



KHADIR MOHIDEEN COLLEGE
(M.K.N. MADHARASA TRUST WAQF)
ADIRAMPATTINAM



STAFF PROFILE

1.	Name	: Dr.J.SUGUMARAN
2.	Gender	: Male
3.	Date of Birth	: 07-05-1978
4.	Designation	: Assistant Professor
5.	Date of Joining in Teaching Profession	: 02-07-2007
6.	Date of joining in our Institution	: 12-08-2012
7.	Address	
	Residential: No.9, KPM Colony, Subbaiya Pillay Street, Pattukkottai – 614701, Cell No.: 99414 65127 88256 69498.	Official: Department of Zoology, Khadir Mohideen College, Adiramapattinam – 614701, Mail Id.: meiomaran@gmail.com.
8.	Google Scholar Link:	https://scholar.google.com/citations?authuser=1&user=T5rueH4AAAJ

9. Educational Qualifications (from UG level)

S.No.	Examination Passed	College	University	Year of Passing	Class
1	B.Sc	The New College, Chennai	University of Madras	1998	I
2	M.Sc	The New College, Chennai	University of Madras	2000	II
3	Ph.D	The New College, Chennai	University of Madras	2007	I

10. Teaching experience as on 20-12-2022: U.G : 14 Years
 P.G : 14 Years
 M.Phil.: 10 Years
 Ph.D. : 08 Years

11.	Research Area of Specialization	: Aquatic Biology
12.	Teaching Area of Specialization	: Invertebrata, Chordata, Biotechnology, Animal Taxonomy and Phylogeny, Fishery Biology, Aquaculture, Environmental Biology
13.	Languages known	: Tamil, English
14.	Computer Proficiency	: Window 10, Microsoft Office 2018 (Word, Excel and Power Point), Photoshop. Statistical Softwares: SPSS 16, Primer 5
15.	Research Supervision	M.Phil Awarded – 04 Submitted – NIL Pursuing – NIL
		Ph.D.: Awarded – 01 Submitted - NIL Pursuing – NIL

Details of Ph.D. awarded scholars:

S.No.	Name of the Scholar	Title of the Thesis	University / College	Date of Viva
1.	Dr.R.Padmasai	Studies on the Intertidal Sandy Beach Meiofauna of Palk Bay, India	Bharathidasan University / Khadir Mohideen College	06-05-2021

M.Phil Degree (Year wise from date of joining)

- K. ILAIYADEEPAN, (Reg. No. 2K14FT-40981). 2015. Laboratory culture of rotifer *Brachionus plicatilis* using different feeds.
- S. THENMOZHI (Reg. No. 2K16FT-16176). 2017. Ecology of freshwater copepods of Sullangudi, Ariyalur District, Tamilnadu.
- R. KALA (Reg. No. 2K17FT-18160). 2019. Freshwater rotifer diversity of Thagattur, Nagapattinam district, Tamilnadu
- N. NEELAVATHY (Register No. 2K20FT-22282). 2021. Preliminary investigations on Meiofauna of Kattumavadi beach, Palk Bay India.

16. RESEARCH PAPER PUBLICATIONS (NATIONAL/INTERNATIONAL)

- Meiofauna of Chennai coast of Bay of Bengal with special reference to sampling and extraction methods. K. Altaff and Md. S. Naveed J. Sugumaran., Convergence, 2004, 6 (1-4) 61-90.
- Md. S. Naveed, J. Sugumaran and K. Altaff., Diversity of Meiofauna of Chennai coast. 2005, Poll. Res., 24 (Spl. Issue): 125-134.
- Sugumaran, J., M.S. Naveed and K. Altaff, Diversity of Meiofauna Oof Chennai, East Coast of India, 2009, J. Aqua. Biol., 24 (2), 31 - 34.

- Sugumaran, J., M.S. Naveed and K. Altaff Ecology of meiofaunal harpacticoid copepods of chennai coast, Tamil nadu, india, 2009 J.Aqua.Biol., 24 (2), : 35 - 39.
- Studies on the zooplankton biodiversity and density in Adyar estuary, Chennai, India. A. Janakiraman, M.S. Naveed, P. Muthupriya, J. Sugumaran, M. Asrar Sheriff and K. Altaff. 2013. Journal of Environmental biology 34 : 273-275.
- Seasonal diversity of rotifers from Agniyar estuary, Tamilnadu, India. J. Sugumaran and A. Amsath 2015. International Journal of Pure and Applied Zoology 3(4) - 287 - 292.
- Bayesian estimation of meiofaunal population using elicited information - A study with experts' opinion in ecological models. Kamal Nasir V., M. Subbiah, M.R. Srinivasan, K. Altaff, M.S. Naveed and J. Sugumaran. 2012. Indian Journal of Geo-Marine Sciences, 41(5) : 473 - 488. Impact of Tsunami on meiofauna of Marina beach, Chennai, India. K. Altaff, J. Sugumaran and Md. S. Naveed, Current Science, 2005. 89, (1), 34-38.
- Sequence Tagged Site (STS) Analysis of Y-chromosome Micro Deletions in Environmental Tobacco Smokers [ETS] in Tamil Nadu, India. C.P. Rajneesh, C. Satish Kumar, A. Manimaran, A. Ahmed Khan, Julekha Dey, Omita Yengkhom, Gurram Vasudev, P.P. Vijaya, J. Sugumaran and S. Manivannan., Advances in Biological Research 4 (2): 126-132.
- Bayesian estimation of meiofaunal population using elicited information - A study with experts' opinion in ecological models. Kamal Nasir V., M. Subbiah, M.R. Srinivasan, K. Altaff, M.S. Naveed and J. Sugumaran. 2012. Indian Journal of Geo-Marine Sciences, 41(5) : 473 - 488.
- Influence of seasons on copepods of Agniyar estuary, Palk strait, Tamilnadu, India. J. Sugumaran. 2016. International Journal of Zoology and Applied Biosciences, 1(1): 40-45.
- Effect of Arsenic on haemetological parameters of Freshwater fish, Channa punctatus (Bloch). S. Vanitha, A. Amsath, Dr. K. Muthukumaravel and J. Sugumaran. 2017. International Journal of Zoology and Applied Biosciences, 2(3) : 117-121.
- Abundance of Hydradephagan Beetles from the Lakes of Kancheepuram District, Tamil Nadu, India G. Senthil Kumar, P. Kalaimagal, J., IssaqueMadani and J. Sugumaran. 2017. International Journal of Zoology and Applied Biosciences, 2(6) : 333-337.
- The Influence of pH and salinity on the distribution of Hydradephagan Beetles. G. SenthilKumar, P. Kalaimagal, J. Issaque Madani and J. Sugumaran. 2018. International Journal of Zoology and Applied Biosciences 3(1) : 9 -17.
- Sugumaran, J. and R. Padmasai. 2019. Meiofaunal diversity and density of Manamelkudi – an intertidal sandy beach of Palk Bay, India. Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences, 5(2): 31 – 46. DOI: 10.26479/2019.0502.03.
- Padmasai R. and J. Sugumaran. 2019. A Reliability Assessment of Nematode Copepod Ratio from the Unpolluted Sandy Beaches of Palk Bay, India. International Journal of Pharmacy and Biological Sciences. 9 (1): 1244-1252. DOI: <https://doi.org/10.21276/ijpbs.2019.9.1.160>.
- Altaff, K., A. Janakiraman, M.S. Naveed, M. Asrar Sheriff, M. War, J. Sugumaran, and G. Mantha. 2019. Post-restoration ecological assessment on the zooplankton dynamics of the Adyar creek and estuary. Journal of Coastal Conservation, 23(2):473-483. <https://doi.org/10.1007/s11852-018-00676-6>.
- Vasanthi, N., K. Muthukumaravel, O. Sathick and J. Sugumaran. 2019. Toxic effect of mercury on the freshwater fish Oreochromis mossambicus, Research Journal of Life

Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences, 5(3): 364-376. DOI: <https://doi.org/10.26479/2019.0503.30>.

- J. Sugumaran, R. Padmasai, K. Altaff. 2019. The effects of tropical cyclone Gaja on sandy beach meiofauna of Palk Bay, India. *Regional Studies in Marine Science* 31 (2019) 100747. <https://doi.org/10.1016/j.rsma.2019.100747>.

17. RESEARCH PAPER PUBLICATIONS (NATIONAL/INTERNATIONAL CONFERENCE PROCEEDINGS)

- Biology and culture of meiofaunal harpacticoid copepods in the proceedings of National Seminar on Applied Zoology organized by Department of Zoology, Ayya Nadar Janaki Ammal College, Sivakasi, during February 7 – 9, 2007.

18. Resource Person in State Level / Symposium/ National / International Conferences

- National Workshop on Zooplankton, Organised by PG & research Department of Zoology, The New College, Chennai – 14, during 5 -10 July 2005.
- National Work shop on Live Feed Culture for Aqua-Hatcheries, Organised by PG & research Department of Zoology, The New College, Chennai – 14, during 15 to 19th September 2014.
- National seminar on recent trends and challenges in biosciences (RTCB-2016), Organised by PG & research Department of Zoology, Khadir Mohideen college, Adirampattinam, during 16th October 2016.
- Young Student Scientists Programme 2018, Calalyzed and supported by Taminadu State Council for Science and Technology, Department of Higher Education, Government of Tamilnadu, Organised by Khadir Mohideen College, Adirampattinam – 614701, during 24th December 2018 to 7th January 2019.
- DBT Sponsored One Day National Online Skill Development Workshop on Competence of Meiobenthic tiny Copepod Live Feed for Marine Finfish Larvae. During 08-02-2022 organised by Aquaculture Research Laboratory, Department of Marine Biotechnology, AMET University Chennai.

19. Papers Presented in State Level / Symposium/ National / International Conferences

- International Seminar on “Ecotechnology for Sustainable development” ECOTECH – 2004 during October 4 – 6, 2004 organised by Department of Zoology The New College, Chennai – 14.
- International Seminar on Environmental Biotechnology “ENVIROTECH – 2006 during July 5 – 7 2006 organised by Department of Zoology, Justice Basheer Ahmed Sayeed College for Women, Chennai – 18.
- National conference on Biodiversity organized by School of Entomology & Centre for Natural Resources Management (SECNARM), Department of Zoology, Loyola college, Chennai – 34 during January 31 & 31, 2006.
- National Seminar on Applied Zoology organized by Department of Zoology, Ayya Nadar Janaki Ammal College, Sivakasi, during February 7 – 9, 2007.
- National seminar on recent trends and challenges in biosciences, Organised by PG & research Department of Zoology, Khadir Mohideen college, Adirampattinam, during 16th October 2016.

- National workshop in “Biodiversity Assessment of Herpetofauna and other organisms” conducted from 26th and 28th February 2020 at Government Arts College, Udthagamadalam.

20. Seminars / Conferences / Workshops Organized:

- Organising secretary on Awareness programme on Greenery held during 05-06-2022 to commemorate World Environment Day.

21. Seminars / Conferences / Workshops Attended

- Ocean life, food & medicine expo 2004 organised by Tamilnadu veterinary and Animal Sciences university, Manonmaniam Sundaranar University, University of Madras, Annamalai University and Aquaculture Foundation of India, During February 27 – 29 2004.
- Sixth national conference on emerging trends in crystal growth and nano materials, organized (NECAN - 2008) by organized by Department of Physics, Loyola college, Chennai – 34 during February 28 & 29 2008.
- Melange-2008 National level industry & Academic meet, organized by Department of Biotechnology, Chemistry and Industrial Chemistry & Management, Vel’s college, Chennai – 117 during 31 January & 1 February 2008.
- National seminar on Advances in Animal Science for Sustainable Development (AASSD-2018), Organised by PG & research Department of Zoology, Jamal Mohamed College, Tiruchirapalli on 15th February 2018.
- International Seminar on Coastal and Marine Biodiversity and Conservation (ISCMBC-2018) Organised by Centre of Advanced Study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai – 608 502, Tamil Nadu, India on March 15 & 16, 2018.

22. Books Chapter Written and Published

- J. Sugumaran, Md. S. Naveed and K. Altaff, Rotifera. In: A manual of Zooplankton. (Ed: K. Altaff.), 2005, The New college, Chennai -14, 19 - 39pp.
- Biology and culture of meiofauna. 2014. In : Manual of Live Feed for Aqua-Hatcheries. (Ed: K. Altaff). Mohamed Saquib Naveed, J. Sugumaran, Mehrajuddin War and K. Altaff, 145-158p.

23. Member in Editorial Board

- Editorial advisor In International Journal of Pure and Applied Zoology

24. Reviewer of the following journal

- International Journal of Pure and Applied Zoology
- International Journal of Zoology and Applied Biosciences
- Biocatalysis and Agricultural Biotechnology
- Current World Environment
- Journal of Marine Science and Engineering

25. Membership in Academic Body/Board of Studies: **NIL**

26. Guest Lectures given

- National Workshop on Zooplankton, Organised by PG & research Department of Zoology, The New College, Chennai – 14, during 5 -10 July 2005.
- National Work shop on Live Feed Culture for Aqua-Hatcheries, Organised by PG & research Department of Zoology, The New College, Chennai – 14, during 15 to 19th September 2014.
- National seminar on recent trends and challenges in biosciences (RTCB-2016), Organised by PG & research Department of Zoology, Khadir Mohideen college, Adirampattinam, during 16th October 2016.
- Young Student Scientists Programme 2018, Calalyzed and supported by Taminadu State Council for Science and Technology, Department of Higher Education, Government of Tamilnadu, Organised by Khadir Mohideen College, Adirampattinam – 614701, during 24th December 2018 to 7th January 2019.
- DBT Sponsored One Day National Online Skill Development Workshop on Competence of Meiobenthic tiny Copepod Live Feed for Marine Finfish Larvae. During 08-02-2022 organised by Aquaculture Research Laboratory, Department of Marine Biotechnology, AMET University Chennai.

27. Membership of Professional Bodies: **NIL**

28. Details of Major/Minor Research Projects taken so far: **NIL**

29. Details of participation in extra and co-curricular activities in our and other colleges:

S.No.	Name of Activity	Period
1.	NIRF Nodal officer	August 2021 to Till date
2.	NSS Programme officer	01-10-2022 to Till date

30. Orientation / Refresher/Short Term/MOOC/Other Courses Attended

- Orientation Programme, Batch 134, UGC-HRDC, University of Madras, Chennai from 16-08-2018 to 12-09-2018.
- Refresher Course in Life Sciences, UGC-HRDC, Andhra University, Visakhapatnam from 18-09-2019 to 01-10-2019.
- Online Refresher course in Zoology. UGC-HRDC University of Madras from 18-11-2020 to 01-12-2020.
- Online Refresher course in Life Sciences. UGC-HRDC Osmania University from 03-01-2022 to 18-01-2022

31. Honors and awards received:

- Junior Research Fellow in Ministry of Environment and Forests (Govt. of India) funded project entitled "*Diversity of meiobenthic fauna of the coastal line of Tamilnadu*". Duration: October 2002 – September 2005.
- Team Member in Adyar Poonga Trust (Govt. of Tamilnadu) sponsored project entitled "Restoration assessment of Adyar Creek and Estuary using invertebrate dynamics" (Part time work). Duration: June 2009 – May 2010.