

**Aditanar College of Arts and Science**  
**Virapandianpatnam – 628216**  
**Tiruchendur**  
**Bio - Data**

**Name of the Department** : Zoology

**Name of the faculty member** : Dr. D. Vasumathi

**Qualification** : M.sc, B.Ed., Ph.D.

**Present Designation** : Assistant Professor

**Vidwan id** : 434046

**Residential Address** : 125 Arumugapuram Mela Tiruchendur  
(Post), Tiruchendur – 628205

**Contact Nos.** : 9486241227

**Email** : dr.vasumathi1@gmail.com

**Gender** : Female

**Community** : BC, Hindu Nadar

**Date of Birth and Age** : 30.06.1964/ 59

**Date of joining** : 18/09/2007

**Date of Retirement** : 30/06/2024



## I. Particulars of Educational Qualification

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc.,	Zoology	1984	APC Mahalakshmi College for Women	M.K University	73%	First
PG	M.Sc.,	Zoology	1989	VOC College	M.K University	77%	First
B.Ed.	B.Ed.	Biological Science	1986	Annammal college of education	M.K University	65%	First
Ph.D.	Ph.D.	Zoology Eco Physiology	2002	VOC College	M.S university		Highly commended

**II Additional Qualification** : -

NET/SLET

**III Title of Ph.D. Thesis** :

Bimodel respiration with special reference to environmental factors and pollutants in *macropodus cuppanus*

**IV Faculty/Discipline/Subject in which Ph.D. was awarded** :

Zoology

List of Publications

: Annexure - I

No. of Candidates Completed Ph.D. under your Guidance

: Annexure - II

No. of candidates doing Ph.D. under your Guidance

: Annexure – III

## V Academic Experience:

Name of the College	Whether Govt/Aided/S.F.	Designation	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Govindammal Aditanar College for women	S.F	Assistant Professor	01/07/1989	17/09/2007	18	2	16
<b>Total</b>					<b>18</b>	<b>2</b>	<b>16</b>

**VI Administrative/other Experience :** NSS programme officer (Years Experience)

**VII Other Relevant Information :**

**a) Contribution to the University (Eg. Examiner/Board of studies etc.)**

Serving as additional examiner in valuing papers in U.G. major, & Ancillary Zoology, Environmental studies and Social Value Education  
Serving as external examiner in Ancillary Zoology Practical examination  
Serving as external examiner in UG Project viva voce

**b) Contribution to College (Eg. NCC/NSS/YRC/CLUB/etc.)**

Member in  
Value Education Committee  
Quiz Committee  
NAAC Steering Committee (2007)

- NSS Programme Officer (Unit No. 49) from 2002 – 04.
- Y.R.C Programme Officer from 2006 – 07.
- Convener – Anmeegavalarchi Kazhagam

Member in (Aditanar College of Arts and Science)  
Women's Welfare Committee (2008 onwards)  
Ecoclub (2008 onwards)  
Folk lore (2008 onwards)  
NAAC Committee (DCA) (2008 - 2009)  
IQAC (2008 - 2009)  
Assisitant co-ordinator in YSSP (May 2008)

**Special camp on Rainwater harvesting at Pallathoor form 16.08.2002 to 28.08.2002**

- Planted 50 Neem trees on 18.08.2002
- Accessed free legal aid to 18 people on 22.08.2002
- In coolaboration with Sivanthi Aditanar Narpani Mandhram and Aravind Eye Hospital, Tirunelveli conducted free Eye checkup for 103 people and Free Cataract operation 14 People on 24.08.2002
- Free veterinary camp
- Free Medical camp

**Special camp on Health and Sanitation camp at Thalavaipuram from 14.08.2003 to 23.08.2003**

- In collaboration with Sivanthi Aditanar Narpani Mandhram and Aravind Eye Hospital, Tirunelveli conducted free Eye checkup for 137 people and Free Cataract operation for 8 people on 20.08.2003

- Helped 25 people to construct toilet with Govt. aid
- Free veterinary camp
- Free Medical camp
- Health and Hygiene awareness rally on 26.06.2006

**b) Any other information**

- Conducted a Symposium on Aids and leprosy awareness for the students at Govindammal Aditanar College on 11.01.2003
- Blood donation camp at Govt. Hospital, Tiruchendur on 18.02.2003]
- Leveling of sand dunes at Moovar samathi on 22.02.2003
- Helped the expired NSS student K.Benu's family by offering a donation of Rs.3042/- collected from the students on 24.03.2003
- In collaboration with Vivekendra and Bharat Gas Agency, Tiruchendur conducted free Eye checkup for 132 people and Free Cataract operation for 29 people of tiruchendur on 29.06.2003
- Blood donation awareness rally at Tiruchendur on 26.09.2003
- Along with Indian Medical Association Lions Club helped the I year students in blood group identifications
- Along with the NSS Volunteers planted 50 Neem trees, 200 Pungai trees, in and around the college campus
- Arranged a meeting for III Year Students regarding job Oppurtunities and sources of higher studies
- Thalaimai panbugal matrum Thanipanbugal valarthal – payirchi for the students of Govindammal Aditanar College for women, Tiruchendur on 26.07.2003
- First Aid Camp for the Students of Govindammal Aditanar College for women, Tiruchendur on 20.02.2004
- As a YRC officer arranged a Training Programme to self help group on “Value added fishery products” on 20.10.2005

**ANNEXURE - I**

**IV. List of Publications**

<b>Title</b>	<b>Periodicity of the article</b>	<b>Name of the Journal</b>	<b>Page No</b>	<b>Year</b>	<b>Journal No. ISBN/ISSN Impact factor</b>
Evaluation of marine mangrove plant <i>Avicennia marina</i> against tobacco cut worm <i>Spodoptera litura</i> fab	-	<i>International Research Journal of Natural and Applied Sciences</i>	128-135	2018	2349-4077 (5.46)
Impacts of Global Fever- A critical Analysis	-	<i>Proceedings In National Conference on Recent Trends in Climatic Changes ad</i>	89-92	2008	-

		<i>Coastal Bio resources</i>			
Bimodel Respiration in an Obligatory Air-breathing Fish <i>Macropodus cupanus</i> as a function of body weight	-	<i>Environment and Ecology</i>	705-710	2001	0970 0420
Acute Toxicity of Endosulfon, Methyl parathion and Carbaryl on <i>Macropodus cupanus</i>	-	<i>Environment and Ecology</i>	376-379	2001	0970 0420
Effects of dying factory effluent on biochemical constituents of fresh water fish <i>Labeo rohita</i> L		<i>Journal of Scientific Transactions in Environment and Technovation</i>	1-6	2013	0973-9157
Pharmaceutical evaluation of <i>Avicennia marina</i> (Forssk) vierh		<i>International Conference on Bio-Commerce 2019</i>	49-57	2019	978-93-5351-473-0

#### ANNEXURE - II

#### IV. No. of Candidates Completed Ph.D. under your Guidance

Name & Address	Title	Register. No & Date of Commencement	Full Time/ Part Time	Fellowship	Completed
Dr. Arockia Mary Fernandez, Dept of Zoology, Aditanar College of Arts and Science, Tiruchendu	Phytochemical profiling, insecticidal activity and molecular docking analysis of <i>Avicennia marina</i> against <i>Spodoptera litura</i>	8180 & 25/01/2011	Part time	yes	yes
Dr. Sivakumar Dept of Zoology, Aditanar College of Arts and Science, Tiruchendu	Study on the impact of dyeing factory effluent on some histological aspects of fresh water fish <i>labeo rohita</i>	8083 & 09/05/2011	Part time	-	yes

#### ANNEXURE - III

**IV No. of candidates doing Ph.D. under your Guidance**

<b>Name &amp; Address</b>	<b>Title</b>	<b>Register.No &amp; Date of Commencement</b>	<b>Full Time/ Part Time</b>	<b>Fellowship</b>	<b>Completed</b>
THANASINGH. G	Bio diversity and population dynamics of butterflies (Lepidoptera: insect) in chosen ecosystems of thoothukudi district, tamil nadu	20222022191002 & 30/12/2020	Part Time	-	Doing
JEYACHANDRA. R	The role and influence of plant damaging insects or pests on selected economically important plants	21212022192002 & 25/01/2022	Full Time	-	Doing
MUTHUKRISHNAN. S	Biodiversity of hemipteran bugs and its agricultural users in srivaikundam taluk	21212022191001 & 29/01/2022	Full Time	-	Doing
SUGUMARAN. S	Bio diversity and population dynamics of butterflies, Lepidoptera insect in thoothukudi and tirunelveli district , tamil nadu	22122022191007 & 06/06/2022	Full Time	-	Doing