BIO DATA

I. NAME AND ADDRESS

Name	Dr. K. S. Uma., M.D (S), MBA, M. H. Sc, DVM, Ph. D.
Designation	Associate Professor
Office	No: 69, Anna Salai, The Tamil Nadu Dr. M. G. R. Medical University, Guindy, Chennai-32
Residence	24/10, N. S. K. Street, Lakshmipuram, Thiruvanmiyur, Chennai-41
Date of Birth	18-1-1966
Age	52 years
Sex	Female
Phone no	9444030333
Email Id	uma.ks@tnmgrmu.ac.in

II. QUALIFICATIONS

S.No.	Examination Passed	Year	Name of the School/College/ University	Subjects
1	BSMS	1988	Madurai Kamarai University, Madurai	Siddha
2	M.D (Siddha)	1994	The T.N Dr .M.G.R. Medical University, chennai-32	Pothu Maruthuvam
3	MBA (HA)	2009	Tamil Nadu Open University, Chennai-25	Hospital Administration
4	M. H. Sc (PH)	2012	Annamalai University	Public Health
5	DVM	2012	BSS	Varmam
6	Ph. D	2016	The T.N Dr .M.G.R. Medical University, Chennai-32	Mathumegam (Type 2 Diabetic Mellitus)

III. EXPERIENCE

S.No	Designation	Institution	Year of Experience
1	Medical Superintendent	Impcops Hospital,Ch-41	9 yrs
2	Lecturer	The TN Dr M. G. R. Medical University, Ch-32	3 yrs
3	Associate Professor	The TN Dr M. G. R. Medical University, Ch-32	7 yrs 2 months

IV. TRAINING PROGRAME / WORKSHOP / CME / SYMPOSIUM /CONFERENCE /ATTENDED

S.no	Training Program	Workshop	CME	Symposium	Conference
1	6	18	17	1	14

V. DETAILS OF PAPER & POSTER PRESENTATION /PUBLICATION / FUNDING

S. no		Poster presentation	Paper presentation	Public ation	F. Project completed	F. Project ongoing	Fund Received
1	State	4	3		1	1	Rs 50,000/-
2	National	1	5		1		Rs 1,00,000/-
3	International		1				Rs 50,000/-
	Total	5	9	14	2	1	Rs.2,00,000/

VI. PROJECT COMPLETED

1. Analytical study of Seenthil Sarkarai and Pre clinical evaluation of anti- diabetic effect and acute and subacute toxicity of Seenthil Sakkaraiin in normal and streptozotocin induced Diabetic rats.
2. Clinical Evaluation of Siddha formulations for the Management of Madhumegam / Type 2 Diabetic Mellitus (NIDDM)

VII. PAPER PUBLISHED

1. **K. S. Uma,** S. Mini Jacob, Ganesh Arumugam, Kalpana,Mayilvahanan Natarajan. Invitro evaluation of antimicrobial activity of Siddha drugs Seenthilsarkarai and NilavembuKudineer against Leptospira. International Journal of Pharmacy and Pharmaceutical science, 2012; 4 (2):75-8.
2. M. Rajmohan, P. D.Madankumar, M.Shivakumar, **K.S.Uma**. Awareness on Oral Health among Ayurveda and Siddha Practitioners in Chennai, Tamilnadu – A questionnaire study. Medical Journal of Islamic world Academy of Science 2012; 20(2): 43- 8.
3. **Uma K S,** Dayanandha Reddy G, Purushoth Prabu T, Geethalakshmi S. Evaluation of Subacute Toxicity (Oral) of Siddha Medicine – Seenthil Sarkarai in wistar Albino rats. World Journal of Pharmaceuticals and Life Sciences. Dec 2016; 2(6): 189-98.
4. **Uma Kullappa Shanmugam**, Karthikeyan Nagarajan, Kabilan Natarajan, Purushothprabhu Thiraviam, Balasubramanian Thiyagarajan, Geethalakshmi Sekkizhar. Preliminary Phytochemical Analysis of Siddha Formulation – Parangipattai kudineer . European Journal Of Biomedical And Pharmaceutical Sciences 2017 Jan; 4(1):526-30.
5. **Kullappa shanmugam Uma** , Murugesan Arulpathy, Sekkizhar geethalakshmi, Natarajan Kabilan, Thiyagarajan Balasubramanian. Organoleptic characters, Physiochemical and Preliminary phytochemical analysis of Thrikadugu, Parangipattai and Masikkai chooranam. World Journal of Pharmaceuticals and Life Sciences 2017 May; 3(3): 117-21.
6. Karthikeyan Nagarajan., Kabilan Natarajan, **Uma.** Preliminary Phytochemical Analysis of a Polyherbal Siddha formulation-Rojamoggu Lehyam. International Journal Oo Current Advanced Research. June 2017; 6(6): 4434-7.
7. S. Kalpana , Junior Sundaresh , **K S Uma,** S. Geethalakshmi. Health care waste management Pactices in private hospitals in Chennai. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) Aug. 2017; 16(8):69-74.

8. **K S Uma** , P Parthiban, S Kalpana. Pharmacognostical and Preliminary Phytochemical Screening of Aavaaraividhai Chooranam. Asian Journal of Pharmaceutical and clinical research. Asian Journal of Pharmaceuticals and clinical research. 2017; 10(10): 111-116.
9. **Uma Kullappan Shanmugam**, Geethalakshmi Sekkizhar, Vivekanandhan Elango, Kabilan Natarajan, Balasubramanian Thiyagarajan. Standardization of Siddha Formulation- Adhatodai Kudineer**.** ***International Journal of Development Researc.*** *2 017; 07(10):16077-16082*
10. K.S. Uma , S. Geethalakshmi, S.G.Jeevitha, N. Kabilan, T. Balasubramanian. In vitro Anti-microbial activities of various extracts of Parangipattai Kudineer - Siddha formulation.Imperial Journal of Interdisciplinary Research (IJIR). 2017; 3(10):457-460.
11. B. Janani, **K.S. Uma** , S. Geethalakshmi, N. Kabilan, T. Balasubramanian, Thankaiah Mohan Raj. In vitro Anti-microbial activities of Aqueous extract of Karappan Kudineer - Siddha formulation. International Journal of Current Research (IJCR). 2017; 9 (10): 59672-59675,
12. Karthikeyan Nagarajan, **Uma Kullapan Shanmugham**, Kabilan Natarajan, Balasubramanian Thiyagarajan, Geethalakshmi Sekkizhar. Panchatiktha Kwatha Churnam - An Ayurvedic Medicine **- A** Review International Journal of Current Research (IJCR). 2017; 9 (10): 59686 – 59693.
13. **Kullappan Shanmugam Uma**, Mokkaiah Devar Logamanian**,** Sekkizhar Geethalakshmi ,Palayyan Muralidharan, Gaddam Dayanand Reddy**,** Thiyagarajan Balasubramanian, Ramamurthi Sukumar. Subacute toxicity study of Siddha formulation- Aavaarai vidhai chooranamin wistar albino rats. IJPPR. HUMAN, 2017; Vol. 10 (4): 184-193.
14. **K. S. Uma,** S. Kalpana, N. J. Muthukumar, V. Banumathy, S. Geethalakshm, T. Balasubramanian. Invitro Antifungal activity of Ten Siddha Formulations against Candida Albicans. Journal of Siddha January 2018; 3(1): 57-62.

IX. AWARD RECEIVED

Best employee award from The T.N. Dr. M.G.R. Medical University at University Day on 1-7-2011.

X. RESEARCH GRANT RECEIVED

1. Research Grant -Received Rs 50,000/- from University Research Council, The T.N. Dr M.G.R. Medical University for the proposal entitled “Analytical study of Seenthil Sarkarai and Pre clinical evaluation of anti-diabetic effect and acute and sub-acute toxicity of Seenthil Sakkaraiin normal and streptozotocin induced Diabetic rats.
2. UGC support for the minor Research project Rs 1,00,000/- from University Grant commission, BahadurshahzafarMarg , New Delhi for the proposal “Clinical Evalu0ation of Siddha formulations in the Management of Type 2 Diabetic Mellitus(NIDDM)”
3. Research Grant -Received Rs 50,000/- from University Research Council, The T.N. Dr. M.G.R. Medical University for the proposal entitled “Assessment of Clinical Efficacy of Sarpagandha Chooranam Vs Kuruthiazhal Chooranam in The Management of Ratha Kothippu / Essential Hypertension - A Comparative Study

XI. PAPERS PRESENTATION

1. Kaya karpamooligai – Naveena Arivial Kannotam at National Conference on Tamil MaruthuvathinThonmai, held at Chennai on April 2nd -4th2010.
2. In vitro evaluation of anti-fungal activity of Siddha formulations against Candida Albicans" at National Level Conference on Advanced Research In Siddha Medicine & Herbal plants organized by Sai Ram Siddha Medical college and Research Centre, Chennai-44 on April 28th to 30th 2011.
3. How to control the Diabetes Mellitus through diet Siddha –Modern concept" at Tamil scientific 11th Conference conducted by Gandhigram Rural University, Dindigul on June 26th& 27th 2011.
4. Unrevealing secrets of Siddha manuscripts"in three days national seminar on siddha manuscripts- Its relevance to education, Industry and research from 10th to12th Feb 2012.
5. Evaluation of Sub acute Toxicity (oral) study of Siddha Medicine –Seenthil Sarkaarai in wistar albino rats". At National conference on Management of Urogenital Diseases through Siddha system of Medicine (MUSSM-2016) organized by Siddha Central Research Institute, Thiruvananthapuram on 8th& 9th October 2016.
6. Effective External Therapy - Patru, Podithimirthal, Ennai Kattu for The Management of Thandaga Vadham -Disc Bulge, Prolapse in the National Conference of Pura Maruthuvam – External Therapies In Siddha System of Mediicine (NCPM-2107) organized by Siddha Central Research Institute, Puduchery on 9th & 10 th Dec 2017.
7. Preventive aspects and Role of Siddha Medicines in the management of Essential Hypertension – A Review in Siddha Day organized by Siddha Central Research Institute, National Institute of Siddha at The T.N. Dr. M.G.R. Medical University. Chennai on 4th January 2018.
8. Holistic Management For Lifestyle Disease – Ashithoola Rogam / Obesity- A review in World Congress on Holistic health – The Future Health for all –NCD organized by The T.N. Dr. M.G.R. Medical University. Chennai at silver Jubilee Auditorium on 9th and 10th of Feb 2018.
9. Role of Peetchu in the Management of Tandaga Vadham - Case Report With Review of Literature in 1st International Conference & Exhibition on Siddha Medicine (ICESM - 2018) "Healthy Soul & Body through Nature" organized by Collaborate with Ministry of AYUSH, India & Dept of Indigenous Medicine, Northern Province at Unit of Siddha Medicine, University of Jaffna, Kaithady, Sri Lanka on 23rd – 27 th February 2018.

XII. POSTER PRESENTATION

1. Invitro evaluation of antimicrobial activity of Seenthil sarkarai and nilavembu

Kudineer against Leptospirain the International conference on Traditional drugs in disease management conducted by Centre of advanced Research in Indian System of medicine, Sasthra University, Tanjure on 11th and 12th Jan 2012.

2. Study on Nano Particle size of SeenthilSarkarai" at 2nd National Level Conference on Nanotechnology: Applications and its advantages in Natural Science on February 4th& 5th 2011 conducted by Manonmaniam Sundaranar University, Alwar kurichi.TN.
3. Concept of Theraiyar Pini Anuga Vidhi in Prevention of Lifestyle Diseases in Siddha Day on January 4 th organized by Siddha Central Research Institute, National Institute of Siddha at The T.N. Dr. M.G.R. Medical University. Chennai.
4. Siddha Concept In Holistic Approach For Environment Health Issues in World Congress on Holistic health – The Future Health for all –NCD on 9th and 10th of Feb 2018 organized by The T.N. Dr. M.G.R. Medical University. Chennai.
5. Assessment of Risk of Overweight and Obesity among Adult Women attending Siddha Out Patient Department. – An Observational Study in Siddha day oraganised by Siddha Central Research Institute, National Institute of Siddha at Kalaivanar Arangam. Chennai on 26-12-18.

XIII. GUEST LECTURE

1. Medical Ethics in Research in RMBS workshop at the Tamil Nadu Dr. M.G.R. Medical University from Aug 2010 to till date.
2. Protocol Discussion in RMBS workshop at the Tamil Nadu Dr. M.G.R. Medical University from Aug 2010 to till date.

XIV. TRAINING UNDERWENT

1.Skill oriented Training programme in "Computer appreciation and Internet access conducted by Periyar Science and Technology centre from 15-9-09 to 18-10-09.

2.Basic and specialized Computer Training" conducted by TNeGA under capacity building programme of NeGP from 13-7-2010 to 15-7-2010.

3.Hands on training in Experimental Pharmacology at Siddha Central Research Institute, Chennai-106 on 02.08.2010 - 07.08.2010.

4.Diet for Diabetes conducted at Urban Horticultural Development centre, Chennai on 29-12-2010.

5.Re-orientation Training Programme in Maruthuvam" conducted by National Institute of Siddha, Tambaram, Chennai-47 from 28th March to 2 nd April 2011.

6.Hands on training in Excel conducted by Department of Sidhha, The TN DR M. G. R. Medical University, Chennai-32 on 22nd Sep 2017

XV. WORKSHOP ATTENDED

1. Siddha Scientific Seminar and Yogam, Varmam Workshop organized by Department of Sidhha, The TN DR M. G. R. Medical University, Chennai-32 on 24th &25th November 2008.
2. Research Methodology and Bio-Statistics conducted by the Department of Epidemiology, The T.N. Dr. M.G.R. Medical University on March 30th to April 3rd, 2009.
3. First National Workshop on Pre - Clinical and Clinical Research" exclusively for Siddha Professionals organized at Sri Ramachandra University and Research Institute, Chennai on 3rd and 4th November 2009.
4. Workshop on Relevance of Quality Assurance in Globalization of Ayurveda and Siddha drugs organized by CSMDRAS, Chennai-106 on 18th&19th December 2009.
5. National Workshop on "Analytical Techniques on Standardization of Siddha Drugs at Sri Ramachandra University and Research Institute, Chennai-116 on 10th-12 th June 2010.
6. National workshop onVarma Naadi Based Clinical Diagnosis VNBCD-2010 Organized by *International Varma Research Foundation (IVRF) and Touchlab* Biomedical Engineering Group Department of Applied Mechanics, lIT Madras, Chennai -36, on Dec 19th 2010.
2. Workshop on Introduction to Scientific & Medical Writing organised by Department of Epidemiology, The T.N. Dr. M.G.R. Medical University, on 18th March 2011.
3. Workshop on Varmam and Thokkanaum conducted by Siddha Central Research Institute, Chennai-106, from 21st to 23 rd of March 2011.
4. Workshop on "Essentials of Biostatistics" organized Department of Epidemiology, The TN DR M. G. R. Medical University, Chennai-32 on 12th -14th Dec 2011.
5. Workshop on Scientific & Medical Writing" organised by Department of Epidemiology, The T.N. Dr. M.G.R. Medical University, on 2nd March 2012.
6. National Workshop on Kalladaippu (Urolithiasis) and its management in Siddha at Siddha Regional Research Institute, Pudhucherry on 05.03.2012 and 06.03.2012.
7. World Siddha Meet 2012 on 13th and 14th of April 2012.
8. National workshop on Varma Naadi Based Clinical Diagnosis VNBCD-2010 Organized by *International Varma Research Foundation (IVRF) and Touchlab* Biomedical Engineering Group Department of Applied Mechanics, lIT Madras, Chennai -36, on July 26th and 27th2012.
9. Workshop on KATTU a unique Siddha dosage form on March 2016 Organized by Centre for Traditional medicine & Research (CTMR) & ISM /NP Laboratory , AU-KBC Research Centre, MIT Campus of Anna University, Chennai
10. National Workshop on "Varmam Treatment for Nervous Diseases affecting Panchenthriyangal" Organized by Varmanium Foundation, Kanyakumari on 2[6th]& 2[7th] August 2016.

11. Workshop On Skill Development on Herbal Formulations to Meet Regulatory Compliance organized by Asthagiri Herbal Research Foundation, Chennai between 7th -12 th Nov 2016.
12. Workshop on "Human Capital Management - Augmenting Leadership Capabilities" organized by Department of Medical education and Curriculum Development, The TN DR M. G. R. Medical University, Chennai on 15th November 2016.
13. Workshop on "Introduction on E-Learning in Education" organized by Department of Sidhha, The TN DR M. G. R. Medical University, Chennai-32 on March 2nd& 3rd 2017

XVI. CONFERENCE ATTENDED

1. National Conference on AIDS organized by IMPCOPS Chennai42 on 25th and 26th June 1993.
2. Third National Siddha Conference on 3th & 4th of July 2004
3. National conference on Varmology Organised by Arts Research Institute, Coimbatore on 11th of May 2008.
4. Seminar on Conservation and Pharmacological Action of Indian Medicine Plants organized by Sai Ram Siddha Medical College & Research Centre on 22nd Dec 2011.
5. Vethasanthi 2012 International Conference on Medical Varmalogy organized by Arts Research Institute, Coimbatore on 12th and 13th of May 2012.
6. ICMR Sponsored International Conference on Bioactive Natural Compounds from plant food in Nutrition and Health (ICBPN 2012)" organized by CMS College, Kottayam on 20 -22 Sep 2012.
7. State Conference on Telemedicine, Telemedicine 2017- Health care Solution in Tamil Nadu organized by The TN DR M. G. R. Medical University and Telemedicine Society of India , Tamil Nadu State Chapter at The TN DR M. G. R. Medical University. Chennai-32. on 21 st October 2017.
8. External Therapies In Siddha System of Mediicine (NCPM-2107) organized by Siddha Central Research Institute, Puduchery on 9th & 10 th Dec 2017.
9. Siddha Day organized by Siddha Central Research Institute, National Institute of Siddha at The T.N. Dr. M.G.R. Medical University. Chennai on January 4th 2018.
10. World Congress on Holistic health – The Future Health for all –NCD organized by The T.N. Dr. M.G.R. Medical University, Chennai. on 9th and 10th of Feb 2018
11. 1st International Conference & Exhibition on Siddha Medicine (ICESM - 2018) "Healthy Soul & Body through Nature" organized by Collaborate with Ministry of AYUSH, India & Dept of Indigenous Medicine, Northern Province , Unit of Siddha Medicine, University of Jaffna, Kaithady, Sri Lanka on 23rd – 27th February 2018.
12. A 3 Dimensional approach to management of Diabetes: Diabetes- Dialogues-Discussions on 28th -29th April 2018 at Chennai.

13. Siddha Day organized by Siddha Central Research Institute, National Institute of Siddha at Kalaivanar Arangam. Chennai on Dec 26th 2018
14. National Seminar on Management of Life style Disorders conducted by SKM at Erode on 19th and 20th Jan 2019.

XVII. SYMPOSIUM ATTENDED

1. 6thINDO_US Winter symposium organized by The TN DR M. G. R. Medical University and American Tamil Medical Association" at The TN DR M. G. R. Medical University on 7th and 8th Jan 2012.

XVIII. CME ATTENDED

1. Transfusion support in Oncology patients" conducted by Department of Transfusion Medicine, The T.N. Dr. M.G.R. Medical University on 21-12-2009.
2. Microrray Technique" conducted by Department of Immunology, The T.N Dr. M.G.R. Medical University on 22-12-2009.
3. CME on "Pharmaco-vigilance for Siddha Medicine"organised by National Institute of Siddha, Tambaram, Chennai-47 on 25th October 2010.
4. CME Programme for Teachers conducted by post graduate Department of Noi Nadal, Government Siddha Medical College, Palayamkottai from 11th to 16th of July 2011.
5. Application of Tridhosa principles in clinical practice" organized by Tharu Siddha Maruthuvapayilarangam at world University Service Centre, Chennai on 18-12-2011.
6. Recurrent First Trimester Pregnancy Loss" conducted by the Department of Medical Genetics, The TN DR M. G. R. Medical University on 5th 0ct 2012.
7. CME on " Recent Advances in the management of Type -2 Diabetes mellitus" conducted by Department of Medical Education and Curriculum Development, The T.N. Dr. M.G.R. Medical University on 19th November 2014.
8. CME on " Oncology " conducted by Department of Medical Education and Curriculum Development, The T.N. Dr. M.G.R. Medical University on 6th Feb 2015.
9. CME on "Futuristic Medicine - Cardiology " conducted by Department of Medical Education and Curriculum Development, The T.N. Dr. M.G.R. Medical University on 19th August 2015.
10. CME on "Patency" conducted by Department of Medical Education and Curriculum Development, The T.N. Dr. M.G.R. Medical University on 26th August 2016.
11. CME on "Research Methodology and Biostatistics for Teachers" conducted by Department of Siddha, The T.N. Dr. M.G.R. Medical University from 26-9-2016 to 1-10-2016.
12. CME on "Obesity" conducted by Department of Medical Education and Curriculum Development, The T.N. Dr. M.G.R. Medical University on 21th October 2016.

13. CME on Patenable subject matter in the field of Medicine conducted by Department of Medical Education and Curriculum Development, The T.N. Dr. M.G.R. Medical University on 10th February 2017.
14. CME on "Cancer Immunotherapy" conducted by Department of immunology, The T.N. Dr. M.G.R. Medical University on 23rd March 2017.
15. CME on Current trends in Obstetric, Neonatal and Padiatric Transfusion Practice conducted by Department of Transfusion Medicine, The T.N. Dr. M.G.R. Medical University on 24th March 2017.
16. CME on " Awareness on Oncology " conducted by Department of Medical Education and Curriculum Development, The T.N. Dr. M.G.R. Medical University on 31th March 2017.
17. **DEBATE 2019** conducted by PRIMER on 23rd and 24 th Feb 2019 at Chennai.

XIX. CERTIFICATE OF PARTICIPATION

1. Chennai Science Festival -2010 held at Periyar Science and Technology Centre campus, Chennai from 3rd to 7th Feb 2010.
2. Certificate of participation for submitting an idea for Smart India Hackathon 17 under ministry of Electronics and IT.
3. Certificate of participation for submitting an idea for Smart India Hackathon 17 under Ministry of AYUSH
4. Yoga and Naturopathy quiz conducted by my Government, On Yoga day.

XX. DISSERTATIONS SUBMITTED

1. Study on Manjalkamalai (Jaundice) to The TN Dr.M.G.R. Medical University, Chennai-32.
2. A Descriptive study on Patients' Satisfaction of receiving Siddha Treatment and for suggesting strategy to maintain quality health care in Sid/dha Hospitals. To Tamil Nadu Open University on Dec 2010.
3. Screening of Antimicrobial activity of Nilavembu Kudineer(Dehydrated Powder) against Escheria coli, Staphylococus aureus and Pseudomonas aurugenosa" to Annamalai University on April 2012.

XXI. Ph. D THESIS SUBMITTED

1. Clinical evaluation of Siddha formulation for the management of Madhumegam/ Type 2 Diabetes mellitus (NIDDM).

XXII. EXAMINER FOR PRACTICAL AND QUESTION PAPER SETTING, PAPER EVALUATION FOR THE FOLLOWING COURSES IN THE FOLLOWING UNIVERSITY.

s. no	Course	University
1	BSMS	Kerala Medical University. The TN Dr. M. G. R Medical University
2	M.D (Siddha)	The TN Dr. M. G. R Medical University
3	FSISM	The TN Dr. M. G. R Medical University

XXIII. CLINICAL EXPERIENCE

s. no	Name of the Institute	Year of Experience
1	Impcops, OPD, 2000 - 2009	9 years
2	OPD, National Institute of Siddha, 2012-2016	5 years
3	OPD, The TN Dr. M. G. R Medical University	5 yrs
4	AYUSH Wellness Centre	1 month

XXIV. TEACHING EXPERIENCE

S.no	Name of the Course	Institute	year of experience	Students
1	Research methodology and Biostatistics	The TN Dr. M. G. R Medical University	2010 - till date	M.D (S)
2	Research methodology and Biostatistics	The TN Dr. M. G. R Medical University	2018	BSMS
3	Fellowship in Standardization of ISM drugs	The TN Dr. M. G. R Medical University	2016 - till date	FSISM students

XXV. RECOGNIZED Ph. D GUIDE in The TN Dr. M. G. R Medical University. Chennai.

2 candidates submitted proposal to proceed part time Ph.D under my guide

XXVI. POSITION HELD: Board of Director of Impcops Ltd, Chennai -10 yrs (1991 to 2000)

XXVII. CHAIR PERSON:

Held a position of Chair person in various Scientific Session in Conferences

I hereby declare that the information furnished above is true to the best of my knowledge.

Date: 3-6-2019
Place: Chennai-32

(Dr. K. S. Uma)