral Researcher, Shanghai Jiao Tong University, China on 12.09.2020
- International Level webinar on “Compressed bio-methane gas from pig farms and elephant grass for transportation” delivered by Dr. RAMESHPRABU RAMARAJ, Assistant

Dean, School of Renewable Energy, Maejo University, Sansai, Chiang Mai Province, Thailand on 12.08.2021

- International Level webinar on “Emerging and Reemerging Microbial Diseases” delivered by Dr. Ponmurugan K, Department of Botany and Microbiology, College of Sciences, King Saud University, Riyadh, Saudi Arabia on 03.09.2021

NATIONAL WEBINAR ORGANISED (Online):

✓ National level webinar on "Structure and Genome of COVID-19" conveyed by Prof. V. PARTHSARATHY, Associate Professor, Vivekananda College on 31.08.2020

✓ National level webinar on “Principles and Applications of Regulatory Ecotoxicology” delivered by Dr. S. ANBUMANI, Senior Scientist, Ecotoxicology Laboratory, CSIR-Indian Institute of Toxicology Research (IITR), Lucknow on 30.09.2020

✓ National level webinar on “Wildlife Conservation: Issues and Challenges” delivered by Dr. S. JAYAKUMAR, Assistant Professor of Zoology, A.V.C. College (Autonomous), Mayiladuthurai on 07.10.2020

✓ National level webinar on “An Introduction to Animal Health Economics” expressed by Dr. R. JOHN CHRISTY, Associate Professor, Division of Animal Husbandry, Annamalai University on 22.10.2020

✓ National level webinar on “Zebrafish as a Model System in Biology: Molecular & Nanomedical Approach” delivered by Dr. R. RAJESH KANNAN, Associate Professor (Research) and Head, Sathyabama Institute of Science and Technology (Deemed to be University), Chennai on 29.10.2020

✓ National level webinar on “Entrepreneurial opportunities for graduates: Recent Innovations & Development” addressed by Dr. S. ARAVIND, Managing Director & CEO, Elies Biotech. Erode on 17.11.2020

✓ National Level webinar on “Marine Bioresources and their Services” delivered by Dr.P.Santhanam, Associate Professor, Department of Marine Science, Bharathidasan University, Tiruchirappalli on 16.03.2021

✓ National Level webinar on “Studies on Marine Biofouling and Control” delivered by Dr.Dhinakaran Inbakandan, Head & Scientist-E/Associate Professor, Centre for Ocean

Research, (DST-FIST Sponsored Centre), Sathyabama Institute of Science and Technology, Chennai on 20.07.2021

✓ Student Development Programme on “Spirulina Production at Mass level” delivered by Mr.MUTHIAHP, Deputy Manager, Dr.Willmar Schwable India Private Limited, Kodairoad, Dindigul on 18.12.2021.

✓ Faculty Enrichment Programme on “Digital Technologies in Teaching and E-Content Preparation” (Outreach activities for College Teachers – DBT Star College Scheme) delivered by Dr. S. Senthilnathan, Director, UGC-HRDC and Professor, Department of Educational Technology, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India held on 08.02.2022.

✓ Skill Development Programme on “Stunning Design Using CANVA” (Outreach activities for Laboratory Staff – DBT Star College Scheme) delivered by Mr.S.Muthuganesh, Assistant Professor, Department of Computer Science, Vivekananda College, Tiruvedakam West held on 25.03.2022.

CONFERENCES AND WORKSHOPS ORGANIZED:

- ❖ ZOO-FEST -2016 (an Inter-Collegiate Meet) organized by the Post Graduate and Research Department of Zoology on 8th March 2016, Saturday.
- ❖ ZOO-FEST -2017 (an Inter-Collegiate Meet) organized by the Post Graduate and Research Department of Zoology 18th December 2017 (Monday).
- ❖ One day National level Workshop on Genomic Analysis and Protein Designing using internet tools organized by the Post Graduate and Research Department of Zoology and funded by TNSCST on 6th October 2016 (Thursday).
- ❖ One day National level Workshop on Genomic Analysis and Protein Designing using internet tools organized by the Post Graduate and Research Department of Zoology and funded by TNSCST on 12th December 2019 (Thursday).

ONLINE INTERNATIONAL LEVEL WEBINARS/ FDP/ WORKSHOP/ CONFERENCES/ QUIZ ATTENDED:

- ❖ Participated in an online International faculty development program on “How to write effective case study?” organized by Atmiya university, Rajkot on 2nd May, 2020.
- ❖ Participated in the international e-quiz programme on “Economic effects of pandemics” organized by PG & research centre in economics on 17th May, 2020.

- ❖ Participated in the International webinar on “Biodiversity” organized by PG & research department of zoology, The American College, Madurai on 22nd May, 2020.
- ❖ Participated in an online International webinar on “Impact of post covid 19 on Indian economy” organized by department of commerce, Rathinam college of arts and science, Coimbatore on 23rd May, 2020.
- ❖ Participated in the International Webinar on “COVID 19 and continuing relevance” organized by department of commerce, The American College, Madurai on 23rd May, 2020.
- ❖ Participated in International webinar on “Emerging avenues in HEIs: A Holistic approach” organized by IQAC-Agurchandmanmulljain college, Chennai on 27th May, 2020.
- ❖ Participated in the international webinar on “Brief perspectives of nanotechnology biosynthesis and bio-application of nanoparticles” organized by the PG & research centre of zoology, Jayaraj Annapackiam college for women (autonomous), Theni from 27th to 29th May, 2020.
- ❖ Participated in the one day international webinar on “Improving the visibility of research work” organized by Poompuhar college (autonomous), Melaiyur on 28th May, 2020.
- ❖ Participated in the International level faculty development program on “Mental wellbeing in personal and professional life” organized Nehru institute of management studies (NMS) on 28th May, 2020.
- ❖ Participated in the International webinar on “Novel approaches: Human therapy and animal nutrition” organized by the DDE-microbiology wing, Alagappa university, Karaikudi from 28th May to 30th May, 2020.
- ❖ Participated in the International virtual conference on “Recent updates and current advances” organized by department of microbiology, The American College, Madurai on 3rd and 4th June, 2020.
- ❖ Participated in the International webinar on “What next? A deep dive” organized by the PG department of computer science, G.T.N Arts College (Autonomous), dindigul on 5th June, 2020.
- ❖ Participated in the International level online event on “Stress management during pandemic situation” organized by J.G college of commerce, Hubballi on 15th June, 2020.

- ❖ Participated in the international webinar on “Materials and their applications” organized by department of chemistry & physics, SSM institute of engineering and technology, Dindigul on 18th June and 19th June, 2020.
- ❖ Participated in the international level webinar on “Biological sciences” organized by PG & research department of zoology, Rajah Serfoji government college (Autonomous), Thanjavur from 20th June to 22nd June, 2020.
- ❖ Participated in the international webinar on “Impact on covid-19 on human resources in higher education” organized by School of management studies, Gandhigram rural institute (deemed to be university) during 24th June to 25th June, 2020.
- ❖ Participation in the international webinar on “Thin film deposition techniques and its applications” organized by PG & research department of physics, IQAC-The Madurai diraviyamthayumanavarhindu college, Tirunelveli on 25th June, 2020.
- ❖ Participated in the International webinar on “Quality for young milds” organized by PG and research department of chemistry, G.T.N arts college (Autonomous), Dindigul on 26th June, 2020.
- ❖ Participated in the International webinar on “Role of individual performance in institutional ranking & development” Organized by central library & Department of library and information on 27th June, 2020.
- ❖ Participated in the two days international webinar on “Issues & challenges to Indian society in scenario of COVID-19” organized by the department of sociology, Arya Mahila PG college, Varanasi from 30th June to 1st July, 2020.
- ❖ Participated in the International webinar on “Curb on COVID-19 through chemistry:- potential small molecules for possible COVID-19 treatment” Organized by PG & research department of chemistry, Government arts college (Autonomous), Coimbatore on 4th July, 2020.
- ❖ Participated in the International webinar on “COVID 19- A mysterious infection-limited evidence, unawareness questions” organized by PG department of chemistry, HajeeKarutharowtherhowdia college, Theni on 4th July, 2020.
- ❖ Participated in the 2nd International webinar series on “Forensic science for society” organized by department of Forensic psychology, Government institute of forensic science, Aurangabad on 5th July, 2020.
- ❖ Participated in the International webinar on “Finding opportunities in the times of trouble” organized by department of Business administration & Centre for institute

industry interface of Geetha Jeevan arts & science college, Thoothukudi on 6th July, 2020.

- ❖ Participated in the international online FDP on “Advancements in applied chemistry (AAC-2020)” organized by the department of science, St. Joseph’s college of engineering, Chennai from 6th to 8th July, 2020.
- ❖ Participated in the three days international webinar on “Recent advances in life sciences” organized by department of zoology, Sri Meenakshi government arts college for women (Autonomous), Madurai from 8th July to 10th July, 2020.
- ❖ Participated in the International virtual conference on “Physical fitness & yoga- a remedy to COVID-19” organized by department of physical education & sports, The tamilnadu Dr. Ambedkar law university, Chennai 26th July, 2020.
- ❖ Participated in the three day international webinar on “New perspectives in life sciences” organized by Department of life sciences, SrimadAndavan arts and science college (autonomous), Tiruchirappalli from 29th to 31st July, 2020.
- ❖ Participated in the International level webinar on “Modern Trends in Infectious Diseases and Antibiotics” addressed by Dr. S. PALANISAMY, Research Professor, Gangneung- Wonju National University, Republic of Korea and Dr. Kannappan Arunachalam, Postdoctoral Researcher, Shanghai Jiao Tong University, China, organized by PG & research department of zoology, Vivekananda college on 12th September, 2020.
- ❖ Participated in the international webinar on “Challenges in the control of COVID-19 (A molecular biological approach)” organized by PG & research department of zoology, Vivekananda college on 20th September, 2020.
- ❖ Participated in the International webinar on “Challenges and opportunities in higher education during and after COVID-19 pandemic” organized IQAC & Marathi department initiative and Bell curve labs, USA, Rani parvati devi college of arts & commerce held on 22nd May, 2021.
- ❖ Participated in the “Two weeks International workshop on emerging trends in the field of science and technology” organized by department of physics, Sathyabama institute of science and technology from 16th to 28th, August, 2021.
- ❖ Participated in the International Level webinar on “Emerging and Reemerging Microbial Diseases” delivered by Dr. Ponmurugan K, Department of Botany and Microbiology, College of Sciences, King Saud University,

Riyadh, Saudi Arabia organized by the PG & research department of zoology, Vivekananda College, Madurai on 3rd September, 2021.

- ❖ Participated and Presented research topic on “Biologically synthesized silver nanoparticles from *Murraya koenigii*, *Moringa oleifera*, *Curcuma aromatica* and *Piper betle* and its antimicrobial activity against selected Human Pathogens ” in oral presentation at Indo-Malaysian two-day international E-conference on “Recent trends in natural products research and their applications (RTNPRA-21), organized by School of chemistry, Madurai Kamaraj University during 16-17th September, 2021.

ONLINE NATIONAL LEVEL WEBINARS / FDP/ WORKSHOP/ CONFERENCES/ QUIZ ATTENDED:

- ❖ Participated in the National Level webinar on “Marine Bioresources and their Services” delivered by Dr.P.Santhanam, Associate Professor, Department of Marine Science, Bharathidasan University, Tiruchirappalli on 16th March, 2021.
- ❖ Participated in the faculty development programme webinar series (Live interactions) organized by IQAC under UGC PARAMARSH scheme, Sri GVG Visalakshi college for women, Udumalpet during 3rd to 9th May, 2020.
- ❖ Participated in the national level quiz on “Biodiversity and its conservation” organized by the department of zoology, Government arts college for women, Sivagangai.
- ❖ Participated in the national level E-quiz on “E-Commerce-2020” organized by department of commerce with CA, Sri Krishna Adithya College of arts and science, Coimbatore on 4th May, 2020.
- ❖ Participated in the national level E-quiz on “Research methodology” organized by department of commerce (The professional accounting), The standard fireworks Rajaratnam College for women, Sivakasi, on 4th May, 2020.
- ❖ Participated in the online quiz on “Information technology skills” organized Department of Information technology, J.J College of arts and science, Pudukottai on 4th May, 2020.
- ❖ Participated in the faculty development programme webinar (Live interactions) on “Role of IQAC in higher education institutes” organized IQAC under UGC

PARAMARSH scheme, GVG Visalakshi college for women, udumalpet on 5th May, 2020.

- ❖ Participated in the E-quiz on “Knowit-2” organized by department of CA (BCA), SNMV College of arts and science, Coimbatore on 7th May, 2020.
- ❖ Participated in the webinar on “ Digital tools for E-Content development” organized by the department of computer science (aided), J.K.K Nataraja college of arts & science, Kumarapalayam on 9th May, 2020.
- ❖ Participated in the IIDE’s online webinar on “Digital marketing 101” on 12th May, 2020.
- ❖ Participated in the digi talk on “Now or Never” organized by Nehru institute of management studies (NIMS), Coimbatore on 12th May, 2020.
- ❖ Participated in the webinar on “Impact of COVID-19 on Indian economy” organized by IQAC & Department of corporate secretary ship of the college, C.Abdul Hakeem College, Ranipet on 12th May, 2020.
- ❖ Participated in the national level E-quiz on “IPR” organized by research centre in commerce, The standard fireworks Rajaratnam College for women, Sivakasi, on 12th May, 2020.
- ❖ Participated in the webinar on “Knockdown the lockdown” Expert talk series-I organized by the department of biotechnology, KSR college of arts & science from 13th to 15th May, 2020.
- ❖ Participated on Institution’s innovation council webinar on “Prospective and essentiality of agricultural sectors in post COVID-19” organized by the department of biotechnology, Rathinam College of arts and science, Coimbatore on 14th May, 2020.
- ❖ Participated in the “Covid-19 awareness quiz” organized by department of CA- Thiruvalluvar university model constituent college, Cuddalore on 14th May, 2020.
- ❖ Participated in quiz on “Innovation and design thinking” organized by Institution’s innovation council of Sri Sarada College for women (Autonomous), Salem on 14th May, 2020.
- ❖ Participated in the webinar on “Insights on infectious and rare diseases” organized by the department of zoology, G.T.N arts college (Autonomous), Dindigul on 15th May, 2020.

- ❖ Participated in the faculty development program on “Faculty development program on NAAC accreditation” organized by RD’s Shri Chhatrapati Shivajiraje college of engineering, Pune from 10th May, 2020 to 15th May, 2020.
- ❖ Participated in the Faculty development programme national webinar on “e-content development methodology: Four quadrant model, QERs and copyright issues” organized by Guru angad dev teaching learning centre SGTB khalsa college, University of Delhi under PMMMMNMTT of MHRD on 15th May 2020.
- ❖ Participated in the FDP on “Teaching pedagogy after COVID-19” organized by department of commerce and economics, Bharath institute of higher education and research, on 15th May, 2020.
- ❖ Participated in the online quiz on “Economic stimulus by govt. of India to tackle pandemic crisis” organized by IQAC- S.K.S.S arts college,Thiruppanandal on 16th May, 2020.
- ❖ Participated in the E-quiz on “Basic concepts of genetics” organized by department of microbiology (SF)-Kamaraj college, Tuticorin on 16th May, 2020.
- ❖ Participated in the webinar on “Importance of biodiversity for the welfare of mankind” organized by Aurora’s degree & PG college on 16th May, 2020.
- ❖ Participated in the webinar on “Healthy lifestyles practices” organized by department of physical education, Kumaraguru institutions and NGM College, Pollachi on 16th May, 2020.
- ❖ Participated in the national webinar on “Pedagogy of teaching and learning amidst COVID-19 pandemic” organized by department of English, Bappasrinarain vocational post graduate college (KKV), Lucknow on 17th May, 2020.
- ❖ Participated in the national online quiz on “Fundamentals of nanoscience” organized by department of Physics-ThiruKalanjiappar government arts college, Vriddhachalam on 19th May, 2020.
- ❖ Participated in the webinar on “Career opportunities in science” organized by the school of chemical and biotechnology, SASTRA deemed to be university on 20th May, 2020.
- ❖ Participated in the national webinar on “How to bring lasting changes in students” organized by department of chemistry, St. Joseph’s college for women, tirupur on 21st May, 2020.

- ❖ Participated in the national webinar on “Biodiversity informatics and documentation through citizen science on the India Biodiversity Portal” organized by the department of zoology, St. Xavier’s college for women, Aluva on 22nd May, 2020.
- ❖ Participated in the webinar “Intellectual property rights and patent filing” organized by Rajiv Gandhi national institute of Intellectual property management, Aurora’s degree & PG College, Nagpur on 22nd May, 2020.
- ❖ Participated in the webinar on “Role of materials science in biotechnology” organized by the department of biotechnology, Parthyusha engineering college, Chennai on 23rd May, 2020.
- ❖ Participated in the national level quiz contest on “Exercise NCC Yogdan-COVID 19” organized by NCC Army wing, Thiagarajar College, Madurai on 23rd May, 2020.
- ❖ Participated in the online awareness quiz programme on “COVID-19” organized by department of microbiology-Yadava College, Madurai on 23rd May, 2020.
- ❖ Participated in the national level FDP on “Building a predictive understanding of microbial communities” organized by PG & research department of Zoology, Nirmala College for women (autonomous), coimbatore on 23rd & 24th May, 2020.
- ❖ Participated in the Web colloquium on “Corona, The unwanted companion but an invisible teacher” organized by International school of management, Patna on 24th May, 2020.
- ❖ Participated in the national level E-quiz on “IPR” organized by department of economics-Vivekananda College, Madurai on 25th May, 2020.
- ❖ Participated in the webinar on “Image analytics and processing” organized by the department of computer science, V.O Chidambaram College, Thoothukudi on 25th May, 2020.
- ❖ Participated in the national level webinar on “Impact of covid-19 pandemic on Indian economy” organized by the department of economics, PDEA’s Annasahebmagamahavidyala, Pune on 25th May, 2020.
- ❖ Participated in the webinar on “Recent trends in energy materials and technology: Research and applications” organized by the department of physics, S.T Hindu College, Nagercoil on 25th May, 2020.
- ❖ Participated in the webinar on “Teachers and technology” organized by the department of management studies, Noorul Islam centre for higher education, Kanyakumari on 26th May, 2020.

- ❖ Participated in the national level live webinar on “Contemporary challenges in co-operative sector” organized by School of skill and entrepreneurship development, Karnataka state rural development and panchayat raj university, GADAG on 26th May, 2020.
- ❖ Participated in the three days national level workshop on “A review of the new NAAC methodology: from AQAR to PTV” organized by IQAC of Gokhale education society’s arts, commerce and science college, Shreewardhan from 26th to 28th May, 2020.
- ❖ Participated in the Faculty development programme national webinar on “Women in higher education issues and challenges during corona pandemic” organized by Guru angad dev teaching learning centre SGTB khalsa college, University of Delhi under PMMMNMTT of MHRD on 27th May 2020.
- ❖ Participated in the online national webinar on “Data analysis and statistical computing” organized by department of statistics, Institute of social sciences, Dr. Bhimrao Ambedkar university, Agra on 27th May, 2020.
- ❖ Participated in the webinar on “ Antiviral marine macroalgae sulfated polysaccharides to boost immunity as well as active against respiratory infections” organized by PG & research department of botany, V.O Chidambaram college on 27th May, 2020.
- ❖ Participated in the webinar on “Prevention of disease control through solid waste management ” organized by the department of science and humanities (Chemistry), K. Ramakrishnan college of technology, Tiruchirappalli on 27th May, 2020.
- ❖ Participated in the national webinar on “Covid-19 and social security measures for unorganized workers in India” organized by the social transformation centre, Madurai Kamaraj University, Madurai on 28th May, 2020.
- ❖ Participated in webinar on “5G technology & its applications” organized by the department of Electronic and communication engineering, Sri Vasavi institute of engineering & technology, Nandamuru on 28th May, 2020.
- ❖ Participated in the national level E-quiz on “gender equity awareness” organized by IQAC-Vivekananda College, Madurai on 28th May, 2020.
- ❖ Participated in the national level E-quiz on “Basic statistics” organized by department of economics-Vivekananda College, Madurai on 28th May, 2020.

- ❖ Participated in the webinar on “Cancer care in the covid-19 era” organized by the department of microbiology and biotechnology, S. Vellaichamy Nadar College, Madurai on 28th May, 2020.
- ❖ Participated in the national webinar on “Fashion your future with right investment choices” organized by Sri Parasakthi college for women, courtallam on 29th May, 2020.
- ❖ Participated in the webinar on “Artificial intelligence” organized by the department of information technology, Easwari engineering college, Chennai on 30th May, 2020.
- ❖ Participated in the online FDP on “Recent trends in material frontiers” organized by the department of science, St. Joseph college of engineering, Chennai on 30th May, 2020.
- ❖ Participated in the webinar on “Data visualization” organized by department of CS, V.O Chidambaram College on 30th May, 2020.
- ❖ Participated in the virtual lecture workshop on “Bio-nano interface for COVID-19” organized by department of zoology and microbiology, Thiagarajar College, Madurai on 31st May, 2020.
- ❖ Participated in the webinar on “Urbanization and its contribution to climate change” organized by the department of environmental sciences, Bishop Heber college, Tiruchirappalli on 2nd June, 2020.
- ❖ Participated in the international webinar on “Nanoscience- 2020” organized by department of physics, Christian college, Kattakada on 3rd and 4th June, 2020.
- ❖ Participated in the chemistry live webinar on “Nano structured metal oxide and its hybrids for environmental and biological applications” organized by the department of chemistry, PSNA college of engineering and technology on 4th June, 2020.
- ❖ Participated in webinar on “Business in social media” organized by department of management studies, Dr. N.G.P institute of technology on 9th June, 2020.
- ❖ Participated in the expert talk on “Effective teaching pedagogy” organized by International school of management, Patna on 12th June, 2020.
- ❖ Participated in the webinar on “Soft skills for career development” organized by PG department of commerce with CA (SF), Cardamom planters’ association college, Bodinayakanur on 12th June, 2020.

- ❖ Participated in the webinar on “Mendeley for researchers: Bibliography and networking” organized by department of ECE, KPR institute of engineering and technology, Coimbatore on 13th June, 2020.
- ❖ Participated in the webinar on “Yoga vs COVID-19” organized by the department of physical education, Vivekananda college, Madurai on 21st June, 2020.
- ❖ Participated in the national webinar on “A journey to drug discovery: Computational chemistry approach” organized by Department of science and humanities (Chemistry), TJS engineering college on 22nd June, 2020.
- ❖ Participated in the webinar on “Career for physics graduates after graduation” organized by department of physics, Vivekananda college on 22nd June, 2020.
- ❖ Participated in the “COVID-19 awareness quiz” organized by IQAC, Seethalakshmiramaswami college (autonomous), Tiruchirappalli on 24th June, 2020.
- ❖ Participated in the national level webinar on “Medicinal plants for immunity, strength and vitality” organized by department of chemistry, KINGS engineering college, Chennai on 25th June, 2020.
- ❖ Participated in the webinar on “Challenges and complications in research” organized by PG & research department of commerce, Holy cross home science college, Thoothukudi on 26th June, 2020.
- ❖ Participated in the one day online workshop on “Blue pottery” organized by the department of costume design and fashion, NIFT-TEA College of knitwear fashion on 30th June, 2020.
- ❖ Participated in the national webinar on “Yoga” organized by PG & research department of zoology, Rajah Serfoji government college, Thanjavur, from 1st July to 3rd July, 2020.
- ❖ Participated in the International webinar on “Recent trends in life sciences” organized by department of Zoology, G.T.N arts college, Dindigul on 2nd, 3rd and 4th July, 2020.
- ❖ Participated in the webinar on “Holistic HR-Post COVID phase 2.0” organized by Xavier’s institute of business administration, St. Xavier’s College, palayamkottai on 7th July, 2020.
- ❖ Participated in the virtual summit- series I on “Paradigm shift in consumer behavior: reorientation of marketing and supply chain strategies” organized by department pf commerce and management studies- BSA crescent institute of science & technology

and PG department of commerce- shift II, Stella maris college from 7th July to 9th July, 2020.

- ❖ Participated in the five days national level webinar knowledge series on “Horizons in research” organized by Tamil Nadu teachers education university, Chennai, Lady Willingdon institute of advanced study in education, Chennai and Stella matutina college of education, Chennai on 13th July to 17th July, 2020.
- ❖ Participated in the national level webinar on “Sustainable development goals for business” organized by department of commerce, V.O Chidambaram college, Thoothukudi on 14th July, 2020.
- ❖ Participated in the national webinar on “Innovative online pedagogies-teaching 2.0” organized by Entercon on 19th July, 2020.
- ❖ Participated in the webinar on “English phonetics and pronunciation practice” organized by department of English, Muthayammal College of arts & science, Rasipuram on 22nd July, 2020.
- ❖ Participated in national level webinar on “Citation of sources in APA format (7th edition)” organized by IQAC & centre for research of V.O.C college & education, Thoothukudi on 25th July, 2020.
- ❖ Participated in the webinar on “ICT initiatives of MHRD for online learning” organized by the central library & department of library and information science, G.T.N arts college (autonomous), Dindigul on 27th July, 2020.
- ❖ Participated in online FDP on “Redefining education through gamification-teaching learning tools for digital era” organized by the department of B.Com (AM & FS), PSGR Krishnammal college for women on 27th July, 2020.
- ❖ Participated in hands on workshop on “Inbound digital marketing” organized by MEASI institute of management on 28th July, 2020.
- ❖ Participated and completed online certificate course on “Soft skills” organized by Department of English, Pioneer Kumaraswamy College, nagercoil from 27th July to 4th August, 2020.
- ❖ Participated in the webinar on “Waste to energy generation: Materials and techniques” organized by Pratap university on 29th August, 2020.
- ❖ Participated in the National level webinar on “Structure and Genome of COVID-19” conveyed by Dr. V. Parthasarathy, Associate Professor, organized by PG & research department of zoology, Vivekananda College on 31st August, 2020.

- ❖ Participated in the national webinar on “Open educational resources for learning from home” organized by PG & research department of zoology, Vivekananda college on 7th September, 2020.
- ❖ Participated in the national webinar on “Principles and applications of regulatory ecotoxicology” delivered by Dr. S. ANBUMANI, Senior Scientist, Ecotoxicology Laboratory, CSIR-Indian Institute of Toxicology Research (IITR), Lucknow , organized by PG & research department of zoology, Vivekananda college on 9th September, 2020.
- ❖ Participated in the environmental awareness webinar on “Wildlife conservation: Issues and challenges” delivered by Dr. S. JAYAKUMAR, Assistant Professor of Zoology, A.V.C. College (Autonomous), Mayiladuthurai, organized by PG & research department of zoology, Vivekananda college on 7th October, 2020.
- ❖ Participated in the International webinar on “Treatment of COVID-19 an ethnobotanical perspective” organized by PG & research department of zoology, Vivekananda college on 14th October, 2020.
- ❖ Participated in the National level webinar on “An Introduction to Animal Health Economics” expressed by Dr. R. JOHN CHRISTY, Associate Professor, Division of Animal Husbandry, Annamalai University on 22nd October, 2020.
- ❖ Participated in the webinar on “Zebrafish as a model system in biology: Molecular and nanomedical approach” delivered by Dr. R. RAJESH KANNAN, Associate Professor (Research) and Head, Sathyabama Institute of Science and Technology (Deemed to be University), Chennai organized by PG & research department of zoology, Vivekananda college on 29th October, 2020.
- ❖ Participated in the webinar on “Entrepreneurial opportunities for graduates: recent innovations & development” addressed by Dr. S. ARAVIND, Managing Director & CEO, Elies Biotech. Erode, organized by PG & research department of zoology, Vivekananda college on 17th November, 2020.
- ❖ Participated in the three days national level faculty development program on “Role of faculty in moulding students” organized by HKBK degree college held on 24th, 25th and 26th, May, 2021.
- ❖ Participated in the national webinar on “Human rights amid Covid 19: choices and outcomes” organized by IQAC & Department of political science initiative Rani parvati devi college of arts & commerce held on 11th June, 2021.

- ❖ Participated in the national level webinar on “Balancing environment & tourism for the future” organized by department of geography, Queen Mary’s college (Autonomous) Chennai on 11th June, 2021.
- ❖ Participated in the national webinar on “Sustainable development and health infrastructure: Post covid challenges in Indian context” organized by IQAC & Department of economics and geography initiative Rani parvati devi college of arts & commerce held on 12th June, 2021.
- ❖ Participated in “one week online short term training program on data analysis using MS Excel, IBM SPSS and R” organized by the Human resource development centre, Univeristy of Hyderabad from 14th to 19th June, 2021.
- ❖ Participated in online webinar on “Studies on marine biofouling and control” delivered by Dr.DhinakarasamyInbakandan, Head & Scientist-E/Associate Professor, Centre for Ocean Research, (DST-FIST Sponsored Centre), Sathyabama Institute of Science and Technology, Chennai, organized by PG & research department of zoology, Vivekananda College on 20th July, 2021.
- ❖ Participated in the national level webinar on “Business sustainability and digitalization in modern era” organized by department of commerce (Shift-II), St. Xavier’s college (Autonomous), palayamkottai on 26th July, 2021.
- ❖ Participated in the National webinar on “Population and conservation status of Asian elephants & tigers in India” organized by PG & research department of zoology, Vivekananda College, on 7th August, 2021.
- ❖ Participated in Virtual lecture workshop on “Sustainable aquaculture technologies (SAT-2021)” organized by Department of marine science, Bharathidasan university, held during 9th to 14th August, 2021.
- ❖ Participated in the UGC-Sponsored webinar on “Climate change” organized by UGC-HRDC, Bharathidasan University on 11th August, 2021.
- ❖ Participated in the International Level webinar on “Compressed bio-methane gas from pig farms and elephant grass for transportation” delivered by Dr. RAMESHPRABU RAMARAJ, Assistant Dean, School of Renewable Energy, Maejo University, Sansai, Chiang Mai Province, Thailand organized by PG & research department of zoology, Vivekananda College, on 12th August, 2021.
- ❖ Participated in the UGC-Sponsored webinar on “Professional ethics for teachers” organized by UGC-HRDC, Bharathidasan University on 16th August, 2021.

- ❖ Participated in the UGC-sponsored webinar on “MOOCs development & delivery” organized by UGC-HRDC, Bharathidasan University on 26th August, 2021.
- ❖ Participated in the ten days online faculty development program on “Marine Bio & Nanotechnology” organized by Centre for Ocean Research (COR), Sathyabama Institute of science and technology (SIST) from 1st Dec to 10th December, 2021.
- ❖ Participated in “one week short term program on disaster management” organized by the Human resource development centre, University of Hyderabad from 13th to 18th December, 2021.
- ❖ Participated in the Student Development Programme on “Spirulina Production at Mass level” delivered by Mr.MUTHIAH P, Deputy Manager, Dr.WillmarSchwable India Private Limited, Kodairoad, Dindigul on 18th December, .2021.
- ❖ Participated in the Faculty Enrichment Programme on “Digital Technologies in Teaching and E-content preparation” (Outreach activities for College Teachers – DBT Star College Scheme) delivered by Dr. S. Senthilnathan, Director, UGC-HRDC and Professor, Department of Educational Technology, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India on 08.02.2022.
- ❖ Participated in the Five days Online Faculty Development Program on “Sustainability, Conservation & Protection of Water Resources” on account of Celebration of the World Water Day, 2022, organized by the Centre for Ocean Research (COR), Col. Dr. Jeppiar Research Park, jointly with the Centre for Remote sensing and Geoinformatics and Department of Civil Engineering, Sathyabama Institute of Science and Technology (SIST) in association with Earth Science and Technology Cell (ESTC), Ministry of Earth Sciences and the IUCN-Commission on Ecosystem Management, from March 22nd-26th, 2022.

ACTED AS A RESOURCE PERSON:

- ❖ Delivered an Invited lecture on “BIOENERGY” in DST Sponsored 4th National Conference on Emerging Trends and New Challenges in Biotechnology- Bioenergy: A step towards sustainable Future (NCETNCB – 2016) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 18th & 19th February 2016.
- ❖ Delivered Invited lecture on “NANOPARTICLES IN MOSQUITO LARVICIDAL ACTIVITY” in ICMR & DST-SERB Sponsored 6th National Conference on Emerging Trends and New Challenges in Biotechnology – Advances in

Biomaterials and Applications (NCETNCB – 2018) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 31ST January & 1st February 2018.

- ❖ Delivered Invited lecture on “BIOPLASTICS” in DST-SERB Sponsored 7th National Conference on Emerging Trends and New Challenges in Biotechnology – Advances in Bioplastics (NCETNCB – 2018) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 30th & 31st January 2019.
- ❖ Acted as a Chief Guest and delivered a lecture on “VERMITECHNOLOGY” in the Creation of Scientific Programme CSA-2019 organized by PG and Research Centre in Microbiology, M.G.R College, Hosur on 6th & 7th February 2019.
- ❖ Delivered an invited lecture on “AQUATOXICITY – AN OVERVIEW” in CSIR, UGC and MOES sponsored 8th National Conference on Emerging Trends and New Challenges in Biotechnology – an Insight on Environmental Toxicology (NCETNCB – 2020) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 30th & 31st January 2020.
- ❖ Delivered a Guest Lecture (Online) on “ROLE OF NANOPARTICLES IN DRUG DELIVERY” organized by PG and Research Centre in Biotechnology, M.G.R College, Hosur on 22nd December, 2020.
- ❖ Delivered a Guest Lecture (Online) on “VECTOR BORNE DISEASES – AN OVERVIEW” organized by PG and Research Centre in Microbiology, M.G.R College, Hosur on 25th January, 2021.

ACTED AS CHAIRED SESSION:

- ❖ Chaired Session on poster presentation in DST Sponsored 4th National Conference on Emerging Trends and New Challenges in Biotechnology-Bioenergy: A step towards sustainable Future (NCETNCB – 2016) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 18th & 19th February 2016.
- ❖ Chaired Session on oral presentation in CSIR & DST-SERB Sponsored 6th National Conference on Emerging Trends and New Challenges in Biotechnology– Advances in Biomaterials and Applications (NCETNCB – 2018) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 31st January & 1st February 2018.
- ❖ Chaired Session on oral presentation in DST-SERB Sponsored 7th National Conference on Emerging Trends and New Challenges in

Biotechnology – Advances in Bioplastics (NCETNCB – 2019) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 30th & 31st January 2019.

- ❖ Chaired Session on Poster presentation in CSIR, UGC and MOES sponsored 8th National Conference on Emerging Trends and New Challenges in Biotechnology – an Insight on Environmental Toxicology (NCETNCB – 2020) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 30th & 31st January 2020.

RESEARCH & PUBLICATION PROFILE:

PROJECT EXPERIENCE:

- ❖ Biodiversity of mosquito fauna in rural and urban pockets in Madurai with special reference to biting and resting behaviour and Evaluation of toxicity of chosen pesticides and plant extracts on selected vector mosquitoes. (Ph.D.,)
- ❖ Diversity of mosquito fauna in three selected sites of Tamil Nadu and Evaluation of toxicity of chosen plant extracts on vector mosquitoes. (M.Phil.)
- ❖ Effect of stem extract of *Cissus quadrangularis* and leaf extract of *Acalypha indica* and *Jatropha curcus* on the IV instar larvae of *Culex quinquefasciatus* and *Aedes aegypti*. (M.Sc.,)

PG PROJECT GUIDED:

- ❖ M.Sc. – 8

PAPERS PRESENTED IN INTERNATIONAL LEVEL PROGRAMMES:

- ❖ Synthesis of Silver Nanoparticles using leaf extract of *Justicia tranquebariensis* and its impact on the third instar larvae of *Ae. aegypti* in the International Conferences on Recent Trends in Biological Research – 2015 organized by Department of Microbiology, Ayya Nadar Janaki Ammal College, Sivakasi held on 22.12.2015.
- ❖ Isolation and biochemical characterization of *Escherichia coli* from different aquatic environmental sources and their antimicrobial activities in the international conference on Recent Trends in Biodiversity Conservation and Utilization organized by PG Department of Zoology, Syed Ammal Arts and Science College, Ramanathapuram held on 22.08.2019.
- ❖ Antimicrobial activity of Leaf extract of *Abutilon indicum*, *Calotropis gigantean* and *Solanum trilobatum* against *Escherichia coli* bacterium isolated from Mullai river water in the International Conference on “Innovative and Emerging Trends

in Botany” [ICIETB’2019] to be held on November 6th–7th, 2019 at Alagappa University, Karaikudi.

- ❖ Biologically synthesized silver nanoparticles from *Murraya koenigii*, *Moringa oleifera*, *Curcuma aromatica* and *Piper betle* and its antimicrobial activity against selected Human Pathogens in the Indo-Malaysian Two-Day INTERNATIONAL E- Conference, jointly organised by School of Chemistry, Madurai Kamaraj University, Madurai, Tamil Nadu, India & BioSES Research Interest Group, Faculty of Science and Marine Environment, Universiti Malaysia Terengganu, Malaysia, partially funded by MKU-RUSA Phase II Scheme, during 16-17th September, 2021.

PAPERS PRESENTED IN NATIONAL LEVEL PROGRAMMES:

- ❖ “Evaluation of Toxicity of chosen plant extract on vector mosquitoes” in UGC Sponsored national seminar on advances in biological sciences ABS-2010 on 22 and 23 January 2010 organized by Department of Zoology, Annamalai University.
- ❖ Influence of Vermicompost in root – knot nematode management as a function of soil fortification (NSVSRD 2010) organized by, GRI-DU, Gandhigram, 23rd – 24th March 2010.
- ❖ Diversity of mosquito fauna in three selected sites of Tamilnadu (EARSD - 2010) organized by Zoology wing – DDE, Annamalai University, on 20th and 21st August 2010.
- ❖ Impact of leaf extract *Pedaliium mulex* and Panchagavya on larval mortality, fecundity and hatchability of chosen vector mosquitoes (EARSD - 2010) organized by Zoology wing – DDE, Annamalai University, on 20th and 21st August 2010.
- ❖ Studies on larvicidal efficacy of Thiodan ec35% rhizome extract of *Zinziber officinale* Linn and *Acorus calamus* rose against *Culex quinquefasciatus* and *Aedes aegypti* in the national 4th conference of Medical Arthropodology organized by Centre for Research in Medical Entomology (ICMR), held at Madurai, 20 -21 December, 2010.
- ❖ Diversity of mosquito fauna in three selected sites of Usilampatti Taluk, Madurai district, Tamilnadu (NCBIO -2011) organized by Department of Biology, GRI, Gandhigram, 19-21 January 2011.
- ❖ Toxic effect of *Parthenium hysterophorus* , weed extract on vectors of Filarial and Dengue in the national 5th conference of Medical Arthropodology organized by

Centre for Research in Medical Entomology (ICMR), held at Madurai, during 18 -19 October,2011.

- ❖ Evaluation insecticidal properties of an indigenous plant, *Citrullus colocynthis* (Schrad) against mosquito larvae under laboratory conditions in the national 6th conference of Medical Arthropodology organized by Centre for Research in Medical Entomology (ICMR), held at Madurai, during 18 -19 October, 2012.
- ❖ Decolorization efficiency of *Aspergillus niger* on different textile dye effluents in the national conference to be held at MGR College, Hosur on 24th &25th January 2013.
- ❖ Biocontrol potential of *Metarhiziumanisopilae* (METSCH) Sorokin against *Marucatestulalis* (Pyraustidae) and *Adisuraatkinsoni* (Noctuidea:Lepidoptera) in the national conference on Microbial Technology for sustainable development (NCMITSUD) organized by Department of Biology, Gandhigram Rural Institute – Deemed University, Gandhigram held on 1st & 2nd February 2013.
- ❖ Evaluation of toxicity of chosen pesticides and plant extracts on selected vectormosquitoes in the Brain storming conference on Dengue Scenario in India, organized by Centre for Research in Medical Entomology held at Madurai during 25 – 26 July,2013.
- ❖ Synthesis of ecofriendly silver nanoparticles from *Morinda tinctoria* leaf extract and its larvicidal activity against *Culex quinquefasciatus* in the Brain Storming Conference on Emerging new epidemiological dimensions of Japanese encephalitis (JE) and other Acute Encephalitis Syndromes (AES) organized by Centre for Research in Medical Entomology (ICMR) at Madurai during 26th and 27th June 2014.
- ❖ Anticancer effect of *Ageratinaadenophora* leaf extract against cancer cell line in 10thNational conference on Recent Trends in Life Sciences: Research, Practices andApplication for Sustainable Development organized by Departments of Botany andZoology, Bharathiar University, Coimbatore during 7th & 8th September, 2017
- ❖ Assessment of Anti-fertility effect of leaf and stem extracts of *Mollugo pentaphylla* (L.) in female laboratory Albino Wister rat in CSIR & DST-SERB Sponsored 6th National Conference on Emerging Trends and New Challenges in Biotechnology – Advances in Biomaterials and Applications (NCETNCB –

2018) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 31st January & 1st February 2018.

- ❖ Larvicidal activity of synthesized silver nanoparticles using *Trianthemaportulacastrum* against *Aedes aegypti* in CSIR, UGC and MOES sponsored 8th National Conference on Emerging Trends and New Challenges in Biotechnology – an Insight on Environmental Toxicology (NCETNCB – 2020) held at PG and Research Centre in Biotechnology, M.G.R College, Hosur on 30th & 31st January 2020.