



Name : **Dr. M. VIGNEESWARAN**

Department : **Zoology**

Designation : Assistant Professor  
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Experience in Teaching : 7 years

Experience in Research : 9 years

Educational qualification :

S.No	Degree	Institution	Year of Passing
1	Ph.D., (zoology)	Manonmaiam Sundaranar University, Tirunelveli.	2016 awarded
2	M.Phil., (Zoology)	V.H.N.S.N. College, Virudhunagar. (Madurai Kamaraj University)	2005
3	M.Sc., (Zoology)	V.H.N.S.N. College, Virudhunagar.(Madurai Kamaraj University)	2004
4	B.Sc., (Zoology)	S.R.N.M. College, Sattur.( Madurai Kamaraj University)	2002

**Titles of Dissertation** :

**M.Phil.** : **Food utilization and fecundity of Guppy (Lebistes reticulates) fed with bioencapsulated Artemia franciscana.**

**Ph.D.** : **Impact of microbial fauna on biodegradation and Accumulation of azo dyes in an agro eco system**

**Areas of Specialization** :

Bioremediation, Microbiology, Biotechnology and Environmental Science

**Research Experience** :

Organization : FDC Pharma Ltd, Mumbai (Food & drug corporation Ltd).

Designation : Specialty Officer (project drug Research) – 2 years.

Organization : Venture Institute of Biotechnology Research Center, Madurai.

Designation : Research Coordinator – 3 years.

**Courses Attended:**

- Participated in the “**Faculty Development Programme**” conducted under UGC – Autonomy Grant held at VHNSN College, Virudhunagar.
- Participated in the “**Faculty Development Programme**” conducted under UGC – Autonomy Grant held at N.M.S.S. Vellaichamy Nadar College, Madurai.

**Seminars, Workshops and Conferences Attended:**

**Regional level Seminar:**

- Regional level seminar on “**Water Resources and Aquaculture with a Special Focus on Aquarium Fishes**” at Kamaraj College, Thoothukudi.

### **State level Seminars:**

- State level seminar on “**Multidimensional Research in Biological Sciences**” at Venture Institute of Biotechnology and Bioinformatics Research, Madurai.
- State level seminar on “**Current Strategies in Forest Resources Management**” at VHNSN College, Virudhunagar.
- State level seminar on “**Energy and Environment**” at VHNSN College, Virudhunagar.
- State level seminar on “**Current Prospective of Enzymology**” at Venture Institute of Biotechnology and Bioinformatics Research, Madurai.

### **Workshops:**

- Attended National level workshop on “**Techniques in Animal cell culture**” at Lady Doak College, Madurai.
- Attended workshop on “**Environment and Waste management**” at S.R.N.M. College, Sattur.
- Attended workshop on “**Advanced Techniques in Molecular Biology**” at Venture Institute of Biotechnology and Bioinformatics Research, Madurai.

### **Conference:**

- National Conference on “**transformation of Youth – A Lead to Skilled and Developed India**” organized by Department of Commerce, VHNSN College, Virudhunagar.

### **Co-Ordinator:**

- B.Voc. Programme (UGC supported) [From 3.06.2018 To till now].

### **Extension Activities:**

- Completed **Diploma** course in **Computer Application (DCA)**.
- Completed certificate course in **Alternative Medical Science**
- Participated in the “**Annual Wildlife Census Programme**” organized by TamilNadu Forest Department.
- Participated in the training programme on “**Recent Advancement in Maintenance of Aquarium**” sponsored by TamilNadu State Council for Science and Technology, Chennai & NCSTC, New Delhi and organized by Kamaraj College, Tuticorin.

- Act as a committee member in “**Dengue Awareness Campaign**” organized by Department of microbiology, VHNSN College, Virudhunagar.

### **Research Publications:**

- Food utilization and fecundity of Guppy (*Lebistes reticulatus*) Fed with bio encapsulated *Artemia franciscana*. Journal of Ecobiotechnology 2/2: 33-40, 2010. ISSN 2077-0464.
- Computational and Molecular Studies Related to Multidrug Resistant Microorganisms Isolated from Clinical Sample. Journal of Ecobiotechnology 2/5: 60-64, 2010. ISSN 2077-0464.
- Biotreatment for effective degradation and decoloration textile effluent using novel spore forming *Bacillus sp.* Journal of Ecobiotechnology 2/2: 2011. ISSN 2077-0464.
- Bioaccumulation studies of heavy metal on impact towards polluted soil using earthworm *Lampito mauritii* and *Eisenia*. Journal of Eco biotechnology 2/2: 2011. ISSN 2077-0464.
- Computational and Functional Annotation of Putative ORF ZMO1085 in the Genome of *Z. mobilis*. Journal of Ecobiotechnology 2/2: 2011. ISSN 2077-0464.
- Thermal Sensitivity and Sucrose Accumulation in Response to Chemical Ripener Application in Sugarcane. Journal of Experimental Sciences Vol. 2, Issue 2, Pages 16-20 2011. www.jexpsciences. Com
- Biodegradation & Bioremediation of Azo Dye entrenched soil by *Pseudomonas sp.* International Journal of Chemical and Analytical Science. ISSN: 0976-1206. Research Article www.ijcas.info.

### **Papers in progress:**

- Impact of microbial fauna on biodegradation and bioremediation of various azo dyes using Spores forming *Bacillus Species*. Indian Journal of Current Science Research ISSN 2454-5422.
- Bioremediation for effective biodegradation and discoloration of textile effluent using *Pseudomonas sp.* Indian Journal of Current Science Research ISSN 2454-5422.