

The Tamil Nadu Dr MGR Medical University

Department of Siddha

Events in 2019 -2020

Drug Standardization Laboratory:

A state-of-art Drug Standardization Laboratory has been established at the University premises. This is the only laboratory among the affiliated AYUSH Institutions. This Laboratory will fulfil the needs of the affiliated Institutions for their Drug Standardization. Postgraduate students and Researchers can utilize the facilities of the laboratory.

There are six projects completed on Standardization of Siddha drugs in this Drug Standardization Laboratory. Mr. V. Mohan, Technician Grade III is the in charge of the Drug Standardization Laboratory.

In the Academic year 2018-19, the Postgraduate students utilized the Drug Standardization Laboratory for their dissertation. In this year, 29 Postgraduate students have done their Physiochemical and Phyto chemical analysis in this Drug Standardization Laboratory and Rs.24,117/- (Rupees Twenty four thousand One hundred and Seventeen only) earned from the Drug Standardization Laboratory.

Siddha Out –Patient Department:

For the benefit of the Public and Clinical Research purposes the University has started a Siddha OPD at the University campus on 21.02.2014. AYUSH Wellness Centre has opened on 12.12.2018 at the University campus.

Timings

The department of Siddha faculties is attending Siddha OPD on all the University working days (Monday – Friday) from 10.00 am to 1.00 pm.

Medicine supply for OPD

The University has requested the Government of Tamil Nadu to issue free medicines for this OPD. The Government has issued a **G.O (G.O. (MS) No.208 dated 18-7-2014.)** permitting the Superintendent, Arignar Anna Government Hospital of Indian Medicine, Chennai to supply Siddha Medicines prepared in the

attached Pharmacy to the Siddha Outpatient Department at The Tamil Nadu Dr. MGR. Medical University on need basis and free of cost. Whenever medicines need the Department of Siddha has to prepare the indent for Medicines which will be supplied by the Arignar Anna Government Hospital of Indian Medicine Pharmacy. In this year (2019-2020) **624.250 kg** of medicines was received from the Arignar Anna Government Hospital of Indian Medicine, Chennai and distributed to the patients. The input and output of medicines are being maintained properly in registers.

Repacking of medicines

The Siddha medicines are supplied in bulk packing quantity from Arignar Anna Government Hospital of Indian Medicine, Chennai-106. The department of Siddha is repacking the Medicines and distributing to Out-Patients. Medicines are given for seven days

Number of patients treated

5,051 patients have been attended the OPD from April 2019 to March 2020. In the Siddha Out-Patient department the registration book is given for each patient and maintained in the OPD itself. Mrs. J.Chitra, lab Assistant is the in charge of Siddha Out –Patient Department.

OPD duty allocation

Days	Name of the faculty	Pharmacist in charge
Monday	Dr.N.Kabilan, MD(S),PhD	Mrs. J.Chitra, lab Assistant
Tuesday	Dr.E.M.Manikgantan, MD(S) ,PhD	Mrs. J.Chitra, lab Assistant
Wednesday	Dr.K.S.Uma, MD(S) ,PhD	Mrs. J.Chitra, lab Assistant
Thursday	Dr.K.Rajalakshmi, MD(S) ,PhD	Mrs. J.Chitra, lab Assistant
Friday	Dr.G.Bharthkumar, MD(S) ,PhD	Mrs. J.Chitra, lab Assistant

Workshop on Research Methodology & Bio-statistics for PG:

Workshop on "Research Methodology and Bio statistics" five days Non - Resident Training program was conducted for AYUSH Post- Graduates and Researchers.

Sl.no	Date	Workshop	No of Participants
1	06.05.2019 to 10.05.2019	30 th Workshop on "Research Methodology and Bio-statistics"	60
2	15.07.2019 to 19.07.2019	31 st Workshop on "Research Methodology and Bio statistics"	35
3	27.01.2020 to 31.01.2020	32 nd Workshop on "Research Methodology and Bio statistics"	22
4	24.02.2020 to 28.02.2020	33 rd Workshop on "Research Methodology and Bio statistics"	79

So far thirty three batches of "Research Methodology and Bio statistics" Workshop for AYUSH Post- Graduates and Researchers were conducted since 2010 and totally 1700 Postgraduates of Siddha, Homeopathy and Yoga & Naturopathy have been benefited so far..

Workshop on Research Methodology & Bio-statistics for UG:

Workshop on "Introduction to Research Methodology and Bio statistics" Two days Training program was conducted for AYUSH Under- Graduates was conducted on 09.04.2019 & 10.04.2019. 24 Participants attended and benefited

Workshop on "Pulse Diagnosis of Siddha System"

Workshop on "Pulse Diagnosis of Siddha System" One day Training program was conducted for Students, Faculties and Physicians of Siddha Medicine was conducted on 12.12.2019. 71 Participants attended and benefited

National Conference on "Siddha Varmam-2019"

National Conference on "Siddha Varmam-2019" was organized for Students, Faculties and Physicians of Siddha Medicine on 04.07.2019 & 05.07.2019. The Theme of the conference is **'Exploring the Therapeutic Potentials of Siddha Varmam'**.

467 Participants registered and all participants attended this Conference. 13 Resource persons delivered the lecture on various topics on Varmam. Martial Arts demonstration was done in the conference. 51 Oral Presentations and 32 Poster Presentations was done by UG and PG Students, Siddha Researchers and Practitioners

Department Library

399 Books on various titles are available in the Department library for reference.

Ph.D. Programme

The Department of Siddha is recognized for conducting Ph.D program from the academic year 2008 – 2009 in the Faculty of Siddha under this University.

Completed Ph.D:

All the five faculties of this Department have completed the part-time Ph.D programme. All the Five Faculties have got the Guide ship for Research program.

Department of Siddha - Ph.D Candidates

Under the Guidance of Dr.N.Kabilan

1. Dr.P.Elankani submitted the Thesis for Ph.D
2. Dr.K.Rajamaheswari provisionally registered the Ph.D

Under the Guidance of Dr.K.S.Uma.

1. Dr.J Shyamala Devi provisionally registered the Ph.D
2. Dr. S.M Chitra provisionally registered the Ph.D

Lectures by Faculties in University:

- Dr.N.Kabilan delivered four lectures on “Introduction to AYUSH- Research” at a RMBS workshop at this University during 2019-2020.
- Dr.K.S.Uma delivered four lectures on “Medical Ethics in Clinical Research” at a RMBS workshop at this University during 2019-2020.
- Dr. E.M. Manikgantam delivered four lectures on “How to Write the Dissertation” at a RMBS workshop at this University during 2019-2020.
- Dr. K. Rajalakshmi delivered four lectures on "Writing a Research Protocol” at a RMBS workshop at this University during 2019-2020.
- Dr.G.Bharthkumar delivered four four lectures on “Research in AYUSH past, present and Future” at a RMBS workshop at this University during 2019-2020.

Lecture by Faculties in Conferences / CME'S / Seminars

- Dr.N.Kabilan delivered a Lecture on “Traditional Medicine - "Research in Siddha Medicine: The way Ahead" as Plenary Speaker in RUSA 2.0 Sponsored Two days International workshop on Biomedical Applications in Translational Research (BATR-2019) - Department of Biomedical Sciences, Alagappa University, Karaikudi on 6th and 7th, June – 2019
- Dr.N.Kabilan delivered a Lecture on “ Siddha Varmam - A Potential Game Changer in Global Acceptance of Siddha Medicine” as Plenary Speaker in 2nd International Research Conference and Exhibition on Siddha Medicine (2nd IRCESM) held from 5th to 8th of March 2020 organized by the Unit of Siddha Medicine, University of Jaffna, Kaithady, Sri Lanka and Department of Indigenous Medicine, Northern Province, Sri Lanka.

Workshop and Seminars attended by Faculties

1. Dr.K.S.Uma attended National level 2 days Workshop on Intellectual property rights during 2nd and 3rd July 2019 jointly conducted by Tamil Nadu State Council for Science and technology (TNSCST), Government of Tamil Nadu and The TN DR M. G. R. Medical University, Chennai-32
2. Dr.K.S.Uma attended Workshop on Awareness and Hands on Training in Pharmacovigilance for ASU& H drugs organized by Siddha Central Research Institute (Central Council for Research in Siddha), Ministry of AYUSH Government of India Chennai on 20-2-2020.
3. Dr.K.S.Uma attended International Update on COVID-19, organized by The T.N. Dr. M.G.R. Medical University and Indian Medical Association, Tamil Nadu State Branch, and Chennai South held on 17th March 2020.
4. Dr.K.S.Uma attended CME on Transfusion Transmitted Infections Screening – Gaps and challenges conducted by Department of Transfusion Medicine, The T.N. Dr. M.G.R. Medical University on 3rd April 2019.
5. Dr.K.S.Uma attended Guidance and parameters for NAAC Accreditation for Health Universities conducted by The T.N. Dr. M.G.R. Medical University on 22-02-2019.

Additional duty:

- Dr.N.Kabilan, MD(S) was deputed as Deputy Controller of Examination i/c, MBBS from January 2020 to till date
- Dr.K.S.Uma, MD(S) was deputed as Deputy Controller of Examination i/c, Pharmacy & Physiotherapy from 2018 to October 2019
- Dr.G.Bharthkumar, MD(S) was deputed as Deputy Controller of Examination i/c, Indian Medicine from 01.06.2014 to till date.
- Dr.K.Rajalakshmi, MD(S) was deputed as Deputy Controller of Examination i/c, Allied Health Sciences (PG) from November 2019 to till date.

On Going Projects

- Dr.N.Kabilan.- Research Grant –Sanctioned Rs.38,28,780/- (Rupees Thirty Eight Lakhs twenty eight thousand seven hundred and Eighty only). Received 1st installment of Rs.22,21,800/- (Rupees Twenty two Lakhs twenty one thousand and eight hundred only) from the Ministry of AYUSH for the EMR Project entitled “Evaluation of Cyto Toxic and Anti-Proliferative activity of a Siddha Herbo-Mineral Formulation Sanda Rasa Parpam (SRP)”. **The project is ongoing.**
- Dr.K.Rajalaskhmi received research grant from University finance committee approved the project on “Screening of anti-microbial activity of Siddha formulations used for respiratory and gastro- intestinal disorders”. **The project is ongoing.**
- Dr.K.S.Uma - Research Grant -Received Rs 50,000/- from the University Research Council, The T.N. Dr. M.G.R. Medical University for the Project entitled “Assessment of Clinical Efficacy of Sarpagandha Chooranam Vs Kuruthiazhal Chooranam in the management of Ratha Kothippu / Essential Hypertension - A Comparative Study”. **The project is ongoing.**
- Dr.N.Kabilan - Research Grant -Received Rs 50,000/- from the University Research Council, The T.N. Dr. M.G.R. Medical University for the Project

entitled “Particle Size Estimation and Evaluation of Molecules Structure of Selected Siddha Mineral Drugs” - **The project is ongoing.**

Publications

- T. Purushoth Prabhu, S. Ravichandran, **N. Kabilan, K.S.Uma, E.M.Manigkantan**, “Larvicidal Activity And Molecular Effect Of Stem/ Leaf Extracts Of Opuntia Dillenii Against Dengue Vector Aedes Aegypti” Journal of Global Trends in Pharmaceutical Sciences. J. Global Trends Pharm Sci, 2019; 10 (2): 6136 – 6143.
- D.Sivaraman, N.Anbu, **N.Kabilan**, M.Pitchiah Kumar, P.Shanmugapriya, G.J.Christian, “Review on Current Treatment Strategy in Alzheimer’s Disease and Role of Herbs in Treating Neurological Disorders” – International Journal of Translational Research in Indian Medicine, Jan - April; 2019 1(1): (P) 33 – 43
- T. Purushoth Prabhu, S. Ravichandran, **N. Kabilan, K.S.Uma, E.M.Manigkantan**, Chandra Bose, “ Larvicidal Activity and Molecular Effect of Stem/ Leaf Extracts of Opuntia Dillenii a gainst Dengue Vector Aedes Aegypti “Journal of Global Trends in Pharmaceutical Sciences, 2019; 10 (2): 6136 – 6143
- Sivaraman D, Anbu N, **Kabilan N**, Pitchiah Kumar M, Shanmugapriya P, Christian GJ. “Exploration of Anti-Urolithiasis Potential of Traditional Siddha Formulations Amukkara Chooranam and Karisalai Karpam Chooranam by Struvite Crystal Growth Inhibition Assay” Pharmacognosy Journal, Vol 11, Issue 4, Jul-Aug, 2019:683-688.
- K. Rajamaheswari*, K. Arunachalam, K. Venkateswaran and **N. Kabilan**, “Assessment of Anti-oxidant potential of Siddha medicine Singi Chenduram by DPPH free radical scavenging assay”, European Journal of Biomedical AND Pharmaceutical sciences, 2019, Volume 6, Issue 3, 456-458.
- Elankani P, Murugammal S, Shakila R, Pitchiahkumar M, **N.Kabilan**, “Chemical Standardization of Thetran Vithai Kutinir Chooranam - An Antidiabetic Siddha Polyherbal Formulation” Pharmacog J. 2019;11(5):1106-13.
- R Ajantha and **N Kabilan**, “Review of Bhavana Panjankula Thailam: A siddha medicine” Journal of Pharmacognosy and Phytochemistry 2019; 8(6): 655-658

- P Elankani, G Dayanand Reddy, M Pitchiah Kumar, **N Kabilan**, R Ganesan, G Vnarasimha Kumar, K Dhanaraj, K.Bhavani “ Evaluation of Acute and Sub acute toxicity of Siddha formulation of Thetranvidhai kudineer” International Journal of Pharmaceutical Research | Oct - Dec 2019 | Vol 11 | Issue 4
- Ragavaneer Asokan, **Kabilan Natarajan**. Nilavaagai Chooranam – “A Siddha Herbal Medicine” , International Journal of Ayurveda and Pharma Research. 2019;7(11):70-76
- Ajantha R., Ishwarya K., **Manikgantan E.M.** and **Kabilan N.** -“In-Vitro Screening for Acetylcholinesterase Enzyme Inhibition Potential and Anti-Inflammatory Activity of Maldevi Chenduram: Therapeutic Lead for Neurological Diseases”, World Journal of Pharmacy and Pharmaceutical Sciences Volume 9, Issue 3, 1439-1447 (ISSN 2278 – 4357 SJIF Impact Factor 7.632)
- P. Elankani , G. Dayanand Reddy, **N. Kabilan** , Pitchiah Kumar , R. Ganesan , G. V. Narasimha Kumar and Dasari Pitchaiah, ‘Evaluation of the Anti-Diabetic Activity of Thetran Vidhai Kudineer on Fructose and Streptozotocin Induced Diabetic Rats”, IJPSR, 2020; Vol. 11(5): 2282-2292.

Members in Various Academic Bodies

- Dr.N.Kabilan is a member of “Institutional Ethical Committee” of the Government Siddha Medical College, Chennai since 2012.
- Dr.N.Kabilan is a Member in the Ayurveda, Siddha & Unani Drugs Technical Advisory Board (ASUDTAB) in the category of Academician by the Govt. of India.
- Dr.N.Kabilan is a Member, Board of Studies (Siddha), Kerala University of Health Sciences, Trissur from 2018.
- Dr. N.Kabilan is a President, Faculty of Siddha, The Tamil Nadu Dr MGR Medical University, Chennai from July 2019.
- Dr.N.Kabilan is a Member in the Siddha Pharmacopeia Committee in the category of Academician by the Govt. of India from April 2020.
- Dr.K.S.Uma is a Member, Board of Studies (Siddha), The Tamil Nadu Dr MGR Medical University, Chennai from July 2019

- Dr.K.Rajalakshmi is an Executive Member in the Central Council of Indian Medicine, New Delhi from 2015.
- Dr.K.Rajalakshmi is Co-Chairman for the University affairs committee at CCIM
- Dr.K.Rajalakshmi is NAAC , Subcommittee member for Siddha
- Dr.K.Rajalakshmi is GOI , the Ministry of AYUSH Nominated as one of the expert panel member for drafting the International Standardized Terminologies of Siddha Medicine for inclusion in ICD11 by WHO

Paper presentation

1. Evaluation of effect of Siddha Varma therapy for the management of Azhal Keel vayu / Osteo Arthritis in National conference on Siddha Varmam-2019 conducted by Department of Sidha, The T.N. Dr. M.G.R. Medical University. Chennai at silver Jubilee Auditorium on 4th and 5th July 2019.
2. Effect of Siddha Varmam for the Management of Lumbar spondylosis, Disc bulge - Observational Study in A National conference on History of varmam science in Siddha system of Medicine & exploring its Therapeutic values conducted by National Institute of Siddha at Chennai on 22 nd and 23 rd August 2019.