

BIODATA

1. Name : **Dr. S. ANBALAGAN**
2. Qualification : M.Sc., M.Phil., Ph.D.,
3. Designation & Department : Assistant Professor of Zoology
4. Age & Date of Birth : 42 years, 17.04.1981
5. Sex : Male
6. Address (Resident) : 30/2, Alagaradi 4th street, Madurai-625016.



7. Educational Qualifications:

- Ph.D., Madurai Kamaraj University (Zoology)
- M.Phil., Bharathidasan University (Zoology)
- M.Sc., Madurai Kamaraj University (Zoology)
- B.Sc., Madurai Kamaraj University (Zoology)

8. Other qualification:

- State Eligibility Test –Mother Therasa University, 2016 (Life Science)

9. Research Experience : 20 years

10. Recognized Research guide : Yes

Course	Completed (No.)	Ongoing (No.)
M. Phil.,	4	-
Ph. D.	1	3

11. Area of Specialization : Stream Ecology

12. Teaching Experience:

- Assistant Professor (22 December 2022 to till date), Sri Meenakshi Government Arts College for Women (Autonomous) (Affiliated to Madurai Kamaraj University), Madurai-625002
- Assistant Professor (14 June 2017- 21 December 2022), Government Arts College (Affiliated to Madurai Kamaraj University), Melur-625106, Madurai
- Assistant Professor (3 November 2015- 13 June 2017), Sethupathy Government Arts College (Affiliated to Alagappa University), Ramanathapuram
- Assistant Professor (29 July 2015- 2 November 2015), Government Arts College (Affiliated to Periyar University), Salem.

13. Orientation/Refresher Courses/Other programmes & Training:

S.No.	Name of the course	Topic/Subject	Institution	Period
1	Orientation course	-	Madurai Kamaraj University	20.04.2017 to 17.05.2017
2.	Refresher course	Life Sciences	Bharathidasan University	19.06.2018 to 09.07.2018
3.	Refresher course	Recent Trends	Dr. B.R. Ambedkhar	02.03.2021 to

		in Molecular Biology Technology-Concepts & Practice	University, Andhra Pradesh	15.03.2021
4.	Refresher course	Managing Online Classes & Co-creating MOOCS 13.0	Ramanujam College, University of Delhi	06.04.2022 to 20.04.2022

14. Awards/Medals received:

- First Rank holder in Post Graduate Course
- DST Fast Track Young Scientist
- SERB Early Career Research Award

15. Research projects:

SI. No.	Title of the project	Name of the Funding Agency	Amount (Rs.)
1.	Molecular phylogeny and Spatio-temporal scaling of lotic hematophagous insects in two biosphere reserves of peninsular India	Science and Engineering Research Board (SERB), DST, New Delhi, India	19,00,000
2.	Habitat hotspots and morphotaxonomy of Black fly (Simuliidae: Diptera) in South India	Science and Engineering Research Board (SERB), DST, New Delhi, India	22,04,809

16. Research publications

- Total number of papers : 82
- Book chapter : 6
- Book : 1
- Total : **89**

- Average impact factor : 1.25
- h index : 11
- i10 index : 14
- Citations : 481

Last Five years publications:

1. Anbalagan, S. and Vijayan, S. 2022. Community composition of black fly (Simuliidae: Diptera) in India. International Journal of Zoology Studies 7(2):51-55 ISSN: 2455-7269 30Nov2022
2. Anbalagan, S., Kayalvizhi, D. and Rekha, K. 2022. Litter decomposition of the invasive Lantana camara L (Verbenaceae: Lamiales) in a tropical stream of South India. International Journal of Zoology Studies 7(2): 23-30. ISSN: 2455-7269 05Oct2022
3. Rekha, K., Arulraj, M.S., Anbalagan, S., Dinakaran, S. and Krishnan, M. 2022. Effects of leaf litter diversity on the pupal development of stream puddle mosquitoes (Culicidae:

- Insecta). International Journal of Entomological Research 7(10):42-49. ISSN: 2455-4758 04Oct2022
4. Arulraj, M.S., Rekha, K., Vijayan, S., Anbalagan, S. and Dinakaran, S. 2022. Periphytic microalgae colonization in mosquito breeding stream puddles of Southern Western Ghats. International Journal of Mosquito Research 9(4): 40-48. doi.org/10.22271/23487941.2022.v9.i5a.631 01Oct2022
 5. Kannan, M., Padmanaban, B., Anbalagan, S. and Krishnan, M. 2021. A review on monitoring and Integrated management of Banana Pseudostem Weevil, *Odoiporus longicollis* Oliver (Coleoptera: Curculionidae) in India. International Journal of Tropical Insect Science <https://doi.org/10.1007/s42690-021-00594-5> 13July2021
 6. Rekha, K., Anbalagan, S. and Dinakaran, S. 2021. Distributional ecology of snails (Gastropoda: Mollusca) in seasonal ponds of Tamil Nadu, South India. Acta Ecologica Sinica 41 (5): 410-415. <https://doi.org/10.1016/j.chnaes.2020.10.004> 20Oct21
 7. Balachandran C., Anbalagan, S., Kandeepan, C., Arunnagendran, Manickkam, J., Allah, A., Fathi, E., Abdulaziz, A., Abeer, H., Kathirvelu. B., 2021. Molecular Docking Studies of Natural Alkaloids as Acetylcholinesterase (AChE1) Inhibitors in *Aedes aegypti*. Journal of Asia-Pacific Entomology. 24 (3): 645-652. <https://doi.org/10.1016/j.aspen.2021.05.011> 3 Aug2021
 8. Boyero, L., Perez, J., Lopez-Rojo, N., Tonin, A.M., Correa-Araneda, F., Pearson, R.G., Bosch, J., Albarino, R.J., Anbalagan, S., et al. 2021. Impacts of detritivore diversity loss on instream decomposition are greatest in the tropics. Nature Communications 12, 3700. <https://doi.org/10.1038/s41467-021-23930-2> 17Jun2021
 9. Boyero, L., Perez, J., Lopez-Rojo, N., Tonin, A.M., Correa-Araneda, F., Pearson, R.G., Bosch, J., Albarino, R.J., Anbalagan, S., et al. 2021. Latitude dictates plant diversity effects on instream decomposition. Sci. Adv. 7, eabe7860: 1-8. <https://doi.org/10.1126/sciadv.abe7860> 26 March 2021
 10. Surya, A., Anbalagan, S. and Krishnan, M. 2020. DNA barcoding of the Indian Peninsular members of the black flies (*Simulium*: Simuliidae: Diptera). The Bioscan 15(4): 487-490. <http://thebioscan.com/journal.php?edition=TnVtYmVyIDQ=&volume=Vm9sdW1lIDE1> 25 Dec 2020
 11. Anbalagan, S., Arunprasanna, V., Dinakaran, S. and Krishnan, M. 2020. Combinatory therapeutic approaches for common cold and SARS-CoV-2. Synergy 11 (100069): 1-6. <https://doi.org/10.1016/j.synres.2020.100069> 11Dec2020
 12. Arunprasanna, V., Kannan, M., Anbalagan, S. and Shao, Y. 2020. Potential role of microbes in insect, human, plant and environment for present and future perspective. Acta Scientific Biotechnology 1(8): 1-5.
 13. Anbalagan, S., Rekha, K., Vijayan, S., Balachandran, C., Dinakaran, S. and Krishnan, M. 2020. A new black fly species of *Simulium* (*Nevermannia*) (Simuliidae: Diptera) from the Southern Eastern Ghats, India. Zootaxa 4768(3): 374-382. <http://doi.org/10.11646/zootaxa.4768.3.4> 4May2020
 14. Anbalagan, S., Vijayan, S., Balachandran, C., Thiyonila, B. and Surya, A. 2020. Two new species of *Simulium* (*Gomphostilbia*) (Diptera: Simuliidae) from South India. Zootaxa 4752 (1): 57-72. <http://doi.org/10.11646/zootaxa.4742.1.3> 19Feb2020
 15. Balasubramanian, C., Muthukatturaja, M. and Anbalagan, S. 2019. A new mayfly species of *Rhoenanthus* (Ephemeroptera: Potamanthidae) from Peninsular India. Zootaxa 4664(2): 293-300. <https://doi.org/10.11646/zootaxa.4664.2.11> 3Sep2019
 16. Vijayan, S., Anbalagan, S., Rekha, K., Dinakaran, S. and Krishnan, M. 2019. A new black fly species of the subgenus *Gomphostilbia* (*Simulium*: Simuliidae: Diptera) from

India. Journal of Asia-Pacific Entomology 22:568-574.
<https://doi.org/10.1016/j.aspen.2019.04.003> 2 Jun2019

17. Anbalagan, S., Vijayan, Balachandran, C., S., Dinakaran, S. and Krishnan, M. 2019. A new species of *Simulium* (*Simulium*) (Diptera: Simuliidae) with keys to *Simulium striatum* species-group from India. Journal of Threatened taxa 11(5): 13573-13578. <https://doi.org/10.11609/jott.4318.11.5.13573-13578> 15Mar2019
18. Rekha, K., Anbalagan, S., Dinakaran, S., Balachandran, C. and Krishnan, M. 2019. A new mayfly species of *Choroterpes* (*Euthraulius*) (Ephemeroptera: Leptophlebiidae) from South India. Zootaxa 4565(4): 539-544. <https://doi.org/10.11646/zootaxa.4565.4.8> 12Mar2019
19. Arulraj, M.S., Anbalagan, S. and Vijayan, S. 2019. Periphytic diatom colonization and litter decomposition in an intermittent stream of South India. Journal of Basic Microbiology 59(5):504-510. <https://doi.org/10.1002/jobm.201800689> 27Feb2019
20. Anbalagan, S., Vijayan, S., Dinakaran, S. and Krishnan, M. 2019. A new species of *Simulium* (*Gomphostilbia*) (Diptera: Simuliidae) from South India. Zootaxa 4551(4): 479-486. <https://doi.org/10.11646/zootaxa.4551.4.8> 4Feb2019
21. Anbalagan, S., Rekha, K., Vijayan, S. and Dinakaran, S. 2018. Microbial colonization and litter decomposition in a seasonal stream of South India. Channels in Life Sciences 1(1): 1-6.
22. Anbalagan, S., Vijayan, S., Balachandran, C., Dinakaran, S. and Krishnan, M. 2018. Two new black fly species of the *Simulium* (*Simulium*) (Diptera: Simuliidae) from South India. Journal of Asia-Pacific Entomology 21(4): 1406-1415. <https://doi.org/10.1016/j.aspen.2018.11.005> 10Dec2018
23. Anbalagan, S., Kannan, M., Dinakaran, S., Balasubramanian, C. and Krishnan, M. 2018. Hierarchical dynamics influence the distribution of immature black flies (Diptera: Simuliidae). Acta Tropica 177: 105-115. <https://doi.org/10.1016/j.actatropica.2017.09.030> 11Jan2018
24. Vijayan, S. and Anbalagan, S. 2018. Assemblage pattern and seasonality of larval black flies (Simuliidae: Diptera) in a stream of Southern Eastern Ghats. International Journal of Current Trends in Science and Technology 8(3): 20187-20196.