

STAFF PROFILE



1) Name: Dr. I. Vijayakumar

2) Designation: Assistant Professor & Head

3) Department: Zoology

4) Qualifications:

Academic: M.Sc., Ph. D

Additional: Nil

5) Experience (in years): Teaching: 10 Research: 06

6) Area of Specialization: Molecular Entomology

7) Contact: **9994814445** E-mail: **vijay.realworld@gmail.com** Mobile Number: **9994814445**

8) Grants Received (Conference/Workshop/Seminar/any other):

Event Title	Agency	Fund Received	Date
Nil			

9) Project Completed:

Project Title	Agency	Fund Received	Duration
Nil			

10) Project ongoing :

Project Title	Agency	Fund Received	Duration
UBA	MOE/ MHRD	50,000	Nov-2022- Nov-2023

11) Research Guidance:

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.		
M. Phil.	3	

12) Research Publications:

	International	National
Total Number of Publications	5	6

List of International Publications:

Sl. No	Name of the Author	Title of the Paper	Name of the Journal	Year	Volume Issue No.	Page No.	Impact Fact No
1	G,Chelladurai,	Investigation of	<i>Internationa</i>	2012	2(4)	41-43.	

	T.veni, J.Mohanraj and I.Vijaya Kumar	<i>Lactobacillus acidophilus</i> as probiotics on growth performance and gut Microflora of cat fish (<i>Mystus montanus</i>)	<i>l Journals of Research in Fisheries and Aquaculture</i>				
2	T.Veni,G. Chelladuari,J. Mohanraj, I.Vijayakumar and M. Petchimuthu	Dietary administration of <i>Lactobacillus acidophilus</i> as probiotics on health ,surivial and gut microbial load in Cat fish (<i>Mystus montanus</i>)	<i>Internationa l Journals of Research in Fisheries and Aquaculture</i>	2012	2(4)	48-51	
3	I.Vijayakumar T.Veni, J. Mohanraj	Spider fauna of betelvine agro-ecosystem in Aattur, Tuticorin District, Tamil Nadu, India.’	<i>Internationa l Journals of Pharmaceuti cal Research and Bioscience</i>	2013	2(4)	139-152	
4	Chelladurai, G., M. Karthigarani and I. Vijayakumar	Inhibitory activity against shrimp pathogens of bacterial Isolates from shrimp food, shrimp gut, seawater and seaweed	<i>Internationa l Journals Marine. Science</i>	2015	5(37)	1-5	
5	G,Chelladurai, J.Mohanraj and I.Vijaya Kumar	Antibiogram of coral reef associated molluscs from tuticorin coast,gulf of mannar, India	<i>Internationa l Journals of Geo-Marine. Sciences</i>	2015	44(7)	1112-1119	

List of National Publications:

Sl. No	Name of the Author	Title of the Paper	Name of the Journal	Year	Volume Issue No.	Page No.	Impact Fact No
1	Karthikeyan, K.A.M., I . Vijayakumar , P.Murali , P.Suresh, and S.Janarthanan	Detection of genetic polymorphism in the population of the brinjal shoot and fruit borer, <i>Leucinodes orbonalis</i> (Guenee),	<i>Indian Journal of Experimental Biology</i>	2005	43	548-551	0.702.
2	Karthikeyan, K.A.M., I . Vijayakumar , , P.Suresh, and S.Janarthanan	Molecular Variation in the natural population of pink bollworm, <i>Pectinophora gossypiella</i> (Saunders)	<i>Entomon</i>	2007	32(4)	245-250	0.2.
3	Karthikeyan, K.A.M., I . Vijayakumar , P.Suresh, and S.Janarthanan	Susceptibility of genetically improved varieties of Indian pulses to the pulse beetle <i>Callosobruchus maculatus</i> (Fabricius)	<i>Indian Journal of Entomology</i>	2008	70 (1)	64-67-	

4	Ananthaselvi, P. Suresh, S. Janarthanan, K.A.M. Karthikeyan and I. Vijayakumar	Acridid fauna of agricultural ecosystem in some southern districts of Tamil Nadu, India	<i>Journal of Threatened Taxa</i>	2009	1(9)	491-492	
5	I.Vijaya Kumar, G Chelladurai, T Veni, SSH Peeran, J Mohanraj	Medicinal plants as immunostimulants for health management in Indian cat fish	<i>Journal of Coastal Life Medicine</i>	2014	2 (6)	426-430	
6	Mohanraj, J, G. Chelladurai, S. Balakrishnan and I.V. Kumar	Gulf of Mannar Island coral reef associated gastropods assemblages: Distribution and diversity pattern	<i>Journal of Coastal Life Medicine.,</i>	2015	3(9)	691-695	

13) Chapters in Books: Nil

14) Other Publications (Proceedings): 1

I. Vijayakumar Karthikeyan, K.A.M., S.Janarthanan , and P.Suresh	RAPD- Based Species Characterization of the Short- Horned Grasshoppers	<i>Biotechnology and Insect Pest Management</i>	2006
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15) Books Published: Nil

16) Presentation in Seminar / Conference:

International: 3

National: 12

17) Participation in Conference: 8

18) Participation in Seminar: 28

19) Participation in Workshop: 2

20) Participation in Orientation Programme/ Induction Programme/ Short term Courses: 3

Sl. No	Name of the Course	Academic Staff College, University	Duration	Date
1	Orientation Programme	Bharathidasan University. Tiruchirapalli. 620023.	28 DAYS	13/11/2015 To 10/12/2015
2	Orientation Programme – NSS	NSS- ETI, Avinashilingam Institute for Home Science Coimbatore- 641043	7 DAYS	24/07/2019 To 30/07/2019
3	Short term Courses (ONLINE)	SAVIOURS AND FRIEND OF ENVIRONMENT(SEFE) – KOLKATA- 700057	12 DAYS	16/06/2020 To 15/07/2020

21) Participation in Faculty Development Programme: 3

1	FDP	VHNSN & PEARL- KARNATAKA	5 DAYS	20/07/2020 To 24/07/2020
2	FDP- MOOCS 3.0	Teaching Learning Centre, University Of Delhi	2- Week	25/07/2020 To 10/08/2020
3	FDP- MOOCS 3.0	Teaching Learning Centre, University Of Delhi	7 DAYS	22/07/2021 TO 28/07/2021

22) Conference/ Seminar/ Workshop Organized: 1

23) Invited Speaker/ Session Chair – Conference/ Seminar/ Workshop: 3

24) Other Co-curricular / Administrative Responsibilities: NSS- PO & Coordinator UBA

25) Member in Board of Studies: 1

26) Editorial/ Review Board Member:

27) Membership in Professional Bodies: 1

28) Awards received: 2

29) Consultancy: Nil

30) Patents: Nil

31) Any other information:

Organized Training programmes/ Seminars

- 1. ASTRA Programme-** Application of Science and Technology for rural Areas (ASTRA) Programme.

Funding Agency: Tamilnadu State council for Science & Technology. (TNSCST), Chennai. Sanctioned Lr. No. TNSCST/YSSP/VR/2012-2013/81.

Fund Amount: Rs 1,40,000 lakhs and forty thousands

List of programmes

1. Value addition of products
 2. Ornamental fish culture
 3. Mushroom cultivation
 4. Sericulture
 5. Vermicomposting
 6. Job opportunities for youth
 7. Seaweed culture techniques
2. Acted as a Co-ordinator “YSSP – May – 2013” (Young student scientist programme)
Funding Agency : Tamilnadu State council for Science & Technology. (TNSCST), Chennai. Sanctioned Lr. No. TNSCST/YSSP/VR/2012-2013/81,
Fund Amount: Rs 3,00,000 Lakhs.
 3. Acted as a Assistant Co-ordinator **YSSP – May - 2015**(Young Student Scientist programme)
Funding Agency : Tamilnadu State Council for Science & Technology. (TNSCST), CHENNAI.
Fund Amount: Rs 3,00,000. Lakhs.

FELLOWSHIP AWARDED

1. As a Project fellow in a **Department of Science and Technology**, Government of India Funded Major Research Project, January 2004 – March 2006 .
2. As a Rajiv Gandhi National fellow (**RGNF, JRF, SRF**) in University Grant Commission (UGC) No. F. 16-370(Sc)/2006. April 2006 – 2010 March.
3. My M.Sc Students received, Students Project Scheme Sponsored by Tamilnadu State Council for Science & Technology (**TNSCST, CHENNAI**).
Title: ‘Development and uses of plant-based (Botanical) pesticides against insect pest in piper beetle’,
Funding Agency: Sanctioned Lr. No. TNSCST/SPS/AR/2012-2013/AS-13,
Fund Amount: Rs 10,000.

27 Acridids Species Gene Sequences (28srDNA) were deposited in the World Gene Bank(NCBI)

Sl.No	Species Name	Accession No
1	<i>Acorypha insignis</i>	FJ 966382
2	<i>Phlaeobida angustipennis</i>	FJ 966381
3	<i>Eyprepocnemis alacris alacris</i>	FJ 887814
4	<i>Heterachris pulcher</i>	FJ 966385
5	<i>Tylotropidius varicornis</i>	FJ 966386
6	<i>Crucinotacris decisa</i>	FJ 966388
7	<i>Aulacobothrus luteipes</i>	FJ 966387
8	<i>Leva cruciata</i>	FJ 966389
9	<i>Leva indica</i>	FJ 966390
10	<i>Hieroglyphus banian</i>	FJ 887814
11	<i>Spathosternum prasiniferum prasiniferum</i>	FJ 887810
12	<i>Aiolopus thalassinus tamulas</i>	FJ 966391
13	<i>Gastrimargus marmoratus</i>	FJ 887807
14	<i>Heteropternis respondens</i>	FJ 966394
15	<i>Morphacris fasciata sulcata</i>	FJ 887809
16	<i>Trilophidia annulata</i>	FJ 887808
17	<i>Gesonula punctifrons</i>	FJ 887811
18	<i>Oxya fuscovitata</i>	FJ 887812
19	<i>Oxya nitidula</i>	FJ 887813
20	<i>Diabolocatantops pinguis</i>	EU 871666
21	<i>Xenocatantops humilis humilis</i>	FJ 966383
22	<i>Ditoptrenis venusta</i>	FJ 966392
23	<i>Anacridium flavescens</i>	EU 871668
24	<i>Acrida exaltata</i>	EU 871667
25	<i>Gastrimargus africanus africanus</i>	FJ 887807
26	<i>Cyrtacanthacris tatarica tatarica</i>	EU 871669
27	<i>Tristria pulvinata</i>	FJ 887815