

PROFILE



Dr. S. MARIAPPAN

ASSISTANT PROFESSOR

PG & RESEARCH DEPT OF ZOOLOGY

YADAVA COLLEGE, MADURAI-14

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EDUCATION:

- ❖ **Ph.D (2016):** Bharathidasan University, Tiruchirappalli.
- ❖ **M.Phil (2011):** Manonmaniam Sundaranar University, Tirunelveli.
- ❖ **M.Sc (2010):** Alagappa University, Karaikudi.
- ❖ **B.Sc (2008):** Manonmaniam Sundaranar University (Affiliated College), Tirunelveli.

Specialization in Teaching: Classical Zoology, Genetics & Evolution, Embryology, Biochemistry, Molecular biology, Immunology & Microbiology, Animal Physiology, Biotechnology, r-DNA Technology.

Specialization in Research: Behavioral Neurobiology and Microbial Phytology & Toxicology.

DIPLOMA COURSES/ TRAINING

- Medical Laboratory Technician Course (MLT)
- PGDCA
- NCC (B & C certificate with A grade)

ADMINISTRATIVE / ACADEMIC POSITIONS

Positions held / Currently holding	Year–From (Month / Year)
Assistant Professor, PG & Research Department of Zoology, Yadava College, Madurai	22 nd August 2017 to Till Date

MEMBERSHIP OF PROFESSIONAL BODY

- Discipline Committee member in 2018 -2020
- NSS Programme Officer in 2023-25
- Sports Club member in 2023- Till Date
- Science Club Co-ordinator in 2025- Till Date
- BDU Blood Donor member in 2014-Till Date, Bharathidasan University, Tiruchirappalli.

PROJECT

- The project was successfully completed on **TNSCST-SPS 2025**, Project title on Degradation of polyethylene bags isolated from agriculture field using novel microorganisms.

PUBLICATIONS

National	International
1	5

- ❖ Subramanian Thangaleela, Bhagavathi Sundaram Sivamaruthi, Periyannaina Kesika, **Subramanian Mariappan**, Subramanian Rashmi, Thiwanaya Choeisoongnern, Phakharawat Siirapaporn and Chaiyavat Chaiyasut Neurological Insights into Sleep Disorders in Parkinson's Disease (2023) *Brain Sci.* **13**, 1202. doi.org 10.3390/ 13081202. (I.F- 2.8)
- ❖ AlaguLakshmi Alagarsamy, Pandiarajan Jeyaprakash, **Mariappan Subramanian**, Prithivikumaran Natarajan, Jeyakumaran Natarajan. Antibacterial activity of Fe-doped Cd₂ SnO₄ nanoparticles against staphylococcus aureus and salmonella typhiInt (2023) *J. Nano Dimens.* **14** (2): 126-137. (I.F- 2.7)
- ❖ Thangaiyan Suganya, Issac Abraham Sybiya Vasantha Packiavathy, G. Smilin Bell Aseervatham , Areanna Carmona, Vijayaragavan Rashmi, **Subramanian Mariappan**, Navaneethan Renuga Devi and Devanesan Arul Ananth. Tackling Multiple-Drug-Resistant Bacteria With Conventional and Complex Phytochemicals (2022) *Front. Cell. Infect. Microbiol* **12**:883839. (I.F- 4.8)
- ❖ S. **Mariappan**, B. Wieslaw, H. Raghuram, G. Marimuthu and K. Emmanuvel Rajan. Structure of distress call: implication for specificity and activation of dopaminergic system (2016) *J Com Physiol A* **202**(1):55-65. (I.F- 1.9)
- ❖ S. **Mariappan**, B. Wieslaw, G. Marimuthu and K. Emmanuvel Rajan. Distress calls of the greater short-nosed fruit bat *Cynopterus sphinx* activate hypothalamic-pituitary-adrenal (HPA) axis in conspecifics (2013) *J Com Physiol A* **199**(9):775-783. (I.F- 1.9)
- ❖ S. **Mariappan**, S. Nagoor Meeran Mydeen, S. Johnson Retnaraj Samuel, J. Jegathambigai, K. Emmanuvel Rajan and S. Sudhakar. Bacillus sp. causing abscessation in sheep and goat population. (2012) *Current Science* **103** (8): 921-925. (I.F- 1.1)

CITATION INDICES (GOOGLE SCHOLAR)

Citation indices	All	Since 2020
Citations	492	190
h-index	8	6
i10-index	6	4

ACADEMIC RECOGNITION:

- ❖ A Life time member in Tamil Nadu Science Forum (TNSF) -2026
- ❖ IGNOU Academic Counselor in the Year of – 2024.
- ❖ External Examiner– Department of Animal Science, Bharathidasan University, Tiruchirappalli.
- ❖ External Examiner – Department of Zoology, Mother Teresa University, Kodaikanal.
- ❖ External Examiner – Department of Zoology, Pondicherry University, Puducherry.
- ❖ External Examiner – Department of Life Science, Sri Sathya Sai University, Bangalore.
- ❖ External Examiner – Department of Microbiology, Periyar University, Salem.
- ❖ External Examiner – Department of Zoology, Alagappa University, Karaikudi.
- ❖ External Examiner – Department of Biological Science, Madurai Kamarajar University, Madurai.
- ❖ External Examiner – Department of Microbiology (DDE), Madurai Kamarajar University, Madurai.
- ❖ External Examiner- Department of Zoology & Biotechnology, The Madura College, Madurai.
- ❖ External Examiner- Department of Zoology & Microbiology, Thiagarajar College, Madurai.
- ❖ External Examiner- Department of Microbiology & Biotechnology, The American College, Madurai.
- ❖ External Examiner- Department of Zoology & Microbiology, S.V.N College, Madurai.
- ❖ External Examiner- Department of Zoology EMG Yadava Women's College, Madurai.

INTERNATIONAL CONFERENCE PRESENTATIONS

1. Presented International Brain Research Organization **ASIA/PACIFIC REGIONAL COMMITTEE (APRC)**. Workshop on “**Techniques in Molecular Neuroscience**” Held on 01.03.2022 to 05.03.2022. Conducted by Sathyabama Institute of Science and Technology Chennai.

NATIONAL CONFERENCE PRESENTATIONS

1. **Dr. S. Mariappan**. *Bacillus sp.* causing abscessation in sheep and goat population. Conducted by ICMR and DST-SERB sponsored M.G.R college, Hosur, 31st January and 1st February 2018
2. **S. Mariappan**, B. Wieslaw, H. Raghuram, G. Marimuthu, and K. Emmanuvel Rajan. Structure of distress call: implication for specificity and activation of dopaminergic system conducted by School of Biological sciences, Madurai Kamaraj University, 27th and 28th Feb, 2014.
3. **S. Mariappan**, B. Wieslaw, G. Marimuthu and K. Emmanuvel Rajan. Distress calls of the greater short-nosed fruit bat *Cynopterus sphinx* activate hypothalamic-pituitary-adrenal (HPA) axis in conspecifics conducted by School of Biological sciences, Madurai Kamaraj University, 28th Feb, 2013.
4. **S. Mariappan**, R. Kalaivani and A. Arun Vickram. Effect of nutritional and environmental factors for the production of cellulose. Conducted by C.N. College, Erode, 22nd and 23rd January 2010.

CONFERENCE/ SEMINAR PARTICIPATION

1. Participated in Viksit Bharat organize Quiz for Young Leaders Dialogue (VBYLD -2027) on August 30th 2026, on conducted by Ministry of Youth and Affairs & Sports.
2. Participated in Viksit Bharat organize pledge for drug-free India on July 27th 2026, on conducted by Ministry of Youth and Affairs & Sports.
3. Participated in IYD Conference on June 20th 2026, on conducted by Ministry of Youth and Affairs & Sports.
4. Participated in IYD Conference on April 18th 2026, on conducted by Ministry of Youth and Affairs & Sports.

5. Participated in IYD Conference on March 23rd 2026, on conducted by Ministry of Youth and Affairs & Spots.
6. Participated in IYD Conference on January 18th 2026, on conducted by Ministry of Youth and Affairs & Spots.
7. Participated in world wildlife day on March 3rd 2024, conducted by Project Nilgiri Tahr Coimbatore & Government of Tamilnadu.
8. Participated in National webinar on NAAC Reaccreditation process during post COVID SCENARIO on 10.11.2020 conducted by IQAC, Yadava College Madurai.
9. Participated in National level Novel COVID 19 Awarness Quiz on 16.04.2020, conducted by St. Peter's Institute if higher education and research avadi, Chennai.
10. Participated in National seminar on Innovations, Implemtations and Controversies of Animal Biotechnology (NC11CAB-2014). held on 20th -21st March 2014 conducted by Department of Animal Science, Bharathidasan University.
11. Participated in National seminar on Industrial aspects of antibody production, held on 23 -24th February, 2011, organized by Department of Biotechnology M.S. University.
12. Participated in National seminar on Recent and advances in Molecular Biology techniques, held on 12th September 2011. Conducted by Microbial Biotechnology laboratory, Department of Marine Biotechnology, Bharathidasan University.
13. Participated in conference on Third concept and its Practice in Academia and Research, held on 2nd October, 2011, organized by Mahatma Gandhi-Doerenkamp Center (MGDC) for Alternatives to Use of Animals in Life Science Education, Bharathidasan University.
14. Participated in Frontier areas of biotechnology conducted by Department of Biotechnology, Microbiology, Bioinformatics and Biochemistry, Meenaakshi Ramasamy Arts & Science College Thathanur, on 16th SEP 2009.
15. Participated in ADZOOXCOM– 2008, conducted by Department of Advanced Zoology and Biotechnology, St.Xavier's College, Playamkottai on 1st March 2008.
16. Participated in National conference on Facets of Biotechnology, held on 19th Jaunary, 2006, organized by Sri Parasakthi College for women Courtallam.

CONFERENCE / WORKSHOP ORGANISED

1. Nation seminar on Emerging trends in Biological Sciences- 2026 Organized by Post graduate and Research Department of Zoology held on 08.01.2026.
2. National Level Intercollegiate Students Meet on “MAN-ANIMAL CONFLICT-2025” Organized by Post graduate and Research Department of Zoology held on 06.03.2025.
3. A National level two days Workshop on “DATA ANALYSIS USING SPSS-2024” Organized by Post graduate and Research Department of Zoology held on 13 & 14 Feb. 2024.
4. State Level Intercollegiate Students Meet on “MAN-ANIMAL CONFLICT-2019” Organized by Post graduate and Research Department of Zoology held on 18.02.2019
5. State Level Intercollegiate Students Meet on “MAN-ANIMAL CONFLICT-2018” Organized by Post graduate and Research Department of Zoology held on 22.02.2018.
6. National Seminar-cum-Workshop on Molecular Tools for Gene Expression Analysis held on 19th – 21st January, 2016. Organised by Behavioural Neuroscience Laboratory, Department of Animal Science, Bharathidasan University.

LECTURES DELIVERED/ INVITED AS RESOURCE PERSON

S. No	Name of the Institution	Resource	Title	Date
1.	All India Radio (FM 103.3) Madurai.	Special Talk	Environmental Formula & The Greatness of the Soil.	28.08.2026
2.	Department Seminar, PG & Research Dept. Of Zoology, Yadava	Special Talk	What are the Career opportunities in Zoology field.	23.07.2026

	College, Madurai.			
3.	Zoology Association Inaugural Function, Dept. Of Zoology, Aditanar College, Tiruchendur.	Resource person and Deliver a Lecture	Curiosity to career: Orientation in Biological Sciences.	22.07.2026
4.	National Children's Science Congress (NCSC) Guide Teacher Training programme in CEO office Madurai.	Resource person and Deliver a Lecture	Renewable Energy Sources: Bio-Energy	17.07.2026
5.	TNSF (Tamilnadu Science Forum) State Level Conference in Udumalaipettai. YFS (Youth For Science)	Special Talk	Science Innovation	11.07.2026- 12.07.2026
6.	TNSF(Tamilnadu Science Forum)	Judge	Future Scientist	15.02.2026
7.	PUDHUGAI F.M 91.2 MHz	Special Talk	Let's Avoid Pesticides, Let's Protect Living Beings.	23.03.2025
8.	NCC Annual training Camp at NTA Idayapatty	Guest Lecture	Career guidance	02.11.2023
9.	Arulmigu Pannirupidi	Guest Lecture	Cloning Technique	16.08.2022

	Ayyan Arts and Science, College, Tirunelveli.			
10.	Appollo Arts and Science College North Chennai	Guest Lecture	Caseous Lymphadenitis of Sheep and Goat flocks	28.01.2022
11.	Sri Ramakrishna College Of Arts and Science, Coimbatore.	Resource person and Deliver a Lecture	Bacterial Abscessation	19.03.2021

FACULTY DEVELOPMENT PROGRAMS

S. No	Title of the FDP	Organized by	National/ International	Date
1.	AI Tools for Academic Excellence and Research Innovation	Department of Chemistry, VELS Institute of Science and Technology and Advanced Studies (VISTAS)- Chennai.	National	30.07.2026-04.08.2026
2.	AI-Enabled Teaching Strategies: Transforming Pedagogy in Higher Education.	Department of Visual Communication S.A College Arts & Science. Chennai	National	18.05.2026-23.05.2026
3.	Interdisciplinary Application of Science and	Department of Biochemistry RVS	National	09.02.2026-18.02.2026

	Artificial Intelligence for Sustainable Development.	College Arts & Science. Coimbatore		
4.	Recent Trends of Various security Tools in CYBER Security	Department of Computer Science St. Joseph's College, Chennai	National	06.10.2025- 10.10.2025
5.	Sustainability in Research and Innovation: Challenges and Opportunities	IQAC & IIC St. Joseph's College, Chennai	National	15.09.2025- 19.09.2025
6.	Transforming Teaching for Tomorrow	IQAC Of S.V.N College Madurai	National	07.07.2025- 11.07.2025

PROJECTS GUIDED FOR PG STUDENTS

S. No	Name of the Student and Reg. No	Title of the Project	Department	Month and Year
1.	S. Priyanka (22423008)	Screening and identification of low density polyethylene degrading bacteria isolated from agriculture soil	Zoology	2026
2.	Swathi. R (22423009)	Identification of agri soil bacteria and analyzing its ability of degrading plastics	Zoology	2026
3.	Meenambikai.P	Bacterial species causing	Zoology	2025

	(22323004)	abscessation in Goat population		
4.	Kaliraj. M (22323012)	Phytochemical screening of crude extracts on <i>Pisonia alba</i> against human pathogen	Zoology	2025
5.	Subasri. B (22223012)	Efficacy of aqueous and ethanolic extracts of <i>Datura metal</i> against pathogenic bacterial strains and earthworms	Zoology	2024
6.	Dhivya. S (22223017)	<i>Invitro</i> evalution of <i>Datura metal</i> extracts for antimicrobial and antihelminthus activity	Zoology	2024
7.	Gokila. R (22123008)	Antimicrobial activity of selected medicinal plant against human pathogen.	Zoology	2023
8.	Umamaheswaari. T (21923002)	Antimicrobial activity against herbal plants.	Zoology	2021
9.	Dineshkumar.S (21823008)	Phytochemical screening of plant extracts on <i>Datura metal</i> against human pathogen.	Zoology	2020
10.	Thatchayani priya. A (21723008)	Isolation, characterization and antibacterial activity of alkaloid from <i>Cassia fistula</i> leaves.	Zoology	2019
11.	Aarthi. K (21723001)	Screening of the plants for their potential antibacterial activity against <i>E.coli</i> , <i>Salmonella typhi</i> , <i>Klebsilla pneumonia</i> .	Zoology	2019

