

DR. T.V. POONGUZHALI

Professional Details:

Present Designation: Associate Professor

Department: Plant Biology and Plant Biotechnology

Official Address: Queen Mary's College
(Autonomous), Mylapore, Chennai-600004

Official E-mail: typqmc@queenmaryscollege.edu.in

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Personal Details:

Date of Birth: 03.01.1968

Residential Address: No.2, M.P.C. Street, New Perungalathur, Chennai – 600063.

Mobile Number: +91 98413 80698

Personal E-mail ID: pooqmc@gmail.com

Career Objectives:

“To contribute to academic growth through innovative teaching methodologies, meaningful research, and active participation in institutional development, while nurturing a dynamic and inclusive learning environment”.

Education:

Year	Degree	Institution, University with Specialization, Class, Rank
1997	Ph.D.	University of Madras, Commended
1991	M.Phil	University of Madras, First Class
1990	M.Sc	University of Madras, First Class
1988	B.Sc	University of Madras, First Class
1985	Higher Secondary	Tamil Nadu State Board, First Class
1983	High School	CBSE, First Class

COURSES AND CERTIFICATES:

Course	Dates	Details of where the course was done
CSIR-NET	1990	-
TNSET	1990	-
UGC Orientation Course	18.01.2002 - 14.02.2002	University of Madras
UGC Refresher Course (Life Science)	09.02.2005 - 01.03.2005	University of Madras
UGC Refresher Course (Environmental Studies)	10.09.2008 - 30.09.2008	University of Madras
DBT Short Term Training Programme	22.09.2010 - 10.10.2010	Vels University

Professional Experience:

Teaching Experience: UG: 25 Years, PG: 26 Years (Ph.D-16 yrs, M.Phil- 21 yrs)

From – To	Designation	Institution / University / Responsibilities
2002 - Present	Associate Professor	Queen Mary's College, Chennai
2000 - 2002	Lecturer	Bharathi Women's College, Chennai
1999 - 2000	Lecturer	Ethiraj College for Women, Chennai

BOOKS AUTHORED / BOOKS PUBLISHED / PATENTS RECEIVED:

Title	Year	Publisher
An Outline of Allied Botany Practicals Vol. I	2023	Royal Book Publishing
An Outline of Allied Botany Practicals Vol. II	2023	Royal Book Publishing
Hepatoprotective Potentials of Herbal Plants against NASH Disease	2018	Digital Age Publications

PATENTS:

Patent Number	Topic	Status
201741003310	Novel Culture Medium for In-vitro Micropropagation of Eupatorium triplinerve	Approved
201741003311	Supplemental Feed Formulation for Aquatic Creatures	Approved
201941000873	A Novel Skin Care Composition for Anti-aging and Skin Whitening	Approved
201941000874	A Novel Hair Growth Composition	Approved
201941000875	A Novel Poly Algal Hair Dye Formulation	In Process

AWARDS AND SPECIAL ACHIEVEMENTS:

- Gold Medal in B.Sc. Botany (1988)
- Incredible Academician of India Award (2021)
- Renowned Teacher Award (2023) - Lions Club of Chennai South Stars

Key Skills & Other Responsibilities:

- **Research Coordinator** (2020- Till Date), Research Club, Botany Department, QMC
- Subject Expert for TRB Recruitment, TNPSC **Question Paper Setter**
- **Academic audit/Board Member** for Bharathi womens college; Ethiraj College, SIET, Vivekananda College, SDNB Vaishnav College
- **Question Paper Setter:** A.V.V.M. Sri Pushpam College, Ethiraj College for Women (2023)
- **Viva Voce Examiner:**
 - Mohamed Sathak College of Arts and Science (2023)
 - Monishaa- PACHAYAPPA'S college (2022)
 - Amudham Radha Amal Raj- PACHAYAPPA'S college (2022)
- **Conference Chairperson:** International Conference on Bioinformatics and Biotechnology (2022)

RESEARCH EXPERIENCE & CONTRIBUTIONS:

GUIDESHIP DETAILS:

- **M.Phil Guided (D2/M.Phil/Guide/July 2004/2150 & 18/9/2004) :** Since 2004
- **Ph.D. Guide Recognition (D2/Ph.D/Guide/Recognized/2009/1405) :** Since 2009
- **Research Supervision:** Ph.D. & M.Phil students
- **Doctoral Committee Members:** Since 2009

DETAILS OF PARTICIPATION /PRESENTATION

S.No	Title of the Article Presented	Title of the Conference	Date, Venue	International / National / State
1.	One-Day National Workshop on "Hands On Training In Molecular Biology: DNA Isolation, PCR, DNA Fingerprinting And Barcoding"	Post Graduate and Research Department of Botany Queen Mary's College (Autonomous), Chennai – 600 004	27th January 2023	National

2.	Two-Day National Seminar on “ Significance of Medicinal Plants and its Impact on Educational System ”	Tamil Nadu Open University, Chennai	13th & 14th October 2023	International
3.	One-Day National Seminar on “ Impact of Research in Higher Education ”	Post Graduate and Research Department of Botany Queen Mary’s College (Autonomous), Chennai – 600 004	28th February 2023	National

PAPER PUBLICATION

S.NO	PAPER PUBLISHED	YEAR
1	Sadafunnisa S, T V.Poonguzhali , 2024. Comparative histochemical studies on two seaweeds collected from Mandapam coast in Tamil Nadu.	2024
2	V. Kavitha and T.V. Poonguzhali 2024. Antiinflammatory Activity of <i>Syzygium caryophyllatum</i> and <i>Syzygium nervosum</i> (Myrtaceae). International Journal for Multidisciplinary Research (IJFMR). 6(1): 2024	2024
3	Yogarajalakshmi P, T V.Poonguzhali , 2023. HPTLC finger print profile of methanolic extract of <i>Halymenia dilatata zanardini</i> and <i>Liagora ceranoides</i> as therapeutic agents. Paripex – Indian journal of research. 12 (9): 97 – 102.	2023
4	Yogarajalakshmi P, T V.Poonguzhali , 2023. Analysis Of Phytochemicals And Antioxidents From Red Seaweeds(<i>Halyminiya dilate</i> And <i>Liagora albicans</i>) Collected From Rameswaram, Tamil Nadu. Paripex - Indian Journal Of Research Volume - 12 Issue - 04 April - 2023 PRINT ISSN No. 2250 - 1991 DOI : 10.36106/paripex	2023
5	Yogarajalakshmi P, T V.Poonguzhali , 2023. Biochemical composition of <i>H.dilatata</i> and <i>L.ceranoides</i> from Indian coast, Tamil Nadu. International journal of innovative research in technology. 10 (7): 89 – 94.	2023

6	P. Yogarajalakshmi, Dr.T.V.Poonguzhalia .Analysis Of Phytochemicals And Antioxidents From Red Seaweeds (Halyminiya dilate And Liagora albicans) Col From Rameswaram, Tamil Nadu. December 2023 Ijirt Volume 10 Issue 7 Issn: 2349-6002 Ijirt 161942 International Journal Of Innovative Research In Technology	2023
7	T. Chitrikha Suresh, T. V. Poonguzhali , V. Anuradha, S. Bharathi, B. Ramesh and G. Suresh , Antibacterial Potential of Marine Brown Algae Turbinaria Conoides Against Bacteria Associated with Diabetic Foot Ulcer.(2023).Int. J. Life Sci. Pharma Res.13(2), L202-L210 http://dx.doi.org/10.22376/ijlpr.2023.13.2.L202	2023
8	V. Kavitha and T.V. Poonguzhali 2021. Phylogenetic analysis on different species of <i>Syzygium</i> –International Research Journal of Plant Science vol.12(1) pp. 01-03.	2021
9	Lakshmi S and T.V. Poongulazhi . 2021. Molecular Docking Works in Breast Cancer Using Natural Compounds –A Review. International Journal of Scientific Research. Vol 10(5) pp.40-41	2021
10	Kavitha V and T.V.Poonguzhali . 2021. Phytochemical Screening of <i>Syzygium caryophyllatum</i> and <i>Syzygium nervosum</i> (Myrtaceae). Vol 8(3).pp 1078-1095	2021
11	Chitrikha Suresh. T, T. V. Poonguzhali , V.Anuradha, B.Ramesh , G.Suresh. 2021. Aqueous Extract of <i>Turbinaria conoides</i> (J.Agardh) Kützing Mediated Fabrication of Silver Nanoparticles used against Bacteria Associated with Diabetic Foot Ulcer. <i>Materials today: Proceedings</i> , Volume 43 (5). pp 3038-3043	2021
12	T. V. Poonguzhali , Toxicological screening of marine red algae <i>Champia parvula</i> (C. Agardh) against the dengue mosquito vector <i>Aedes aegypti</i> (Linn.) and its non-toxicity against three beneficial aquatic predators	2020
13	A. Sangeetha and T.V. Poonguzhali 2020. Studies on the Phytochemical analysis and Antioxidant activity of <i>Padina Boryana</i> Thivy. International Journal of Research, Vol 9, Issue 12, December 2020.	2020

14	Parthiban Yogarajalakshmi, Thinnaur Venugopal Poonguzhali , Raja Ganesan, Sengodan Karthi, Sengottayan Senthil-Nathan, Patchari Krutmuang, Narayanaswamy Radhakrishnan, Faruq Mohammad, Tae-Jin Kim, Prabhakaran Vasantha-Srinivasan 2020. Toxicology screening of marine red algae <i>Champia parvula</i> (C. Agardh) against the dengue mosquito vector <i>Aedes aegypti</i> (Linn) and its non-toxicity against three beneficial aquatic predators. Aquatic toxicology. 105474.	2020
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Dr. T.V. POONGUZHALI

Signature of the Faculty

Dr. T.V. POONGUZHALI
ASSOCIATE PROFESSOR & Ph.D. Guide
DEPARTMENT OF BOTANY,
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Signature of the Head of the Department