

Name and Qualification



Name : Dr. J. GOKULAKRISHNAN
Designation : Associate Professor & Head
Department : P.G. and Research Department of Zoology
Subject Interest : Zoology
Specialization : Environmental Diversity Conservation, Vector control
For more Information :

DETAILS OF PROFESSIONAL AND RESEARCH EXPERIENCE (SPECIFYING PERIOD)

Assistant Professor : Zoology
Institute : POOMPUHAR COLLEGE (AUTONOMOUS), Melaiyur.
Period : 2009
Teaching Area : ZOOLOGY

Assistant Professor& Head: Zoology

Institute : POOMPUHAR COLLEGE (AUTONOMOUS), Melaiyur
Period : 2012
Teaching Areas : Zoology

Associate Professor and Head

Institute : Poompuhar College(Autonomous) melaiyur 609 107
Period : Head since 2012 Associate Professor From 2021
Teaching Areas : Environmental biology biotechnology Developmental biology
Research Areas : marine diversity conservation , Aquaculture, vector Control

ACADEMIC PROFILE

Ph. D., : SACON Coimbatore

University : Bharathiyar University, Coimbatore.
Date and Place : 10 th August 2012
Research Supervisor : Dr. S. Bhupathy Senior Principal Scientist SACON Coimbatore

Title of Thesis : Breeding biology of Olive ridley Sea turtle, *Lepidochelys olivacea* (Eschscholtz, 1829) along the Poompuhar coast, Tamil Nadu, Southern India (November 2004 – March 2011).

M.Phil.,

University : Bharathidasan University
Main Subject : Zoology
Year : 2001
Marks : 73.8%
Supervisor : Dr. R. Bakthavathchalam, Associate professor
Title of Dissertation : **effect of growth rate on different supplementary feeds on Indian major carp's *catla catla* and *cirrineus mirugala* under field conditions.**

PG

University : Bharathidasan University
College : A.V.C College (Autonomous)
Main Subject : Wildlife Biology
Year : 2000
Marks : 67.2.%

UG

University : Bharathidasan University
College : Poompuhar College
Main Subject : Zoology
Year : 1996
Marks : 50 %

H.Sc.,

Board : STATE BOARD
Main Subject : Physics, Chemistry, Botany, Zoology
Year : 1992
Marks : 51%

S.S.L.C

Board : STATE BOARD
Main Subject : Tamil, English, Maths, Science, Social Science,.
Year : 1990
Marks : 51.4%

RESEARCH PROJECTS

Completed

Funding Agency : WWF (world Wild Life Fund) Delhi.
File Number :
Year : 2012
Amount Received : 50,000.
Title : Marine Turtle Habitat and Nesting Status in Tamil Nadu Coast

Funding Agency : WTI (Wild Life Trust of India) Noida Delhi.
File Number : RAP- 2012-1307
Year : 2012
Amount Received : 135000
Title : Whale Shark (*Ringodon typhis*) Tamilnadu Coast from 2012 - 2013

Funding Agency : WTI, IFAW and ERN
File Number : ERN/2015-2016/07
Year : 2015
Amount Received : 2, 07,500
Title : Emergency Relief Response flood Affected Animals Cuddalore District, Tamil Nadu December - 2015

Funding Agency : TNSCST (Students Group Project)
File Number : BS0653
Year : 2016
Amount Received : 10,000
Title : Screening for the presence of heamagglutination(s) with cytotoxic potential in crustaceans available along Poompuhar coast..

Funding Agency : TNSCST (Students Group Project)
File Number : BS0653
Year : 2023
Amount Received : 7500
Title : Btterfly Gardening to enhance the pollinators in theCoastal Agricltural Mayiladuthurai District.

Funding Agency : Department of Biotechnology (Co-Investigator)
File Number :No. BT/IN/Indo-US/Foldscope/39/2015
Amount Received : Rs. 8.00 lack
Title : To survey the distribution of *Vorticella* spp. in water bodies around Melaiyur -Tiruvengadu Panchayat, culture it and formulate it as a potential biocontrol agent against the developmental stages of mosquitoes

Amount Received : 7500
Title : Btterfly Gardening to enhance the pollinators in theCoastal Agricltural Mayiladuthurai District.

Funding Agency : National Institute of ocean technology, Ministry of Earth Science,TamilNadu Ariviyal palagai & Viggan Prackchar- 2023
Amount Received : Rs. 1.35lacks
Title : Marine Diversity Conservation Awareness programme .

WORKSHOPS ORGANIZED

1. **Funding Agency** : DBT GOI India
Date : 6th March 2019
Amount Received : 70000 Lacks
Place : Poompuhar College(Autonomous), Melaiyur.

RESEARCH GUIDANCE

M. Sc.,

Number of M.Sc Dissertation Produced :31

Ph. D.,

Number of PhD Scholars	: 4
Degree Awarded	: 4
Thesis Submitted	: 0
Synopsis Submitted	: 0
Currently Doing	: 1

AWARDS AND DISTINCTION

1. Best blood donation NSS coordinator award received from district collector
2. Tamil Vengai best teachers award.
3. Best teachers award south Indian Iyal Isai Cultural Academy.

PUBLICATIONS - ARTICLES PUBLISHED IN JOURNALS

1. Gokulakrishnan J_a, Elumalai K_b, Surya P_c, Baranitharan M_d, Rajaganesh K_e, Irrusappan H_r, Mohammad Z. Ahmed_g, Ali S. Alqahtani_g and Ali Kudamba_{n,i,j} (2024) *Tinospora malabarica* leaf extract fractions-derived silver nanoparticles and their spectral characterisation: evaluation of their toxicity properties against agricultural pests *Spodoptera litura* and *Helicoverpa armigera* Materials Technology J. of Taylor & Francis vol. 39, no.1, 2361221 <https://doi.org/10.1080/10667857.2024.2361221>

2. Mathiyazhagan¹, M. Baranitharan^{1,2}, K. Rajaganesh³, (2023) Naorem Chanu Sumedha³ and J. Gokulakrishnan^{*4} acute toxicity of cistanche tubulosa methanol extract: a potential novel insecticidal compounds against malaria transmitting mosquito J. of Biochem. Cell. Arch. Vol. 23, No. 2, pp. 000-000, 2023.

3. Jeganathan Pandiyan³, Kuppusamy Elumalai¹, Mathiyazhagan¹, M. Baranitharan^{1,2}, K. Rajaganesh³, Naorem Chanu Sumedha³ and J. Gokulakrishnan^{*(2023)} Acute toxicity of cistanche tubulosa methanol extract: A potential novel insecticidal compounds against malaria transmitting mosquito. Journal of Biochem. Cell. Arch. Vol. 23, No. 2.

4. T. Sujeshwari¹, E. Akila², P. Maheswaran¹ and J. Gokulakrishnan (2022) *bio potential evaluation of mononuclear manganese (ii) complex of a newly synthesized schiff base ligand derived from 4-nitroaniline and o-phthalaldehyde J. Experimental Zoology Vol. No 25 pp-2, 1531-1536, 2022

5. H. Irrusappan¹, J. Gokulakrishnan, K. Elumalai³, S. Senthilmurugan⁴, P. Vijayan⁴, M. Baranitharan^{2,4,*} (2022) Entomotoxicity properties of eco-friendly methanol extract fractions from

Phyla nodiflora (L.) Greene leaf exhibits mosquito larvicidal, pupicidal and antimicrobial activity. World news of Natural Sciences 42 (2022) 107-122 .

6. M. Baranitharan, J. Gokulakrishnan, K. Krishnappa, J. Pandiyan, K. Elumalai (2021). *Lavandula angustifolia* essential oil phyto-compounds as leads to potential mosquitocides. International Journal of Atmospheric and Oceanic Sciences 5(1): 6-12.

7. M. Baranitharan, K. Krishnappa, K. Elumalai, J. Pandiyan, J. Gokulakrishnan (2020). *Citrus Limetta* (Risso)-borne compound as novel Mosquitocides. Effectiveness against medical pest and acute toxicity on non-target fauna. South African Journal of Botany 128, 218-224.

8. Gokulakrishnan. J, Baranitharan. M (2020). Biosynthesis of silver Nanoparticles using *Argemone mexicana*: A novel Route of Malarial Fever Vector Mosquito Control. International Journal of Biochemical Cellular Arches 20(02), 3267-3274.

9. Baranitharan, M., Sawicka, B., & Gokulakrishnan, J. (2019). Phytochemical profiling and larval control of *Erythrina variegata* methanol fraction against malarial and filarial vector. Advances in Preventive Medicine, 2019.

10. Elanchezhian. K, Gokulakrishnan. J, Pandiyan. J, Elumalai. K, Balu selvakumar (2019). Antifeedent Activity of *Tinospora Malabarica* (Lam.) Miers (Menispermaceae) Extracts against important field pests *Spodoptera litura* (Lepidoptera: Noctuidae). Journal of Emerging Technologies and Innovative Research 6(2), 140-153,

11. Kavitha G¹., Gokulakrishnan J., Pandiyan J²., Elumalai K³., Balu Selvakumar., Elanchezhian K and Krishnappa K² (2018). Pesticidal activity of Indian medicinal plants against red flour beetle *Tribolium castaneum* (Herbst, 1797) (Coleoptera: Tenebrionidae). International Journal of Current Advanced Research Volume 7; Issue 6(E); June 2018; Page No. 13440-13445.

12. Kavitha G¹., Gokulakrishnan J., Pandiyan J²., Elumalai K³., Balu Selvakumar., Elanchezhian K and Krishnappa K² (2018). Mosquitocidal activity of *Plumbago zeylanica* Linn. (Plumbaginaceae) methanol extract against human vector mosquitoes. International Journal of Recent Scientific Research Vol. 9, Issue, 6(G), pp. 27683-27689, June, 2018.

13. J. Gokulakrishnan, S. Baranitharan, S. Dhanasekaran, G. Ramalingam, S. Thushimanan and M. Muthulingam (2017) . Phytochemical characteristics and the effect of methanolic extract of *Erythrina variegata* in the effect of *Aedes*, *Anopheles* and *Culex* mosquito J.Sci.Trans.Enviro. Technov volume -10, Issue – 4 Page: 166-174.

14. **M Baranitharan, S Dhanasekaran, K Murugan, K Kovendan, J Gokulakrishnan, A Jeyasankar (2017).** Experimental investigations of nagapattinam indigenous medicinal plant extracts against dengue, malaria and filarial disease. *int. J. Zool. Appl. Biosci* 2/ 155-161.

15. **Balu Selvakumar, Gokulakrishnan J, Elanchezhiyan K and Deepa J (2015).** Mosquito larvicidal, ovicidal and pupicidal activities of *Annona reticulate* Linn (Annonaceae) against *Aedes aegypti* (Linn.), *Anopheles stephensi* Liston and *Culex quinquefasciatus* (Say) (Diptera :Culicidae). *International Journal of Recent Scientific Research Research*, 6(2): 2690-2696.

16. **Balu Selvakumar, Gokulakrishnan J, Elanchezhiyan K and Deepa J (2015).** Mosquitocidal activities of Indian medicinal plant *Pavonia odorata* Wild (Malvaceae) against selected vector mosquitoes (Diptera: Culicidae). *International Journal of Current Advanced Research*, 4, (7): 221-227.

17. **Mathalaimuthu Baranitharan, Shanmugam Dhanasekaran, Jayapal Gokulakrishnan, Kaliyamoorthy Krishnappa and Jayaraman Deepa, 2015.** Mosquito larvicidal properties of *Sesamum indicum* L. against *Aedes aegypti* (Linn.), *Anopheles stephensi* (Liston), *Culex quinquefasciatus* (Say) (Diptera: Culicidae) *Life Science Archives (LSA)* Volume – 1; Issue - 1; Page: 72 – 77.

18. **Jayapal Gokulakrishnan*1, Jayaraman Deepa1, Balu Selvakumar1, M. Bharanitharan2 and S. Dhanasekaran2 (2015).** Fisheries induced mortality of olive ridley (*lepidochelys olivacea*), sea turtle (eschcholtz, 1829) along the Poompuhar coast, Tamilnadu. *Indo – Asian Journal of Multidisciplinary Research (IAJMR)*. Volume – 1; Issue - 1; Year – 2015; Page: 87– 93.

19. **.Deepa J*, Gokulakrishnan J, Baranitharan Mb (2015).** Effect of plant essential oils on the important mosquito vector, *Culex quinquefasciatus* (Say). *Int. J. Adv. Res. Biol. Sci.* 2(5): (2015): 58–61.

20. **J. Deepa*, J. Gokulakrishnan ,M. Baranitharan and S. Dhanasekaran (2015).**Larvicidal activity of Indian medicinal plants on the dengue fever mosquito *aedes aegypti* Linnaeus. *International Journal of Pure and Applied Zoology*. Volume 3, Issue 2, pp: 130 – 136, 2015.

21. **J. Gokulakrishnan, M. Baranitharan, S. Dhanasekaran, R. Kavikuyila, R. Abiramia, J. Deepa, Bakuselvakumar, 2015.** Mosquito larvicidal properties of *Ocimum sanctum* Linn. (Lamiaceae) against *Aedes aegypti* (Linn.), *Anopheles stephensi* (Liston), *Culex quinquefasciatus* (Say) Life Science Archives (LSA) Volume – 1; Issue - 1; Year – 2015; Page: 46 – 52.
22. **Deepa J, Gokulakrishnan J, Balu Selvakumar and Elanchezhiyan K (2015).** Larvicidal and repellent activities of *Salvia sclarea* medicinal plant essential oil against *Aedes aegypti* (Linn.), *Anopheles stephensi* (Liston) and *Culex quinquefasciatus* (Say.) (Diptera:Culicidae). *International Journal of Current Innovation Research*, 1(1): 5-8.
23. **Deepa J, Gokulakrishnan J, Balu Selvakumar and Elanchezhiyan K (2015).** Mosquitocidal activity of *Nepta cataria* essential oil against *Aedes aegypti* (Linn.), *Anopheles stephensi* (Liston) and *Culex quinquefasciatus* (Say.) (Diptera: Culicidae). *International Journal of Recent Scientific Research Research*, 6(2): 2697-2702.
24. **Elanchezhiyan K, Gokulakrishnan J, Deepa J and Balu Selvakumar (2015).** Botanical extracts of *Tinospora crispa* (Menispermaceae) and *Psidium guajava* (Myrtaceae) against important agricultural polyphagous field pest armyworm, *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). *International Journal of Recent Scientific Research Research*, 6 (2): 2703-2709.
25. **Elanchezhiyan K, Gokulakrishnan J, Deepa J and Balu Selvakumar (2015).** Phyto-toxicity of Indian medicinal plants *Tinospora crispa* (Menispermaceae) and *Psidium guajava* (Myrtaceae) against tobacco cutworm, *Helicoverpa armigera* (Hub.) (Lepidoptera: Noctuidae). *International Journal of Current Agriculture Sciences*. 5 (7): 1-6.
26. **Gokulakrishnan J, Elumalai Kuppasamy, Dhanasekaran Shanmugam, Anandan Appavu, Krishnappa Kaliyamoorthi, 2013.** Pupicidal and repellent activities of *Pogostemon cablin* essential oil chemical compounds against medically important human vector mosquitoes, *Asian Pacific Journal of Tropical Disease*, Asian Pac. J. Trop. Dis.; 3(1): 26-31.
27. **Balu Selvakumar. Gokulakrishnan, J. Elumalai, K. Dhanasekaran, S. Anandan, A and Krishnappa, K. 2012.** Mosquito ovicidal and repellent activity of *Melothria maderaspatana*

plant leaf extracts against *Aedes aegypti* (Diptera: Culicidae). *International Journal of Recent Scientific Research*, 3 (5): 325 – 328.

28. **Balu Selvakumar, Gokulakrishnan, J. Elumalai, K. Dhanasekaran, S. Anandan, A and Krishnappa, K. 2012.** Mosquito larvicidal activity of *Oxystelma esculentum* plant extracts against *Anopheles stephensi* (Diptera: Culicidae). *International Journal of Recent Scientific Research*, 3 (5): 321-324.

29. **Elangovan A, Dhanasekaran S, Anandan A, Krishnappa K, Gokulakrishnan J and K. Elumalai. 2012.** Mosquitocidal activities of *Corchorus capsularis* L (Malvaceae) against a common malarial vector, *Anopheles stephensi* (Liston) and a dengue vector *Aedes aegypti* (L) (Diptera : Culicidae). *International Journal of Recent Scientific Research*. 3(6): 564 – 568.

30. **Elangovan A, Dhanasekaran S, Anandan A, Krishnappa K, Gokulakrishnan J and K. Elumalai. 2012.** Larvicidal and ovicidal activities of *Exacum pedunculatum* (Linn.) (Gentianaceae) against a common malarial vector, *Anopheles stephensi* Liston (Diptera : Culicidae). *International Journal of Recent Scientific Research*. 3(6): 559 – 563.

31. **Elangovan, A., Dhanasekaran, S., Anandan, A., Krishnappa, K., Gokulakrishnan, J and Elumalai, K, 2012.** Larvicidal, ovicidal and pupicidal activity of *Eranthemum roseum* (Vahl) R. BR. against malarial vector mosquito, *Anopheles stephensi* (Liston) (Diptera: culicidae), *International Journal of Current Agricultural Sciences* - Vol.2, Issue, 7, pp. 28- 33, July.

32. **Elumalai K, Dhanasekaran S, Krishnappa K, Gokulakrishnan J and Elangovan A. 2012.** Larvicidal, ovicidal and pupicidal activity of *Eranthemum roseum* (Vahl) R. Br. against malarial vector mosquito, *Anopheles stephensi* (Liston) (Diptera: Culicidae) *International Journal of Current Life Sciences*. 2(7):31 – 38.

33. **Elumalai K, Dhanasekaran S, Anandan A, Krishnappa K, Gokulakrishnan J and Elangovan A. 2012.** Mosquitocidal activities of *Abrus precatorius* L (Fabaceae) against chickungunya vector, *Aedes aegypti* (L.) and Japanese encephalitis vector, *Culex tritaeniorhynchus* (Giles) (Diptera: Culicidae) *International Journal of Current research in Agriculture*. 2(7): 28 – 33.

34. **Gokulakrishnan, J. Krishnappa, K and Elumalai, K. 2012.** Certain plant essential oils against anti feedant activity of *Spodoptera litura* (Fab.), *Helicoverpa armigera* (Hub.) and *Achaea janata* (Linn.).(Lepidoptera : Noctuidae). *International Journal of Current Life Sciences*, 2 (1): 5– 11.
35. **Gokulakrishnan, J., Balu Selvakumar., Elumalai, K., Krishnappa, K. 2012.** Mosquito larvicidal and ovicidal efficacy of *Ariitolochia indica* Linn (Aristolochiaceae) leaf extracts against malarial vector mosquito *Anopheles stephensi* Liston (Diptera: Culicidae). *International Journal Current Life Sciences*. 2 (10): 48-52.
36. **Gokulakrishnan, J., Balu Selvakumar., Elumalai, K., Krishnappa, K. 2012.** Mosquito larvicidal and repellent properties of botanical extract *Calotropis procera* (Asclepiadaceae) against *Aedes aegypti* Linn, *Anopheles stephensi* Liston and *Culex quinquefasciatus* Say (Diptera: Culicidae). *International Journal of Agricultural Sciences*. 2(11): 43-47.
37. **Gokulakrishnan, J., Balu Selvakumar., Elumalai, K., Krishnappa, K. 2012.** Mosquito larvicidal and repellent properties of botanical extract *Calotropis procera* (Asclepiadaceae) against *Aedes aegypti* Linn, *Anopheles stephensi* Liston and *Culex quinquefasciatus* Say (Diptera: Culicidae). *International Journal of Agricultural Sciences*. 2(11): 43-47.
38. **Gokulakrishnan, J., Krishnappa, K and Elumalai, K. 2012.** Effect of plant oil formulation against armyworm, *Spodoptera litura* (Fab.), cotton bollworm, *Helicoverpa armigera* (Hub.) and fruit borer, *Earias vitella* (Fab.) (Lepidoptera : Noctuidae). *International Journal of Current Life Sciences*. 2 (1): 1– 4.
39. **K. Krishnappa, K. Elumalai, S. Dhanasekaran & J. Gokulakrishnan, 2012.** Larvicidal and repellent properties of *Adansonia digitata* against medically important human malarial vector mosquito *Anopheles stephensi* (Diptera: Culicidae), *J Vector Borne Dis* 49, June 2012, pp. 6–90.
40. **Krishnappa K. K. Elumalai, S. Dhanasekaran and J. Gokulakrishnan. 2012.** Larvicidal and phytochemical properties of *Adansonia digitata* against medically important human malarial vector mosquito *Anopheles stephensi* (Diptera: Culicidae). *Journal of Vector Borne Disease*. 2012. 49: 86 – 90.

41. **S. Bhupathy, M. Vijay, A.M.A. Nixon, J. Subramanean, R. Karunakaran and, J. Gokulakrishnan (2005).** The status of sea turtle populations on the Tamil Nadu and Kerala coasts of India, Towards Integrate and Collaborative Sea Turtle Conservation in India – a UNEP / CMS – IOSEA project 58- 70.

42. **Bakthavathsalam R and, Gokulakrishnan J (2002).** Effect of different supplementary feeds on the growth rate of Indian Major Carp *catla catla* reared under field conditions Indian Journal of Environment & Ecology 20(4)833-838.

RESEARCH PAPERS ACCEPTED FOR PUBLICATION AND UNDER REVIEW

Nil

POSTERS AND PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL LEVEL

- 1) Presented a Paper entitled “Insecticidal and phytochemical properties of *cleome viscosa* against *spodoptera litura* (FAB) – 2012” held during 23rd and 24th of march, 2012 in Department of Zoology, Annamalai University, Annamalainagar.
- 2) Presented a Paper entitle Certain Plants extracts tested against Pest *Achaca janata* (Linn) in the two day national level Seminar on “Recent Trends in Biological sciences” held between 07.03.2013 and 08.03.2013, Nehru Memorial College (Autonomous), Puthanampatti, Trichy- 621 007.
- 3) Presented a Paper entitle “Evaluation of Aqueous and ethanol extract of stages anopheles *stephensi* (liston) (Diptero: culicidae)”. Participated in the International Conference on Herbal Medicine and Neuroendocrinology (InChMan – 2014) held on 13th October 2014 in the Department of Zoology, Annamalai University, Annamalai Nagar – 608 002.
- 4) Presented a Paper entitle mosquitocidal and GC, MS, Analysis of *lavandula latifolia* essential oil against Dengue vector mosquito *aedes aegypti* linn (Diptera: Culicidae). Participated in the UGC – SAP Sponsored National Seminar on Advances in Toxicology and serinanotechnology (ATS - 2015) held on 23rd and 24th July 2015 in the Department of Zoology, Annamalai University, Annamalai Nagar – 608 002
- 5) Protein levels in the rice moth, *Corcyra cephalonica* on exposure to silver bio nanoparticle synthesized from *Ananas comosus* L. var. queen, at the National Seminar *NanoAgri 2017* –

Nanotechnology for Evergreen Revolution, October 5th & 6th, 2017, Tamil Nadu Agricultural University, Coimbatore, India.

- 6) Green synthesis of silver Nano particles with potential on developmental stages of stored grain pest management, at International Conference on Bio-control and Sustainable Insect Pest Management, January 29th – 31st, 2018, Agricultural College and Research Institute, TNAU, Killikulam, Tuticorin.

CONFERENCES & WORKSHOPS ATTENDED IN NATIONAL AND INTERNATIONAL LEVEL

1. UGC Sponsored the National Conference on Quality Enhancement in Teaching Learning Evaluation Process through Information and Communication Technology in HEIs organized by Internal Quality Assurance Cell of Sri Parasakthi College for Women, Courtallam on 28th & 29th July, 2011.
2. Participated in the International Conference on “Science and Technology for Clean and Green Environment (STCGE – 2012)” held during 27th and 28th of July, 2012 in the Zoology Wing, Annamalai University, Annamalainagar – 609 002, Tamil Nadu.
3. Participated in the Awareness Programme on “Employment Prospects & Avenues for Entrepreneurship in Marine Sciences” sponsored by Ministry of Human Resource Development, Govt. Of India and Organised by Centre of Advanced Study in marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai during 3rd & 4th March, 2014.
4. Participated in National Workshop on Analytical Methods and Tools in Biological Research (AMaTiBR` 14), Conducted by the Department of Zoology, Annamalai University, Annamalai Nagar – 608 002 from 20th & 21st March 2014.
5. Participated in the International Conference on Herbal Medicine and Neuroendocrinology (InChMan – 2014) held on 13th October 2014 in the Department of Zoology, Annamalai University, Annamalai Nagar – 608 002.
6. Participated at the XXIX Academic Conference and National Seminar on Quality in Higher Education: Issues & Challenges Organised By the Punjab and Chandigarh College Teachers Union from November 14 – 16, 2014.

7. Participated in the Science Academies Lecture Workshop on “Vistas in Biosciences”, Organized by PG & Research Department of Botany, St.Josephs College (Autonomous), Thiruchirappalli – 620 002, during 30th & 31st January 2015.
8. Participated in National Seminar on “Innovative Technologies in Insect Science” held on 14th October 2016. Organized by the Department of Advanced Zoology and Biotechnology in Guru Nanak College (Autonomous), Velachery, Chennai – 42.
9. UGC Sponsored Workshop on “Effective Teaching Process” Organized by Internal Quality Assurance Cell (IQAC), Poompuhar College (Autonomous) on 25th March, 2017.
- 10.

ABSTRACTS PRESENTED IN STATE AND NATIONAL LEVEL

1. **Insecticidal and phytochemical properties of *Cleome viscosa* against *Spodoptera litura* (fab.) (Lepidoptera: Noctuidae)** In: *National seminar on environment, biodiversity and bioetics current trends and future perspective* (NCEBB) (ABS – 2012), held in the department of Zoology, Annamalai University, during 23rd-and 24th march 2012.
2. **Mosquitocidal properties of selected botanical extracts against vector mosquitoes (Diptera:Culicidae)** In: *National seminar on environment, biodiversity and bioetics current trends and future perspective* (NCEBB) (ABS – 2012), held in the department of Zoology, Annamalai University, during 23rd-and 24th march 2012.
3. **Gokulakrishnan J, Elanchezhayan K, Deepa J and Balu Selvakumar (2014).** Evaluation of aqueous and ethanol extract of selected plant extracts of different stages of *Anopheles stephensi* Liston (Diptera: Culicidae). International Conference on Herbal Medicine and Neuro Endocrinology,(InChMan-2014) Held in the Department of Zoology, Annamalai University, Chidambaram, 13th October, - 2014.
4. **Balu Selvakumar, Gokulakrishnan J, Elanchezhayan K and Deepa (2015).** Indian medicinal plant *Plumbago zeylanica* leaf extracts against dengue vector *Aedes aegypti* (Linn.), (Diptera : Culicidae). Proceedings of state level seminar on environmental conservation and water resource management (Abstract), held in the Department of Zoology Government Arts College (Autonomous) Nandanam, Chennai 29th & 30th January, 2015.

5. **Balu Selvakumar, Gokulakrishnan J, Elanchezhian K and Deepa J (2015).** *Scoparia dulcis* Linn botanical extracts against *Aedes aegypti* (Linn.), *Anopheles stephensi* Liston and *Culex quinquefasciatus* (Say) (Diptera :Culicidae). In State Level Conference on Recent Trends In Bio Science (RTIBS–15) (Abstract), held in the Department of Zoology, Poompuhar College (Autonomous), Poompuhar, 08th & 9th January- 2015.
6. **Balu Selvakumar, Gokulakrishnan J, Elanchezhian K and Deepa J (2015).** Mosquitocidal activities of Indian medicinal plant against selected vector mosquitoes. In State Level Conference on Recent Trends In Bio Science (RTIBS–15) (Abstract), held in the Department of Zoology, Poompuhar College (Autonomous), Poompuhar, 08th & 9th January- 2015.
7. **Deepa J, Balu Selvakumar, Gokulakrishnan J and K Elanchezhian (2015).** Mosquito larvicidal and repellent activities of *Fumaria officinalis* against *Culex quinquefasciatus* (Say) (Diptera :Culicidae). Proceedings of state level seminar on environmental conservation and water resource management (Abstract), held in the Department of Zoology Government Arts College (Autonomous) Nandanam, Chennai 29th & 30th January, 2015.
8. **Elanchezhian K, Gokulakrishnan J, Deepa J and Balu Selvakumar (2015).** Botanical extracts of *Avicennia marina* (Forsk.) Vierh. (Avicenniaceae) against important agricultural polyphagous field pest Armyworm, *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). In State Level Conference on Recent Trends In Bio Science (RTIBS–15) (Abstract), held in the Department of Zoology, Poompuhar College (Autonomous), Poompuhar, 08th & 9th January- 2015.
9. **Elanchezhian K, Gokulakrishnan J, Deepa J and Balu Selvakumar (2015).** Toxicity of *Operculina turpethum* against polyphagous field pest Armyworm, *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). Proceedings of state level seminar on environmental conservation and water resource management (Abstract), held in the Department of Zoology Government Arts College (Autonomous), Nandanam, Chennai 29th & 30th January, 2015.
10. **Elanchezhian K, Gokulakrishnan J, Deepa J and Balu Selvakumar (2015).** Botanical extracts of *Avicennia marina* (Forsk.) Vierh. (Avicenniaceae) against important agricultural polyphagous field pest Armyworm, *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). In State Level Conference on Recent Trends In Bio Science (RTIBS–15) (Abstract), held in the Department of Zoology, Poompuhar College (Autonomous), Poompuhar, 08th & 9th January-2015.
11. **Elanchezhian K, Gokulakrishnan J, Deepa J and Balu Selvakumar (2015).** Indian medicinal plant *Excoecaria agallocha* L. (Euphorbiaceae) against Tobacco Cutworm,

Helicoverpa armigera (Hub.) (Lepidoptera: Noctuidae). In. state Level Conference on Recent Trends In Bio Science (RTIBS–15) (Abstract), held in the Department of Zoology, Poompuhar College (Autonomous), Poompuhar, 08th& 9th January- 2015.

- 12. Gokulakrishnan J, Balu Selvakumar, Elanchezhiyan K and Deepa J (2015).** Mosquito larvicidal and adulticidal properties of botanical extract *Ehretia aspera* Wild against *Aedes aegypti* Linn and *Culex quinquefasciatus* Say (Diptera: Culicidae). In State Level Conference on Recent Trends In Bio Science (RTIBS–15) (Abstract), held in the Department of Zoology, Poompuhar College (Autonomous), Poompuhar, 08th& 9th January- 2015.
- 13. Gokulakrishnan J, Deepa J, Elanchezhiyan K and Balu Selvakumar (2015).** Larvicidal and ovicidal efficacy of *Percularia daemia* (Forssk) Chiov and *Acalypha lanceolata* Wild against malarial vector mosquito *Anopheles stephensi* Liston (Diptera: Culicidae). In State Level Conference on Recent Trends In Bio Science (RTIBS–15) (Abstract), held in the Department of Zoology, Poompuhar College (Autonomous), Poompuhar, 08th & 9th January- 2015.
- 14. Gokulakrishnan J, Elanchezhiyan K, Deepa J and Balu Selvakumar (2015).** Pesticidal activities of *Trichosan thesdioca* on Tobacco Cutworm, *Helicoverpa armigera* (Hub.) (Lepidoptera: Noctuidae). Proceedings of state level seminar on environmental conservation and water resource management (Abstract), held in the Department of Zoology Government Arts College (Autonomous), Nandanam, Chennai 29th & 30th January, 2015.
- 15. Gokulakrishnan J, Elanchezhiyan K, Deepa J and Balu Selvakumar (2015).** Mosquitocidal and GC MS Analysis of *Lavandula larifolia* essential Oil againsts Dengue Vector Mosquitoes *Aedes Aegypti* Linn. *Anopheles stephensi* Liston (Diptera: Culicidae). International Conference on Herbal Medicine and Neuro Endocrinology, (ATS-2015) Held in the Department of Zoology, Annamalai University, Chidambaram, 23rd and 24th July, - 2015.
- 16. Deepa J, Gokulakrishnan J, Balu Selvakumar and Elanchezhiyan K (2015).** *Rosmarinus officinalis* essential oil against *Aedes aegypti* (Linn.), *Anopheles stephensi* (Liston) and *Culex quinquefasciatus* (Say.) (Diptera: Culicidae). In State Level Conference on Recent Trends In Bio Science (RTIBS–15) (Abstract), held in the Department of Zoology, Poompuhar College (Autonomous), Poompuhar, 08th& 9th January- 2015.
- 17. Deepa J, Gokulakrishnan J, Balu Selvakumar and Elanchezhiyan K (2015).** *Origanum vulgare* essential oil against *Aedes aegypti* (Linn.), *Anopheles stephensi* (Liston) and *Culex quinquefasciatus* (Say.) (Diptera: Culicidae). In State Level Conference on Recent Trends In Bio

Science (RTIBS–15) (Abstract), held in the Department of Zoology, Poompuhar College (Autonomous), Poompuhar, 08th & 9th January- 2015.

18. Abstracts on “**Evaluation of Immune Related Enzymes and Phagocytosis in the Hemolymph of polyphytophagous insect *spodoptera litura***” National Conference on “Neo – Classical Approaches in Zoological Sciences” (NCNAZS’17) & A Zoological Society Initiative IInd “Young Scientists Meet” (YSM - II) 16th and 17th February, 2017. Jointly Organized by Department of Zoology, University of Madras, Chennai & The Zoological Society, Kolkata.

19. **K.krishnappa, J.Pandyan, K.Elumalai, J. gokulakrishnan, S. Jayakumar, J.Pandyan, G. Chandru and V.duraimurugan** state level seminar on recent trends in Advanced bios-sciences (RTABS2019).held in the Department of Zoology, Poompuhar College (Autonomous), held on 9th January 2019.

BOOKS PUBLISHED

Title of the Book

1. **I**ntroduction of vector mosquitoes
Publishers
Lambert Academic Publications Europe
ISSN No 978-613-9-9701-8
2. Book Chapters Published-02

CITATION INDICES DETAILS (REFER GOOGLE SCHOLAR FROM(2013-2024)

Publications	: 42
In Journals	: 40
In Conferences	: 10
Citations	: 899
h- Index	: 16
I 10- Index	: 28

Cumulative Impact factor : 0.554

Google Scholar Id :
<https://scholar.google.co.in/citations?hl=en&user=wsxR6kgAAAAJ>

CITATION INDICES DETAILS (RESEARCH FROM(2013-2024)

Publications : 42

In Journals : 40

In Conferences : 10

Research Interest Score : 281

Citation : 385

h- Index : 10

Research gate Id: <https://www.researchgate.net/profile/J-Gokulakrishnan-Gokulakrishnan>

MEMBERSHIP IN BODIES ON EDUCATION AND NATIONAL DEVELOPMENT

1.

POSITION HELD / LEADERSHIP ROLE PLAYED

Head of the Department of Zoology since -2012

NSS Programme officer7 Coordinator from 2012 to 2018

AISHE Nodal Officer

IQAC Coordinator

Staff Council member

Examination Chief

Valuation Board Chairman

Board of studies member Annamalai university PG Affiliated Colleges

Research Coordinator department of Zoology
Students carrier guidance Cell Coordinator.

INVITED GUEST LECTURES

1. Resource person as invited talk at Seethalakshmi Ramaswamy College Trichy from 05.10.2023.

TRAINING PROGRAMME

Refresher Course in life Science I D (UGC Sponsored)

Place : Bharathidasan University Trichy

Duration : 19.06.2018-09.07.2018

Orientation Course (UGC Sponsored): Orientation Programme to Teachers

Place : Poompuhar College (Autonomous), Melaiyur

Duration : 10th, 12th& 13.03.2015

Refresher Course in Life Science I D (UGC Sponsored)

Place : Bharathidasan University Trichy

Duration : 18.07.2014-07.08.2014

Orientation Course: NSS EMPANELLED TRAINING INSTITUTION (for Ministry of youth Affairs& Sports Government of India Sponsored)

Place : Madras School of Social Work

Duration : 20.02.2014 to 26.02.2014

Orientation Course (UGC Sponsored)

Place : Bharathidasan University Trichy

Duration : 11.11.2011-08.12.2013

Orientation Course (UGC Sponsored): Orientation Programme for College Teachers

Place : Poompuhar College (Autonomous), Melaiyur

Duration : 29.08.2013 - 31.08.2013
FDP Programme:
Place : ST. Joseph University Diampur, Nagaland.
Duration ;15=05=2024 to 18-05-2024 20-05-2024

TEACHING EXPERIENCE FROM 2002 TO TILL DATE

Total Teaching Experience : 21 YEARS
Under Graduate : 21 YEARS
Post Graduate : 16 YEARS

PERSONAL DETAILS

Name : Dr. J. GOKULAKRISHNAN
Gender : Male
Date of Birth : 20-05-1976
Age : 48
Place of Birth : THIRUVENGADU
Marital Status : MARRIED

Residential Address : Mela vanagiri,
Vanagiri (Po),
Sirkali (Tk),
Nagapattinam (Dt) – 609 105.

Official Address : P.G. & Research Dept. of Zoology,
Poompuhar College (Autonomous),
Melaiyur (Po),
Sirkali (Tk),
Nagapattinam (Dt) – 609 107.

Email : gokulagalya@gmail.com, gokulakrishnanzoologypc.ac.in

Web : www.Poompuharcollege.ac.in

Any other Information :

- NSS Programme Officer - Unit IV from 10.09.2012 to till date and leads to conduct special camp in the adopted villages from 2013, 2014, 2016, 2017.
- Successfully conducting two or three blood donation camps every year in college campus from 2012-2018.
- Participated in wild life census on 20 & 21 January 2018, bird census in Point Calimere wildlife sanctuary at Kodiyakarai.
- Participating CIKS, Sirkazhi. Training on Biofertilizer Production and Vermicomposting Techniques Programme 21 & 22 June 2017.
- Poompuhar college students and forest officials involved in a clean – up drive along the pazhayar coast on 23.01.2016
- M.S. Swaminathan Research Foundation fish for all Research and training centre in Poompuhar. Olive ridley awareness Programme & Coastal cleaning on 05.03.2015.
- Participated in wildlife census on 23rd & 24th January 2010, bird census in Point Calimere wildlife sanctuary at Kodiyakarai.