

**Miss. J. KETSIYAL**

Lecturer

**Mobile no:** 7373380954, 9514806844.

Department of Aquaculture

**Email:** ketsichristy@gmail.com

The American College

Madurai - 625021.

### **Objective**

To share my knowledge to students by teaching with team building skills in a rapidly growing organization.

### **Educational Qualification:**

<b>Degree</b>	<b>Institution</b>	<b>Marks</b>	<b>Year of passing</b>
<b>PhD</b>	Pursuing The American College, Madurai.	-	-
<b>M. Phil in Zoology</b>	The American College, Madurai	61.7%	2017
<b>M.Sc in Zoology</b>	The American College, Madurai	62.2%	2016
<b>B.Sc in Zoology</b>	SVN Arts and Science College, Madurai	66.6%	2014
<b>HSC</b>	Sirumalar Girls Higher Secondary School, Nagamalai Pudhukottai, Madurai.	67.7%	2011
<b>SSLC</b>	Govt. Girls Higher Secondary School, Othakkadai, Madurai.	78.2%	2008

### **Work Profile**

Working as a lecturer, Department of Aquaculture, The American College, Madurai, from August 2017 till date.

### **Project done**

**B.Sc: "Bacterial diversity in the skin, Gill and Gut of the Indian major carp *CATLA CATLA*"**

**M.Sc: “Isolation and Identification of pathogenic bacteria from selected water samples in Madurai”**

**M.Phil: “Studies on the Influence of Vermicompost, AmirthaKaraisal, AbdA gold (Market Product) Growth and Comparison of Chosen Plants”**

The aim of the present study is to find out the effect of vermicompost, amirthakaraisal and AbdAgold separately and in combination on the growth of *Cassia auriculata* and *Capsicum annum*. Application of vermicompost and Amirthakaraisal in the field enhances germination percentage in *Cassia auriculata* and *Capsicum annum*. Application of vermicompost, Amirthakaraisal and enhanced the root length, shoot length, wet weight and bacterial population in both plants. Application of AbdAgold has a very good effect on the chlorophyll content leading to enhanced photosynthesis and protein content in both plants. The combination of the three organic manures vermicompost, Amirthakaraisal and AbdA gold enhanced the chlorophyll content, protein content, wet weight, and actinomycetes count in the cake of both *Cassia auriculata* and *Capsicum annum*. This study shows that vermicompost and Amirthakaraisal are sustainably productive, economically cheap, environmentally safe and ecologically acceptable manures.

**Conferences and workshops participated/presented**

1. National Virtual Conference on Human Microbiome at the Interface of Health and Disease (TNSCST sponsored) Department of Microbiology, The American College, Madurai-2
2. National Seminar on Current Scenario of Locusts and their Management, Jai Narain Vyas University, India.
3. State Level Seminar on Environmental Pollution and Sustainable Development, department of zoology, N.M.S.S.V.N College, Madurai.
4. National Level Seminar on Trends in Bioprospecting, N.M.S.S.V.N College, Department of Microbiology, Biochemistry, Biotechnology, Madurai.
5. State Level Seminar on Pollution and Eco Management, Department of Zoology, N.M.S.S.V.N College, Madurai.
6. Educator Skill Training on “Freshwater Biodiversity Conservation Education Training” (WILD sponsored) Department Of Zoology, N.M.S.S.V.N College, Madurai.
7. State Level Seminar on Recent Research Trends in Fresh Water Aquatic Organisms, Department of Zoology, N.M.S.S.V.N College, Madurai.
8. Presented a paper on International conference on “New Horizons, Emerging Challenges and Recent Paradigms in Food Mediated Immunity and their Role in Human Health and Longevity” Department of Zoology and Department of Immunology and Microbiology, The American College, Madurai.
9. International Conference on Recent Advances in Animal Science, Department of Zoology, Madurai.
10. International Webinar on Past, Present and Future Trends in Vaccinology, Madurai Kamaraj University, Madurai.
11. Participated on one day training programme on “Farm Made Fish Feed Preparation” Fisheries College and Research Institute (FC & RI), Dr. J.Jayalalitha Fisheries University (TNJFU) Thoothukudi, Tamilnadu.

## **List of Publications**

1. **J.Ketsiyal**, & A. Joseph Thatheyus. Influence of Vermicompost, Amirthakaraisal and AbdA Gold on the Growth of *Cassia Auriculata*. Roots International Journal of Multidisciplinary Researches, 2018; 4(9): 54-60. **JIF: 3.487**.
2. **J.Ketsiyal** & A. Joseph Thatheyus. Influence of Vermicompost, Amirthakaraisal and AbdA Gold on the Growth of *Capsicum Annum*. Journal of Biotechnology Research, 2021; 7(2): 18-26.

## **Areas of Interest**

Microbiology, Environmental Biology, Environmental Science and Aquaculture.

## **Computer Skills**

Operating system, MS office, DCA.

## **Personal profile**

Name	-	J. KETSIYAL
Father's name	-	R. Jobsekar (LATE)
Mother's name	-	J. Maria Sahaya Daisy
DOB	-	10 <sup>th</sup> May 1994, Female
Marital status	-	Single
Religion	-	Christian
Mother tongue	-	Tamil
Nationality	-	Indian
Linguistics skills	-	Tamil, English (Read, Write and Speak)

## **Declaration**

I hereby declare that the details given above are true to the best of my knowledge. Given an opportunity in your esteemed concern, I will prove my mettle and discharge my duties efficiently to the satisfaction of the concern.

Date:

Yours faithfully,

Place: Madurai-21.

(J.Ketsiyal)