

## CURRICULUM VITAE`

1. Name : **Dr. R. RANJANI**
2. Father's Name : Mr. M. Rajendran
3. Gender : Female
4. Date of Birth : 21.07.1985
5. Marital Status : Single
6. Nationality : Indian, Hindu,
7. Address : D/o M. Rajendran,  
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### Educational Qualifications:

Qualification	University / Board	Year	Aggregate
Ph.D Zoology	Seethalakshmi Ramaswami College (Autonomous), Trichy-02 (Bharathidasan University)	2014-2020	<b>Commended</b>
M. Phil., Zoology	Nehru Memorial College (Autonomous), Puthanampatti (Bharathidasan University)	2011-2012	83.2% (Distinction with D++ grade)
M.Sc., Zoology	Nehru Memorial College (Autonomous), Puthanampatti (Bharathidasan University)	2009-2011	65.2% (First class)
B.Sc., Zoology	Nehru Memorial College (Autonomous), Puthanampatti (Bharathidasan University)	2005-2008	58% (Second class)
HSC	Tamilnadu State Board	2005	47.5%
SSLC	Tamilnadu State Board	2003	51.6%

## Research Experience

- ✓ Worked as **UGC Major Research Project Fellow** “Assessment of Molluscan prey community and its impact on the distribution of Asian openbills storks in koothaippar wetland Ecosystem, Tiruchirappalli” in Department of Zoology, Seethalakshmi Ramaswami College Tiruchirappalli from June 2013 to May 2017.

## Publications:

### Book Chapter Publication:

- ✓ Arun kumar Ramu., **Ranjani Rajendran.**, Azhagu Madhavan Sivalingam., V.D. Seshadri and Abdul Bakrudeen Ali Ahmed. 2023. Anticancer potentiated bioactive compounds from marine flora. Marine antioxidants. Chapter 32. **Elsevier.**

### Paper Published

- ✓ Azhagu M.S., **Ranjani, R** Sripriya R. 2021. *In vitro* anti-oxidant activity of phytochemical analysis and various human cancerous cell line using microtiter plate-based assay *Moringa oleifera* leaf extract. International Journal of Zoological and Entomological Letters. 1(1), 38-43.
- ✓ Azhagu M.S., Sripriya R. **Ranjani, R.** 2021. Limitations of Convalescent Plasma Therapy Effective Therapeutic Covid-19 Infection. International Journal of Scientific Research in Chemistry. 6(3), 9-16.
- ✓ **Ranjani, R.** Azhagu M.S. 2021. *In-Vitro* antioxidant activity of pharmacological effect and GC-MS analysis of bioactive compounds presents in *Catharanthus roseus* leaf extract. International Journal of Botany studies. 6(4), 306-312.
- ✓ **Ranjani, R.** Maheswari, A.S. 2020. Distribution of freshwater Mollusca in Koothaippar wetland ecosystem Tiruchirappalli District Tamil Nadu. **GSC Biological and Pharmaceutical Sciences.** 13(02), 091–098.
- ✓ **Ranjani, R.** Maheswari, A.S. 2020. Population fluctuation and Seasonal variations of Asian Openbill Stork (*Anastomus oscitans*) in Koothaippar Wetland Ecosystem Tiruchirappalli District, Tamil Nadu, Southern India. **Alochana Chakra Journal.** Volume IX, Issue V.
- ✓ **Ranjani, R.** Maheswari, A.S. 2017. Spatio- Temporal variations and Bottom Sedimental

influence on the diversity of water birds in Koothaippar wetlands, Tiruchirappalli District Tamilnadu, South India. **International Journal of Current Research**, Vol. 9 (3): 48299 - 48302.

- ✓ **Ranjani, R.** Maheswari, A.S. 2017. Seasonal variation in the bottom sedimental macro-nutrients and its impact on the bio-chemical profile of fresh water molluscan *Pila globosa*, **International Research Journal of Biological sciences**, Vol. 6(5), 10-14.
- ✓ **Ranjani, R.** Maheswari, A.S. 2017. Seasonal variations of Molluscan forms in relation to lake water characteristics in Koothaippar lake ecosystem, Tiruchirappalli District, Tamil Nadu, South India. *Scientific Transactions in Environment and Technovation*. 10(3): 109 – 112.
- ✓ **Ranjani Rajendran**, Saravanan Kaliyaperumal, 2017. Diversity and Distribution of Spider (Araneae) in Different Ecosystem of Puthanampatti, Tiruchirappalli District, Tamil Nadu, South India. **International Journal of Scientific & Engineering Research** Volume 8, Issue 10.

### **Dissertation Submitted:**

#### **Ph.D., Thesis:**

**Spatio temporal variations in the Diversity of freshwater Molluscan forms in Koothaippar wetlands, Tiruchirappalli, Tamil Nadu.**

#### **M.Phil., Thesis:**

Ethnopharmacognosy studies in and around remote hamlets of Mullayanagiri and Bababudanagiri Hills, Chikmangalur District, Karnataka.

#### **M.Sc., Thesis:**

Spider diversity in Puthanampatti village, Trichy district, Tamil Nadu, Southern India.

#### **Awards**

- ✓ **Best oral presentation award** in the International conference on “**FRONTIERS IN LIFE SCIENCE**” held during 7<sup>th</sup> and 8<sup>th</sup> January 2016 at Department of Botany, ST Joseph College, Tiruchirappalli.

## Seminar/Symposium/Workshops attended & Papers Presented

- ✓ International conference on “**Environment and Health**” held during 2<sup>nd</sup> March, 2023 at PG & Research Department of Zoology, Jamal Mohamed College, (Autonomous) Tiruchirappalli, 620 020.
- ✓ International conference on “**Challenges to Environment and Health**” held during 30<sup>th</sup> January, 2020 at PG & Research Department of Zoology, Jamal Mohamed College, (Autonomous) Tiruchirappalli, 620 020.
- ✓ International conference on “**Transdisciplinary & Innovative Research in Science**” held during 26<sup>th</sup> to 28<sup>th</sup> February 2020 at science Department, Thiruvalluvar University, Vellore, 632 115.
- ✓ International conference cum webinar on “**Recent Innovations in Biosciences**” held during 7<sup>th</sup> February 2018 at PG and Research Department of Zoology, Holy Cross College, (Autonomous), Tiruchirappalli.
- ✓ International conference on “**FRONTIERS IN LIFE SCIENCE**” held during 7<sup>th</sup> and 8<sup>th</sup> January 2016 at Department of Botany, ST Joseph College, Tiruchirappalli.
- ✓ International conference on “**CONSERVATION OF BIODIVERSITY**” held during **16<sup>th</sup> September 2016** at Research Department of Zoology, Seethalakshmi Ramaswami College (Autonomous), Tiruchirappalli.
- ✓ International conference on “**CONSERVATION OF NATURAL RESOURCES**” held during **17<sup>th</sup> September 2016** at PG Research Department of Zoology Nehru Memorial College Autonomous. Puthanampatti-621 007, Trichy District, Tamilnadu, India
- ✓ International workshop on “**Biochemical & Bioinformatics Techniques**” held during 5<sup>th</sup> September 2017 at Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirappalli, 02.
- ✓ National seminar on “**Molecular Basis of Cancer and Prevention**” held during 18<sup>th</sup> and 9<sup>th</sup> February 2020 at department of life science, Prist University, Thanjavur, 613 403.
- ✓ Science Academies’ **Lecture Workshop on Trends in Reproductive for Sustainable Development**” held during 21<sup>st</sup> to 22<sup>nd</sup> June 2018 at Research Department of Zoology, Seethalakshmi Ramaswami College (Autonomous), Tiruchirappalli.
- ✓ National Seminar on “**SERICULTURE FOR LIVELIHOOD**” held during **24<sup>th</sup> March**

**2017** at Research Department of Zoology, Seethalakshmi Ramaswami College (Autonomous), Tiruchirappalli.

- ✓ National workshop on “**THRUST AREAS IN BIOLOGICAL SCIENCES**” held during **9<sup>th</sup> & 10<sup>th</sup> February 2017** at Research Department of Zoology, Seethalakshmi Ramaswami College (Autonomous), Tiruchirappalli.
- ✓ Hands on training on “**Computational Genomics**” held during 4<sup>th</sup> & 5<sup>th</sup> September 2017 at Research Department of Zoology, Seethalakshmi Ramaswami College (Autonomous), Tiruchirappalli.
- ✓ National seminar on “**Emerging Trends in Control of Vectors and Vector Borne Diseases**” held during 29<sup>th</sup> and 30<sup>th</sup> September, 2016 at PG Research Department of Zoology Nehru Memorial College Autonomous. Puthanampatti-621 007, Trichy District, Tamilnadu, India.
- ✓ Hands on training on “**BEE KEEPING**” held during **9<sup>th</sup> March, 2016** at Research Department of Zoology, Seethalakshmi Ramaswami College (Autonomous), Tiruchirappalli.
- ✓ National Seminar on “**CURRENT TRENDS IN ZOOLOGY**” held on **23<sup>rd</sup> January 2015** at PG & Research Department of Zoology, Thiru Kolanjiappar Government Arts College Virddhachalam, Tamil Nadu, India.
- ✓ National Seminar on “**RECENT CHALLENGES IN ZOOLOGY**” held on **8<sup>th</sup> September 2015** at P.G. Department of Zoology, Arulmigu Palaniandavar Arts College for Women, palani.
- ✓ National seminar on “**WRITING SCIENCE**” – one day Scientific/ Technical Writings- held at the Department of Industrial Biotechnology, Bharathidasan University, Tiruchirappalli on **January 22<sup>nd</sup> 2014**.
- ✓ Training Programme on “**BIODIVERSITY OF MARINE PLANKTON**” sponsored by **Ministry of Human Resource Development, New Delhi** held at centre of Advanced Study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai, India, During March **6<sup>th</sup> & 7<sup>th</sup> 2014**.
- ✓ National Workshop on “**STATISTICAL PACKAGES AND THEIR APPLICATION IN LIFE SCIENCES**” held during **7<sup>th</sup> & 8<sup>th</sup>**, August 2014 at P.G. & Research Department of Zoology, Rajah Serfoji Govt. College (Autonomous), Thanjavur-613005, Tamil Nadu.
- ✓ Short term course on “**DATA ANALYSIS USING SOFTWARE**” held during **18<sup>th</sup> to**

**23<sup>rd</sup> August 2014** at university Grants Commission Academic Staff College Madurai Kamaraj University.

- ✓ National Seminar on “**RECENT TRENDS IN BIOLOGICAL SCIENCES**” held on **7<sup>th</sup> & 8<sup>th</sup> March 2013** at PG Research Department of Zoology Nehru Memorial College Autonomous. Puthanampatti-621 007, Trichy District, Tamilnadu, India
- ✓ National Seminar on “**GLOBAL ENVIRONMENTAL ISSUES AND REMEDIATION TECHNOLOGIES**” held on **3<sup>rd</sup> February 2012** at Department of Environmental Science, Periyar University, Salem -636 011.
- ✓ National Workshop on “**CAREER GUIDANCE AND COUNCELLING**” held during **23<sup>rd</sup> & 24<sup>th</sup> October 2010**, at Department of Nehru Memorial College Puthanampatti-621 007.

#### **Participated-National and International online webinar**

<b>S.No</b>	<b>Participated</b>	<b>National</b>	<b>International</b>
1	Webinar	98	38
2	Workshop	4	1
3	FDP	9	1
4	Quiz	41	7
	<b>Total</b>	<b>152</b>	<b>47</b>

#### **Declaration:**

I hereby declare that the abovementioned information is correct upto my knowledge, and I take the responsibility for the correctness of the abovementioned particulars.

Place: Tiruchirappalli

Date: 07.04.2023

SIGNATURE

(R. RANJANI)