

STAFF PROFILE

Name: **K.DURAI RAJ**



Qualification: M.Sc.,M.Phil.,M.Ed.,PGDCA.

Designation: Assistant Professor

Department: Zoology

Subject Interest: Zoology, Microbiology

DETAILS OF PROFESSIONAL AND RESEARCH EXPERINCE

Assistant Professor

Institute: Government Arts College, Dharmapuri – 636 705.

Period: 10.03.2010 **to** 20.07.2010

Teaching Areas: Microbiology, Biostatics, Endocrinology, Microbiology

Assistant Professor

Institute: Government Arts College (Autonomous), Kumbakonam – 612 001.

Period: 21.07.2010 **to** 12.08.2013

Teaching Areas: Immunology, Endocrinology, Microbiology.

Assistant Professor

Institute: Thiru.Vi.Ka.Government Arts College, Thiruvarur – 610 003.

Period: 12.08.2013 **to** Till date

Teaching Areas: Biostastics, Entomology, Molecular Biology, Microbiology

Ph.D: Doing

University: Bharathidasan University, Trichy

College: Government Arts College, Karur

Subject: Zoology

Year : 2013-

Grade: ----

Title of the Thesis: Isolation and characterization of micro-organisms and Bio-degradation of Electroplating effluents in Salem District.

M.Phil:

University: Periyar University, Salem – 636 011.

College: Periyar University, Salem – 636 001.

Subject: Zoology

Year : 2007

Grade: 74 % First Class

Title of the Thesis: A Study of the impact of sublethal toxicity of Endosulfan on the Behavioural, Respiratory, Biochemical, Haematological and Histological changes in the gills of *Mystus gulio*.

M.Sc:

University: Bharathidasan University, Trichy

College: A.V.V.M Sri Pushpam College (Autonomous) Poondi, Thanjavur.

Subject: Zoology

Year : 1996-1998

Grade: 67.68 % First Class

B.Sc:

University: Bharathidasan University, Trichy

College: Thiru.Vi.Ka.Government Arts College, Thiruvavarur – 610 003

Subject: Zoology

Year : 1993-1996

Grade: 55.43 % Second Class

Publications (Given a list Separately) : **Yes, Enclosed**

Research Guidance (Give names of students guided successfully)

Name of the Degree	Total no. of Students	Degree Awarded	Guiding at Present
M.Phil	-----	-----	-----
Ph.D	-----	-----	-----

Students Successfully Completed in the Ph.D Programme

Name of the Student	Title of the Thesis	Submitted	Awarded	Name of the University	Month & Year
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RESEARCH PROJECTS CARRIED OUT.

Title of the Project	Name of the Funding Agency	Duration / Remarks
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Improvement of Professional Competence.

Name of the Training programme	Place	Duration of Training Programme
1	2	3
Orientation Programme	Madras University	26 Days (04-05-2011 to 02.06.2011)
Refresher Programme	Bharathidasan University	21 Days (18.07.2014 to 07.08.2014)

Enclosed Annexure – A

Publications

1. Effect of cadmium of the alterations in the histological,organization of the gill of edible estuarine clam *Meretrix casta*.Global J Trad Med Sys 2013 2(2): 4-7.
2. Management of *Meloidogyne incognita* on tobacco through *Glomus aggregatum* and oil cakes IJPBA. 2013; 4(2): xxx – xxx.
- 3 Plant growth promotion and management of root-knot nematode (*Meloidogyne incognita*) through *Glomus aggregatum* and *Bacillus coagulans* and vermicomposting in tomato. IJPBA. 2013; 4(2): xxx – xxx.
4. Variability in growth,nutrition and phytochemical constituents of *sphaeranthos amaranthoides*(L) burm as influenced by indigenous arbuscular mycorrhizal

fungai. Global R J Pharm Sci. 2013 2(2): 5-10.

5. Comparative Variation of Biochemical Parameters in Cultural and Natural Fishes (Indian Major Carps IJPBA. 2014; 5(1): 1261 – 1264
6. The impact of cadmium on the hematological parameters in *clarius batrachus* at anaikarai, Thanjavur District 2014; 5(1): 1231 – 1235.
7. A comparative nutrient analysis of vermicompost and goat manure used on the growth of plant green gram (*vigna radiate*). Int.J.Modn.Res. Revs.Vol,3 Issue 7, pp 728-730, July, 2015.
8. Biodegradation pentachlorophenol (PCP) from paper and pulp waste effluents by *Bacillus licheniformis* ISBN;978-80686-03-5.
9. Characterization of Chromium remediating bacterium *Bacillus subtilis* isolated from electroplating industrial effluent Vol.1;No 2;VIBP-2015.
10. Relative Toxicity Effects of Herbicide Metribuzin on the behavioural changes of earthworms *Lambrito marutii* kept indifferent substrates. IJARQ (usa) Volume 3, Issue 9 – 2016.
11. Diversity of brachyuran crabs captured and landed by trawl at Akkaraipettai landing station, Nagapattinam, Tamil nadu, India. (IAJMR) issn: 2454-1370.