

## *Curriculum vitae*

### **DR P SATHIYA RAJESWARAN**

**Dr.P.Sathiya Rajeswaran, M.D(s), (Ph.D)**  
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#### **PERSONAL PROFILE:**

- Age : 44 years
- Gender : Male
- Nationality : Indian
- Marital status : Married
- Father's Name : D.Parameswaran
- Language Known : Tamil, English
- Date of Birth : 12.09.1971

#### **EDUCATIONAL QUALIFICATION:**

Degree	Subject studied	Year of completion	School/University	Marks (%) / Class
B.S.M.S.,	Siddha Medicine	1993	The Tamilnadu Dr. M.G.R Medical University Chennai, Tamilnadu	First
M.D(s)	Balavagadam (Siddha Pediatrics)	2004	The Tamilnadu Dr. M.G.R Medical University Chennai, Tamilnadu	First
M.Phil.(Siddha)	Siddha Medicine - Pharmacognosy	19997	Dept of Siddha Medicine Tamil University, Thanjavur	First
Ph.D.,	Siddha Medicine – Clinical Research	2012-2016	The Tamilnadu Dr. M.G.R Medical University Chennai, Tamilnadu	Ongoing

Post Graduate Diploma in Bio-Ethics	Bio-Ethics	2013-2014	IGNOU / ICMR	Second
Professional Diploma in Clinical Research (PDCR)	Clinical Research	2013	Catalyst Clinical Services	Awarded

**WORK EXPERIENCE: (Research/Teaching)**

Duration	Institution/Designation	Particulars of work done
2002 -2004	Sri Ramakrishna college of Yoga and naturopathy, Kulasekaram – affiliated to The Tamilnadu Dr. M.G.R. Medical university. <b>Lecturer</b>	<b>Teaching faculty</b> and carried out open clinical trial on ZIGNIDD – Diabetic powder.
2004 - 2006	ATSVS Siddha medical college, Munchirai affiliated to The Tamilnadu Dr. M.G.R. Medical university. <b>Professor and HOD</b>	<b>Teaching &amp; Research</b> as a faculty member and in charge of Out Patient and In Patient depts
2006 - 2011	<b>Research officer(Siddha)</b> <b>Central Research Institute for Siddha</b> Arumbakkam, Chennai – 600 106 (Central council for Research in Siddha, Under ,Dept of AYUSH, Ministry of Health and Family welfare, Govt of India)	Clinical research, Drug research and Literary research
2011 - 2015	<b>Research officer(Siddha), Sci – II</b> <b>Central Research Institute for Siddha</b> Arumbakkam, Chennai – 600 106. (Central council for Research in Siddha, Under ,Dept of AYUSH, Ministry of Health and Family welfare, Govt of India)	Clinical research, Drug research and Literary research
2015 – Till date	<b>Asst. Director, Sci-II &amp; SCRI I/c</b> <b>Central Research Institute for Siddha</b> Arumbakkam, Chennai – 600 106. (Central council for Research in Siddha, Under ,Dept of AYUSH, Ministry of Health and Family welfare, Govt of India)	Technical and Administrative works
<ul style="list-style-type: none"> <li>➤ Assigned to Monitor and Co-ordinate the clinical trials of SCRI in the capacity of Nodal officer</li> <li>➤ Qualified NABH Assessor for AYUSH Hospitals</li> <li>➤ Guest faculty for AYUSH Modules to MPH Scholars in National Institute of Epidemiology.</li> </ul>		

**Research specialization (Major scientific fields of interest):**

1. Clinical research
2. Drug Research
3. Training and teaching.

**Membership in Professional Societies:**

1. NABH Standards Implementation committee
2. LHT Vetting committee
3. AYUSH Portal Work force
4. Scientific committee in Workshops of SCRI
- 5. ROTP Expert in NIS**
- 6. Guest Faculty in ICMR, NIE, for AYUSH Modules.**
- 7. IEC –Member, Govt Siddha Medical College, Chennai.**
8. Member, Search and peer review of AYUSH PORTAL.

**RESEARCH GRANT IN HAND**

Name of the Awarding Body	Title of Project	Amounts Awarded	Start Date	End Date
CCRS	Treatment guidelines for Non communicable Diseases	14,020,00	1/1/2016	1/1/2017
CCRS	Vernacular name Encyclopedia	2,28,000	1/3/2016	1/3/2019
CCRS	Multicentric open labelled clinical trial in Diabetes Mellitus	15,00,000 (Single Institute)	1/3/2010	31/3/2013
CCRS	Screening of Neuraminidase inhibition activity of Poly herbal Formulations	50,000	1/3/2016	1/9/2016

**Projects Completed:**

1. Multicentric trial in Annabedhi chenduram in Iron Deficiency Anemia.
2. Open observational trials for Heavy metal toxicity in Metallic drugs.
3. Documentation of Reported episodes in Vector borne diseases and treatment modalities.
4. Clinical trial protocols for selected diseases.

**Special assignments:**

S.NO	Task	Dept
1	To Cull out Adverse Effects of <i>Andrographis Paniculata</i>	CCRAS
2	To Vet the LHT formulations collected in Tirupattur Block by FRLHT.	SCRI
3	IEC Approval of all clinical trials in council	CCRS,SCRI

**Deputation abroad**

S.NO	Name of the country	Purpose of visit	Sponsor
1.	Brazil	Exposure visit to laboratories and Institutions as a part of Foundation training to scientists and technologists Conducted By IIPA	Department of Science and Technology
2.	Malaysia	To train the siddha practitioners in Malaysia and to conduct scientific discourse	Govt.of India

**Training Attended:**

Sl. No.	Year	Name of the Training Programme	Name of the Institute	Duration
1.	2006	Workshop on Awareness of intellectual property Rights(IPR) Patent Design	Central research Institute for Siddha.	2 days.
2	2006	Training workshop on Research Methodology for young faculties	CCRAS,New Delhi.	2 Days
3	2006	Workshop to frame syllabus for PG course in Siddha Medicine.	National Instituteof Siddha.	2 Days
4	2007	National Campaign on ksharasutra .	AIIMS, Delhi	2 Days
5	2007	Orientation meeting to develop collaborative Research proposal on LHT.	FRLHT,Bangalore.	2 Days
6	2008	National Campaign on Ayurveda and Siddha for Geriatric health care	CCRAS,New Delhi	2 Days
7	2008	Training programme on Ayu soft .	C-DAC, Pune.	2 Days
8	2009	Foundation training for Scientists and technologists.(DST Sponsored)	IIPA, New Delhi	3 months
9	2010	Training in Basic Biomedical statistics	PHFI, New delhi	3 days
11	2011	Conservation of Palm Leaf Manuscripts	Govt Museum ,Egmore	3Days

## **ACTIVITES:**

### **List of research publications published in International Journals:**

1. M. Kannan\*, P Sathiya Rajeswaran, S Natarajan, R Vasudevan, S D Muralidass, M S Shree Devi, Yoga in Pregnancy, Malaya Journal of Biosciences : Volume 2 2015, Issue 2, Pages:104-109.
2. Musthafa M, Rajeswaran S. Acute and Subacute Toxicity studies on Siddha Herbo-mineral Anti-arthritis formulation " Pooneeru Diravagam" in experimental animal models. International Journal of Clinical Pharmacology & Toxicology. 2015:136-42.
3. Shree Devi M.S\*, Kannan M, Sathiya Rajeswaran P, Natarajan S, Vasudevan R, Muralidass S.D, Instrumental Standardization of the Herbo Mineral Drug – Abraga Parpam, Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS) 6(6), November – December 2015:844-850.
4. Shree Devi M.S\*, Rajamaheswari K, Sathiya Rajeswaran P, Kannan M, Vasudevan R, Muralidass S.D, Natarajan S, FT - IR Characterization Analysis of the Siddha Formulation Brahmananda Bairava Maathirai, Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS) 6(6), November – December 2015:840-843.
5. Shree Devi M.S, SathiyaRajeswaran P, Kannan M,Mohanasrinivasan. V, Subathra Devi.C\*, Jemimah Naine.S, Vaishnavi.B, GC-MS, FT-IR Analysis and Anti Bacterial Study of Bioactive Compounds of Chundaivatral Chooranam - A Siddha Poly Herbal Formulation, Int.J. PharmTech Res. 2015, 8(10),pp 204-209.
6. S Natarajan\*, C Anbarasi , P Sathiyarajeswaran and M Kannan.,Nandukkal, a fossil crab used in Siddha Medicine and its therapeutic usage –a review, Malaya Journal of Biosciences 2015, 2(2):110-114.
7. Thillaivanan. S , Parthiban. P, Kanakavalli. K, Sathiyarajeshwaran. P.,A Review on “Kapa Sura Kudineer”-A Siddha Formulary Prediction for Swine Flu, International Journal of Pharmaceutical Sciences and Drug Research 2015; 7(5): 376-383.
8. A. Kumari , K. Kanakavalli, R. Menaka, P. Sathiya Rajeswaran., Anti-ulcer activity on Siddha herbo-mineral formulation of Arputha Mathirai in aspirin induced gastric ulcer in rats, World J Pharm Sci 2015; 3(10): 2024-2028.

9. Lekha GS, Sathiyarajeswaran P. Management of Non Communicable Diseases by Siddha System. Ayushdhara. 2015 Dec 8;2(4).
10. Anitha John, R.Jayachandran , Sasikala Ethirajulu , P.Sathiyarajeswaran, Analysis of Kabasurakudineer Chooranam-A Siddha Formulation, IAMJ: Volume 3; Issue 9; September- 2015.
11. Rajeswaran PS. Acute and Subacute Toxicity studies on Siddha Herbo-mineral Anti-arthritic formulation" Pooneeru Diravagam" in experimental animal models. International Journal of Clinical Pharmacology & Toxicology (IJCPT). 2015 Apr 1;4(1):136-42.
12. Priya F, Shakila R, Sathiyarajeswaran P, Pitchiahkumar M. Standardization of Milagathi Chooranam. International Journal of Herbal Medicine. 2014;1(6):69-74.
13. Jayabharathi M, Mustafa MM, Sathiyarajeswaran P. Acute and Sub-Acute Toxicity Study on Siddha Drug Rasa Chendooram. International Journal of Pharmaceutical Sciences and Research. 2014 Dec 1;5(12):5463.
14. Aruna R, Sathiyarajeswaran P, Gopakumar K, Ramaswamy RS. Cardioprotective effects of kitchen culinaries mentioned in Siddha literature. Journal of Pharmacognosy and Phytochemistry. 2014;3(3):71-9.
15. Thillaiivanan S, Kanagavalli K, Sathiyarajeswaran P, Parthiban P. Acute and Sub-acute Toxicity Study On Spermatogenic Siddha Drug'isappukol Chooranam'(Ic). International Journal of Pharmaceutical Sciences and Research. 2013 Nov 1;4(11):4448.
16. K. Samraj, K. Kanagavalli, P. Sathiya Rajeswaran and P. Parthiban.,Acute and Sub-Acute Toxicity Study on Siddha Drug Velvanga Parpam, IJPSR, 2013; Vol. 4(11): 4384-4391.
17. Parthiban P, Kanagavalli K, Sathiyarajeswaran P, Anbu J, Krishnaprakash G. Antiarthritic activity of Kanthaga Parpam (KP)(Official Siddha Drug) in Complete Freund's Adjuvant (CFA) induced arthritic rats. Int J Pharmacol Res Rev. 2013;2(5):1-7.
18. Kanagavalli K, Kavitha P, Anbu J, Rajeswaran PS, Parthiban P. Analgesic Activity of Sathikkai Podi-a Siddha Drug, International Journal of Pharmaceutical and Chemical Sciences, Vol. 2 (2) Apr-Jun 2013.
19. K. Kanakavalli, P. Parthiban, J. Anbu, P. Sathiya Rajeswaran, R. Sathyavathy.,Lithotriptic Activity of Siddha Drug Megarajanga Chooranam on Ethylene Glycol Induced Urolithiasis in Rats International Journal of Pharma Research & Review, May 2013; 2(5):24-32.

20. Samraj K, Kanagavalli K, Rajeswaran PS, Parthiban P. Acute and Sub-Acute Toxicity Study On Siddha Drug Velvanga Parpam. International Journal of Pharmaceutical Sciences and Research. 2013 Nov 1;4(11):4384.
21. Parthiban P, Kanagavalli K, Rajeswaran PS, Anbu J, Chinnasamy A. Hypoglycemic Activity of Seerankottai Thiravam (*Semicarpus Anacardium*. Linn) in Alloxan Induced Diabetic Rats. International Journal of Pharma Research & Review, May 2013; 2(5):18-23.
22. P. Parthiban, K. Kanagavalli, P. Sathiya Rajeswaran, J. Anbu, \*N. T. Parthiban., Evaluation of Anti-Histaminic and Bronchodilator Activity of Linga Mathirai (Formal Siddha Drug), International Journal of Pharma Research & Review, May 2013; 2(5):8-12.
23. Kannan M, Natarajan S, Sathiyarajeswaran P, Meenakshisundaramurthy K. The health status of geriatric population attending the special siddha geriatric clinic of a research institute. International Journal of Health and Pharmaceutical Sciences. 2012 Apr;1:2.
24. Kannan, M., Parameswaran, S. and Sundram, N.S., 2012. Anaemia (Pandu) Primary Care in Siddha.
25. Anbu J, Parthiban P, Kanagavalli K, Thillaivanan S, Sathiyarajeswaran P. Spermatogenic Activity of Isa Against Tcdd Indu.
26. Natarajan, S., Nagarajan, T., Sathiyarajeswaran, P. and Kannan, M., 2012. The Role Of Varma Therapy In Cakana Vatam.
27. Natarajan, S., Sathiyarajeswaran, P., Kannan, M. and Pandian, S.J.J., 2012. Evidence based Siddha Medical Management of Dengue.
28. Kannan, M., Sathiyarajeswaran, P. and Natarajan, S., 2012. Management of Kalladaippu (Renal Calculi).
29. Shanmugasundaram, N., Sathiyarajeswaran, P. and Kannan, M., 2012. An Open Clinical Trial for Cegana Vatham using Varmam Procedure.
30. Kannan M, Natarajan S, Sathiyarajeswaran P, Meenakshisundaramurthy K. The Health Status of Geriatric Population Attending the Special Siddha Geriatric Clinic of a Research Institute, International Journal of Health and Pharmaceutical Sciences 2012\_1(2)/6\_109\_36-41.
31. Siddha Kayakalpa drugs a modulation therapy in Alzheimer's - a Transparency and Perspective eye views. JRAS, Oct-Dec'07 Vol.XXVIII, No.4, pp.99-108 22.

**Details of the Proceedings Published/Presented in Conferences/ Seminars/ Workshops**

S.No.	Title	Event	National	Position
1	Toxic effects of Mercurial Poisoning	Departmental seminar, Tamil university, Thanjavur	National	Author
2	Astudy on Agathi	TIIMCA, Regional, CME, Trichy.	National	Author
3	Six Chakras – Areview	National Conference on the scope of New Millenium,Chennai	National	Author
4	Diet and Diet Restrictions in Theivu Noi	AIDS conference by Health India Foundation	National	Author
5	The Chemistry Behind Purification of Lingam	Siddha Medicine for all ages (2001)	National	Author
6	A herbal Drug For Tonsillitis	Second national Conference	National	Author
7	FTIR Spectroscopic analysis and Bio active principle isolation in urai mathirai	Siddha Medicine for all ages (2003)	National	Author
8	Insulin plant, A greater avenue to Diabetes mellitus	Second national Conference(2004)	National	Co-Author
9	Comparison of Varma With Acupressure and Bio Magnetic healing Sciences.	National Conference On Varma Therapy-2005	National	Author
10	Nutraceutical Benefit of Lotus in Antenatal Care	National seminar on Bio medicine in Aqua Culture	National	Author
11	Powder Diffraction finger print on cinnabar formulation	National Seminar on Quality control and Standardization of Metal Based Drugs.	National	Author
12	Protocol for Alzheimer's Disease	State level conference in Geriatric care	National	Author
13	Road Map In clinical research	Siddha scientific Seminar –The Tamilnadu MGR Medical University	National	Author
14	FTIR Spectroscopic Analysis of Certain Siddha drugs	Herbocure ,	National	Author

15	Purification studies on Terminalia chebula	Herbocure , The National Conference on Advance Research in Siddha Medicine and Herbal Plants	National	Co-Author
16	Purification studies on Zingiber officinale	Herbocure , The National Conference on Advance Research in Siddha Medicine and Herbal Plants	National	Co-Author
17	Mudhumai Noyil Siddha Maruthuvam	World Siddha day Magazine – II	National	Co – Author
18	Bio Medicinal Value of an Aquatic Herb	World Siddha day Magazine – II	National	Author
19	Start every day in Siddha way	World Siddha day Magazine – II	National	Co – Author
20	Pharmacovigilance an overview	World Siddha day Magazine – III	National	Co – Author
21	SWOT Analysis of Siddha Medicine	World Siddha day Magazine – III	National	Author

#### **Published (Souvenirs) in various Events**

1.	Mudhumai Noyil Siddha Maruthuvam	World Siddha day Magazine – II	Co – Author
2.	Bio Medicinal Value of an Aquatic Herb	World Siddha day Magazine – II	Author
3.	Start every day in Siddha way	World Siddha day Magazine – II	Co – Author
4.	Pharmacovigilance an overview	World Siddha day Magazine – III	Co – Author
5.	SWOT Analysis of Siddha Medicine	World Siddha day Magazine – III	Author

**Details of Invited Lectures:**

<b>S.No.</b>	<b>Title</b>	<b>Event</b>	<b>Organizer</b>
1	Climate change and its Implications on AYUSH Drugs	National workshop on Climate change(2010)	9 <sup>th</sup> September at VLB-Janakiammal college of Engineering. Coimbatore
2	Accreditation Standards.	Awareness programme of Accreditation of AYUSH Hospitals(2010)	Quality Council of India 10 <sup>th</sup> September-2010. Siddha Central research Institute, Chennai
3	AYUSH Modules.	Academic classes for MPH Scholars.(2010,2011,2012)	National Institute of Epidemiology, ICMR, Ayapakkam, Chennai.
4	Medicinal Plants in Sangam Literature.	National seminar in issues Involved in Translation of Sangam Literature.(2011)	Central institute of Classical Tamil and S.T.Hindu College, Nagercoil.
5	National Projects in Mother and Child care	Reorientation training programme(2010)	National Institute of Siddha, Chennai.
6	Siddha glimpses in Sangam Literature	National seminar on Traditional heritage in Sangam Age(2011)	Gandhigram rural university and Central institute of Classical tamil
7	Traditional bone setting Siddha Medical Perspective	Consultative workshop on Traditional Bone setting,CMC,Vellore.(2005)	FRLHT, Bangalore.
8	Virgin Areas In Siddha Pharmacological research	Hands on Training in Experimental Pharmacology(2008)	CRI-Siddha,Chennai
9	Different formulations,Dosage forms and their advocacy in Siddha system of Medicine.	Workshop on AYUSH ASHA(2010)	ALRCA,Chennai

10	Medicinal Plants in Health Industry	DBT Sponsored Training course in Molecular technique in plant sciences. (2010)	Loyola college,Chennai.
11	Evidence Base for Herbs and Formulations mentioned in Siddha claimed in Treatment of CVD'S	CME On Cardiac diseases.(2012)	Santhigiri Siddha college, Trivandrum.
12	Efficacy testing of metallic drugs in Siddha.	National workshop on Safety and efficacy of metallic drugs.(2012)	SRRI, Trivandrum.
13	Ayush GCP Guidelines	Science club CME(,2012)	SCRI,Chennai.
14	CCRS Activities and Achievements	Malaysian delegation visit(2011)	CCRS,Newdelhi.
15	Health care of Elderly	Arogya, hyderabad	CCUM,Dept of AYUSH.

**Guidance Imparted:**

- PG Students from GSMC,Chennai
- Co-Guide,Sri Ramachandra University,Chennai.
- Internees from Siddha colleges who undergo training in Institute.
- Co guide to students from M.Pharm,MMC,Chennai.