

PROFILE OF THE FACULTY



- 1. Name of the Faculty Member** : Dr. T. RAVIMANICKAM
- 2. Designation along with School** : Associate Professor of Zoology
- 3. Subject Specialization** : Cytogenetics and Aquatic Biology
- 4. Contact Number and email address:** 09786506522
- 5. Educational Qualification**

S.No.	Examination Passed	Name of the Board/ University	Subject
1.	Ph.D	Bharathidasan University	Biotechnology
2.	M.Phil.	Bharathidasan University	Zoology
3.	M.Sc	Bharathidasan University	Zoology
4.	B.Sc	Bharathidasan University	Zoology
5.	H.Sc	TN State Board	Science
6.	SSLC	TN State Board	-

6. Prizes, Awards & Fellowships Received

S.No.	Name	Institution	Purpose of Award	Year
1.	Har Gobind Khorana Young Scientist Award	TNSRO	Research	2013

7. Teaching Experience : 22 Years

8. Professional and Administrative Experiences

S.No	Name of Employer	Designation	Period of Employment	
			From	To
1	Tamil Nadu Open University	Faculty Chairperson/ Director i/c	18.01.2020	Till Date
2	Tamil Nadu Open University	TNOU Transport Management officer	18.03.2016	05.02.2018
3	Tamil Nadu Open University	Assisting OSD	06.02.2018	02.12.2018

Teaching Interest: Cell Biology, Genetics, Immunology and Aquaculture

Research Interest: Cytogenetics and Aquatic Biology

Research Supervision:

(a) **Ph.D. Guided: 01**

Ph.D. Guiding: 05

(b) **M.Phil. Guided : 24**

Books, Articles and Research Publications

a) **Latest Publication**

S. No.	Title of the Paper	Journal Name	Month & Year	ISSN No.& Vol. (Issue), Pages	Impact Factor/ H index/ i10
1	Radiation ecology of Palk strait	Indian Journal of Radiation protection and Environment	2003	Radiation Protection and Environment, Vol.26, No. 1-2, 2003	0.13
2	A Study on the distribution of Natural radionuclide polonium – 210 in the ecosystem of Mandapam	Research Journal of Biological Science	2009	pp. 228-235	-
3	The Study on the partial structural characterization of Biofouling antagonistic compounds from the selected macroalgae (<i>Ulva lactuca</i>)	Indian J. Of Nature Sciences	2012	0976-0997	4.58

4	The studies on the environmental stress in Traffic police population Tiruchirappalli, Tamil Nadu, India	Indian J. Of Nature Sciences	2012	0976-0997	4.58
5	Pathogenic bacteria isolated from Tiger prawn <i>Penaeus monodon</i> in shrimp culture ponds at east coast of Thanjavur District Tamil nadu India	Int. journal of research in Biological sciences	2013	2249-9687	10.75
6	A Study on the Micronuclei induction in Traffic police population in Tiruchirappalli, Tamil Nadu India	Int. J. of pure and applied zoology	2013	2320-9577	0.76
7	Studies on the Diversity of Phytoplankton in Cauvery River, Thanjavur District, Tamil Nadu, India	Int. J. Curr. Microbiol. App. Sci.	2014	2319-7706	02.26
8	Elucidation of Baseline Single Stranded DNA Breaks in Smokers Tiruchirappalli – India	Elucidation of Baseline Single Stranded DNA Breaks in Smokers Tiruchirappalli – India	2014	0976-8610	7.32
9	Biochemical characteristics of Biochemical ink in <i>Sepia officinalis</i> and dyeing efficiency in textile industry	Biochemical characteristics of Biochemical ink in <i>Sepia officinalis</i> and dyeing efficiency in textile industry	2014	IJEBS:Vol (2): 2014	4.87
10	Evaluation of antitumor properties of <i>Annona reticulate</i> (L) seed on cancer cell lines	Evaluation of antitumor properties of <i>Annona reticulate</i> (L) seed on cancer cell lines	2018	2319-5622	8.1
11	Diabetes and sperm DNA damage: Efficacy of antioxidants	SN Comprehensive Clinical Medicine (Springer)	2019	2523-8973	2.6
12	Biosurfactants and anti-inflammatory activity: A potential new approach towards COVID-19	International Journal of Current Opinion in Environmental Science & Health (Elsevier)	2020	2468-5844	8.40
13	The Coronavirus Pandemic and The Future: Clinical presentation, pathophysiology and histopathology	Royal Society of Chemistry	2021	-	4.0

14	The Study on Different Ovulation Induction Protocols used for Intrauterine Insemination and their Pregnancy Rate in Infertile Couples	International Journal of Current Microbiology and applied sciences.	2021	2319-7706	2.29
15	Occurrence of Chromosomal Aberrations in the Traffic Police Population in Tiruchirappalli	International Journal of Human Genetics	2023	2456-6330	-

b) Paper Presented in Conference/Seminar Proceedings : 30

c) Book Authored – Published : 45

National/International/ Seminars/ Symposia/ Conferences/ Workshop Attended: 50

Conferences/Seminars/Symposia/Workshop organized (Regional, National, International)

S.No.	Name of the Event	Place and Date	Role
1	Integrated Approach in Science and Technology for a Sustainable Future	Tamil Nadu Open University 28.02.2022 and 01.03.2022	Convenor
2	National webinar on Advances in Applied Sciences	Tamil Nadu Open University 26.02.2021 to 27.02.2021	Convenor
3	Online Quiz Programme in National Pollution Control Day	Tamil Nadu Open University 02.12.2021	Organizing Secretary
4	Research – Tips & Tricks in Grandmanship and other related Academic Matters	Tamil Nadu Open University 7 th March 2018	Member

5	Seminar on National Education Policy (Draft Nep-2019) With Special Reference to Policies On Open And Distance Learning (ODL)	Tamil Nadu Open University 29 th July, 2019	Organizing Secretary
6	Science and Technology for Specially Abled Persons	Tamil Nadu Open University 28.02.2017	Organizing Secretary
7	Current, Past and Future Scenario in Applied Sciences	Tamil Nadu Open University 29 th July, 2016	Member

Invited Lectures: 15

Membership of Professional/Statutory/Scientific Body

Sl.No	Professional Body	Type of Membership	Period	
			From	To
1	Tamilnadu Sceince Research Organization (TNSRO)	Life Time	2013	-