

FACULTY DATABASE

Name: Dr M Geethanjali

Designation: Assistant Professor

Department: Pharmacognosy

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Affiliation: Dr MGR Educational and Research Institute, deemed to be University, Maduravoyal, Chennai – 600095, Tamil Nadu.



EDUCATION

Sl.No.	Course	Department	Affiliation
1	Ph.D	Pharmacognosy	SunRise University, Alwar (Rajasthan)
2	M.Pharm	Pharmacognosy	The Tamil Nadu Dr. MGR Medical University, Guindy, Chennai-32
3	B.Pharm	Pharmacy	The Tamil Nadu Dr. MGR Medical University, Guindy, Chennai-32

OTHER DETAILS

Courses:

TRAINING: Theoretical and practical industrial orientation training for quality management on Good laboratory practice, Basics of QC of pharmaceutical instruments, wet labs, microbiological assays, instrumental assays, SOPs, sample processing etc.- given by Pharma knowledge and training institute sponsored by The Tamil Nadu Pharmaceutical Welfare Trust, Chennai May-June 2014.

Research Interest:

Publications

Granted patent for an invention titled METHOD OF PREPARATION OF NANOENCAPSULATED ESSENTIAL OIL RUTA GRAVEOLENS in accordance with the provisions of the Patents Act, 1970.

Published

1. Balasubramanian*, Gazala Parveen, Periyannayagam.K, Ramasamy N, **Geethanjali. M**, Essential oil of *Citrus limetta* Risso.(Rutaceae) leaf inhibited prednisolone induced

osteoporosis in zebra fish larvae model, International Journal of Chemical and Pharmaceutical Sciences, Vol.12(1), 2021, Mar.

2. Balasubramanian*, Gazala Parveen, Periyanyagam.K, Ramasamy N, **Geethanjali. M**, The Potential Acetylcholine Esterase Inhibitory Activity (*In Vitro*) (AChE) of *Citrus limetta* Risso. Leaf Essential oil Targeting Alzheimer's Disease Treatment, International Journal of Chemical and Pharmaceutical Sciences, Vol.12(1), 2021, Mar.

3. **Geethanjali M***, Gazala Parveen, Periyanyagam K and Sugithra B, Valuable assessment of the Foliar Micromorphology and phytochemical physicochemical profile of *Myristica fragrans* Houtt. (Myristicaceae), International Journal of Chemical and Pharmaceutical Sciences, Vol. 11 (4), 2020, Dec.

4. **Geethanjali M***, Gazala Parveen, Periyanyagam K and Ramasamy, Lipid lowering effect of the nanoencapsulated essential oil of the leaves of *Myristica fragrans* Houtt.- In hyperlipidemia without cardio vascular complications, International Journal of Chemical and Pharmaceutical Sciences, Vol. 11 (4), 2020, Dec.

5. Gowri, R, Narayanan N, Maheswaran, A, Lavanya, Y, **Geethanjali** "Perilous effect of SALA drugs –root cause assessment and intimidation" W J PR ,2014, 3(1)

Working Papers/PROJECTS

1 Patent filed with application number TEMP/E-1/49644/2021-CHE entitled *Ruta graveolens* L. Essential oil Nanocapsule and process thereof.

ACADEMIC/ INDUSTRY EXPERIENCE

S.No.	Name of the Institution/Industry	From	To	Years of Experience
1	Assistant Professor, Sree Sastha Pharmacy College, Chembarabakkam, Chennai.	Feb 2020	Oct 2020	08 Months
2	Lecturer, Madras College of Pharmacy, Avadi, Chennai.	Sep 2014	May 2015	08 Months

OTHER PROFESSIONAL EXPERIENCES

S.No.	Name of the Organization	From	To	Years of Experience
1.	Strides Pharma Science Limited (Formerly Strides Shasun Limited)	Nov 2018	Oct 2019	11 Months
2.	Sai Mirra Innopharm Pvt. Ltd.	Oct 2017	Oct 2018	01 year

ACHIVEMENTS AND AWARDS

AWARDS

1. First prize in e poster presentation on the topic “Phytopharmacovigilance-Navigation on emerging strategies of herbal toxicity assessment” during National Pharmacovigilance Week 2021, organized by Alwar college of Pharmacy, Alwar, Rajasthan.
2. First prize in e-oral presentation on the topic “Esoteric role beyond flavoring of the nano encapsulated essential oil of (The twin spice) *Myristica fragrans* Houtt. leaves in hyperlipidemia with cardio safety” during AICTE sponsored 10th national conference on Recent trends in Industrial Pharmacognosy (RTIP 2021) organized by Department of Pharmacognosy, College of Pharmacy, MTPG&RIHS, Puducherry.
3. Third prize in e-poster presentation on the topic “Essential oil of *Citrus limetta* Risso.(Rutaceae) leaf inhibited prednisolone induced osteoporosis in zebra fish larvae model” during AICTE sponsored 10th national conference on Recent trends in Industrial Pharmacognosy(RTIP 2021) organized by Department of Pharmacognosy, College of Pharmacy, MTPG&RIHS, Puducherry.
4. Certificate of Merit – National Pharma Research e-Poster Competition
Title: “Nanoencapsulated volatile oil of the leaves of *Myristica fragrans* Houtt. Exhibits antiangiogenesis in CAM model”. Jointly organised by C.L.Baid Metha College of Pharmacy and The Indian Pharmaceutical Association (IPA) Tamilnadu state Branch.
5. First prize for M.Pharm Best Dissertation scholarship award by Tamil Nadu Pharmaceutical sciences welfare trust, Chennai.
6. Third prize - poster presentation. Title “Drug discovery approach on *Tectona grandis* Linn. leaves against apicomplexan plasmodium links its ethnopharmacological validation” National level conference on convergence of technology in Phytopharmaceuticals and its importance in trade and entrepreneurship organized by PSG college of Pharmacy Coimbatore.
7. Academic topper (third rank) during the year 2013-2014 while pursuing Bachelor of Pharmacy.

Poster presentation:

1. “*Solanum torvum* Swartz. - A plant of medicinal with nutritional value attenuates rescues damaging neurotoxicity-an ancient to modern concordance”, State Level Symposium Current trends in herbal science organized by PSG college of Pharmacy, Coimbatore, Tamil Nādu.
2. “Perilious effect of SALA drugs -Root cause assessment and intimidation” - K.K.College of Pharmacy, Chennai.

Conferences and seminars and CME actively participated:

1. National level conference on “RECENT TRENDS IN INDUSTRIAL PHARMACOGNOSY-RTIP2013”-organized by college of pharmacy, MTPG and RHIS, A Government of Puducherry Institution, Puducherry-605006.
2. National Seminar on “THE CHALLENGES IN STANDARDIZATION OF MEDICINAL PLANTS AND THEIR FORMULATIONS”- organized by Vinayaka mission’s college of pharmacy Vinayaka mission university, Salem.
3. National level conference on “CONVERGENCE OF TECHNOLOGY IN PHYTOPHARMACEUTICALS AND ITS IMPORTANCE IN TRADE AND ENTREPRENEURSHIP”-organized by PSG college of Pharmacy Coimbatore, Tamilnadu.
4. State Level Symposium “CURRENT TRENDS IN HERBALSCIENCE” - organized by PSG college of Pharmacy Coimbatore, Tamilnadu.
5. CME Programme on RENOKINETICS-2015- organized by The Tamil nadu D.R.M.G.R. Medical University and Institute of Pharmacology Madurai Medical College Madurai.
6. Seminar on “RESPONSIBLE USE OF ANTIBIOTICS SAVES LIVES” - organized by college of pharmacy, Madurai Medical college, Madurai.
7. CME Programme on PILLS AND ILLS - organized by institute of pharmacology, Madurai medical college, Madurai under the auspices of The Tamil nadu D.R.M.G.R. Medical University.