

# Ramasamy Narayanan

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## Objective

To associate with a multi-dynamic institute, providing a platform to enhance my knowledge and skills in alignment with the latest trends in teaching and research, thereby contributing to societal advancement through innovative approaches.

## Professional Qualification

- **Ph.D.**, awarded from SunRise University, Alwar, Rajasthan, India [March 2021] under the guidance of Prof (Rtd). Dr. K. Periyannayagam, MMC, Madurai, Tamilnadu.
- **Master of Pharmacy (Pharmacognosy)** Passed in First class, [83.8%] from Madurai Medical College, Madurai- affiliated with The Tamilnadu Dr. M. G. R. Medical University, Chennai, India [March 2009].
- **Bachelor of Pharmacy** Passed in First class, [71.84%] from Arulmigu Kalasalingam College of Pharmacy, Krishnankovil,- affiliated with The Tamilnadu Dr. M. G. R. Medical University, Chennai, India [October 1997].

## Academic Qualification

- **HSC** Passed in First class, [84.9%] from Thiagaraja Higher Secondary school, Srivilliputhur (Tamilnadu), India [March 1993].
- **SSLC** Passed in First class, [85.6%] from Thiagaraja Higher Secondary school, Srivilliputhur (Tamilnadu), India [April 1991].

## Strengths

- Focused: Provides full concentration to work.
- Dedicated: Commits to tasks until completion.
- Flexibility: Works effectively within group dynamics.
- Result-oriented: Strong belief in delivering tangible outcomes through hard work.

## Professional Experience

1. **Associate Professor (Department of Pharmacognosy)**  
S. A. Raja Pharmacy College, Vadakkankulam, Tamilnadu, October 2024 - Present.
2. **Associate Professor (Department of Pharmacognosy)**  
Arulmigu Kalasalingam College of Pharmacy, Krishnanakoil, Tamilnadu, March 2019 - October 2024.
3. **Research Officer (Research & Development)**  
Spirulina Production Research & Training Centre (A unit of Antenna Nutritech Foundation), Madurai. July 2012 – February 2019.

4. **Pharmacist**

GNC [General Nutrition Corporation, USA] – ARMAL, Saudi Arabia .

July 2009 – June 2012.

5. **Assistant Professor (Department of Pharmacognosy )**

Shri Ramnath Singh Institute of Pharmaceutical Sciences & Technology,

Gwalior, Mathiyapradesh, April 2009 - July 2009.

6. **Pharmacist**

Ministry of Health, Primary Health Center, Al Diraiyah, Riyadh, Saudi Arabia.

July 2000 – April 2007

7. **Medical representative**

Torrent Pharmaceuticals Limited, Ahmedabad, HQ. Coimbatore,

February 1998 – June 2000

## Roles Played

1. Training & Placement Coordinator
2. Exam cell Coordinator
3. Industrial Visit Management
4. Medicinal Garden Management

## Patents

Title	Patent Application Number	Awarded on	Name of the Inventor/s
Method of preparation of nanoencapsulated essential oil from Ruta graveolens Linn.	INBA3202103082 Dated on 28/09/2021 Utility Patent No: 504638	30/01/2024	Dr.Periyanayagam K, <b>Dr. Ramasamy N</b> , Dr. Geethanjali M, Dr. Balasubramaniam K.G, Dr. Arivukkarasu R, Dr Jeyabalan G
Portable Solar-Powered Extractor for Efficient Medicinal Plant Compound Retrieval	Design patent No: 405611-001	25/01/2024	Dr. Shakeel Ahmed Adhoni, Dr. Laxmi Kant Pandey, Dr. Anil Kumar K. M, Dr. Jamuna Bai A, Dr. Siddesha J. M, Dr. Narayan Gaonkar, Mr. Manoj Gangadhar Shinde, Dr. Balram Sahu, Dr. Runjhun Pallavi, <b>Dr. N. Ramasamy</b>

## Research Publications:

1. **N.Ramasamy**, Dr.K.Periyanayagam, B.Sugithra, Valuable Assessment of foliar Micromorphology and Phytochemical profile of Punica granatum Linn. Var.Ganesh, Asian Pacific Journal of Nursing and Health sciences, 2020; 3(2):38 -42.
2. **N.Ramasamy**, Dr.K.Periyanayagam, B.Sugithra, Pomegranate (Punicagranatum.Linn.var. Ganesh) Leaf Extracts Ameliorates Neurotoxicity In Transgenic Drosophila Expressing Human Amyloid Pathology, Asian Pacific Journal of Nursing and Health sciences, 2020; 8(4):1-7.
3. B.Sugithra, Dr.Gazala Parveen, Dr.K.Periyanayagam, **N.Ramasamy**, Study concerning the histoanatomy of the leaves of Piper nigrum Linn.(Piperaceae) –an update in distinguishing diverse lineages, 2020; 3(2):43-48
4. B.Sugithra, Dr.Gazala Parveen, Dr.K.Periyanayagam, **N.Ramasamy**, The promising Acetylcholine Esterase inhibitory activity ( Invitro) of Piper nigrum L. leaf volatile oil targeting Alzheimers disease treatment, 2020;3(4):1-6.
5. M.Geethanjali, Dr.Gazala Parveen, Dr.K.Periyanayagam, **N.Ramasamy**, The potential acetylcholine esterase inhibitory activity ( InVitro AChE) of Citrus limetta Risso.. Leaf essential oil targeting Alzheimer’s disease treatment, 2020;11(4);33-38.
6. Balasubramanian Dr.Gazala Parveen, Dr.K.Periyanayagam, **N.Ramasamy**, M.Geethanjali, The potential acetylcholine esterase inhibitory activity (InVitro)(AChE) of Citrus limetta Risso.. Leaf essential oil targeting Alzheimer’s disease treatment, 2021; 12(1):1-6.
7. Balasubramanian Dr.Gazala Parveen, Dr.K.Periyanayagam, **N.Ramasamy**, M.Geethanjali, Essential oil of Citrus limetta Risso.(Rutaceae) leaf inhibited prednisolone induced osteoporosis in zebra fish larvae model, 2021; 12(1):7-11.
8. Archana G. L, Ashwini J, Kalavati Jambigi, **Ramasamy N**, Jeya Ananthi J, Konatham Teja Kumar Reddy, Shanmukha Raju S. “ Formulation and Evaluation of Turmeric Gel for Anti-Inflammatory activity”. Neuroquantology. 2022; 20(12):1038-1047
9. Raveesha Peeriga, Pavan Kumar Balagani, Gope Edward Raju, **Ramasamy Narayanan**, Jahasultana Mohammed, Lakshmi Chakradhar Yarlagaadda. “Findings of Steroids, Coumarins and Saponins in Ipomea sagittifolia (Burn. f.). Leaf Extract by HPTLC Fingerprints ”. International Journal of Chemical and Biochemical sciences.2023;24(4):132-140.
10. Sundaramoorthy Niveadhitha, Manapure Abha S., **Ramasamy N.**, Karthika C., Gulhane Pranita B, Malode Sunanda, Chaudhari Suyog Pandharinath, Shinde Manoj Gangadhar. Evaluation of *Ocimum sanctum*'s Leaves Extract for Antibacterial Effect. *International Journal of Zoological Investigations*.2024: 10 (1):938-942.

11. Abha Verma, Uvaraja VC, Muggu Murali Krishna, Kajal, **N. Ramasamy**, Vidya Tarachandra Mohod, Manoj Gangadhar Shinde, Kumud Madan. Examining Plant-Mediated Green Synthesis of Silver Nanoparticles for Antimicrobial Activity. African Journal of Biological sciences. 2024;6(13). 5154-5163.
12. N. Ramasamy, Saroj Yadav, S. Sri Bhuvaneswari, Ashish Chimbalkar, T. Sivakumar, Anagha Amit Sarvadnya, Suprodip Mandal, Mangirish Deshpande. Antioxidant Potential and Phytochemical Screening of a Polyherbal Formulation. Frontiers in Health Informatics .2024.13 (3), 1914-1922.
13. Nitish Kumar Raghav, N. Ramasamy, Soujanya Mukherjee, Anil Kumar, Anilkumar Shinde, Munesh Mani, Sanmati Kumar Jain, Rajnandan Borah, Ekta Pandey. An In-depth review on Phytochemistry and Pharmacological significance of *Rauwolfia serpentine*. Revista electrónica de Veterinaria. 2024. 25(2). 716-726.
14. N. Ramasamy, Vineeta Meena, K. Kannan, Anup Patil, Snehal T. Hase, Jayshri Hiradas Bairagi, K. B. Naveen Kumar and Prasanth Damarasingu. Evaluation of Anticancer activity of some chemical constituent from *Wedelia* plant by using *in silico* approach. Biochem. Cell. Arch. 2024.24(1)3507-3510,
15. N. Ramasamy, SNVL Sirisha, Tanmay Ghosh, Sanmati Kumar Jain, Anil Kumar, Arkaprava Biswas, B. S. Ashok Kumar, Ekta Pandey, K. S. Bharath. Assessment of phytochemical constituents and anti-inflammatory potential of hydroalcoholic stem extract of *Moringa oleifera* in animal models. J. Exp. Zool. India. 2025.28(1), 687-691.

### Book Publications:

1. A Text book of Pharmacognosy & Phytochemistry – II (BP504T), published by Shashwat Publication, in January 2025.

### Research projects ( B. Pharm):

1. Phytochemical investigation, FTIR spectroscopic analysis, and *in vivo* antipyretic activity of petroleum ether extract of *Carica papaya* (Caricaceae)
2. Phytochemicals and *in vitro* anti-inflammatory activity of aqueous root extract of *Prosopis juliflora*.
3. Herbal tablet formulation using the fruits extract of *Mukia maderaspatna* L.
4. Phytochemicals and *in vitro* anthelmintic activity of leaf extract of *Tamarindus indica*.

### Conferences (2) / Seminars (14)/ Workshop (3)

### Results Achieved

S.No.	COURSE	ACADEMIC YEAR	SUBJECT HANDLED	RESULT %
1	D.PHARM	Apr-20	Pharmacognosy	84.09
2	D.PHARM	Apr-21	Pharmacognosy	84.78
3	B.PHARM-4 SEM	Sep-20	Pharmacognosy – I	88.2
4	B.PHARM-4 SEM	Sep-21	Pharmacognosy – I	96.3
5	B.PHARM-5 SEM	Mar-22	Pharmacognosy – II	98.11
6	B.PHARM-6 SEM	Sep-22	Herbal Drug Technology	100
7	B.PHARM-4 SEM	Mar-23	Pharmacognosy – II	96.55
8	B.PHARM-8 SEM	Sep-23	Quality Control & Standardization Herbals	100
9	B.PHARM-6 SEM	Mar-24	Herbal Drug Technology	100
10	PHARM.D	Sep-24	Pharmacognosy & PhytoPharmaceuticals	100

### Additional qualification

Post graduate Diploma in **Clinical research & Clinical data management** in University of Pune.

### Personal Profile

Date of Birth : 18.06.1976  
Father Name : Mr. K. Narayanan  
Gender : Male  
Nationality : Indian  
Marital status : Married  
Religion : Hindu  
Language known : Tamil, English, Hindi, Arabic.  
Permanent address : 99/207-A, Keelapatti Street, Srivilliputhur-626125.

### Declaration

The above mentioned information is correct and true and nothing has been concealed.

Date:

Place:

Dr. N. Ramasamy.