

The Tamil Nadu Dr MGR Medical University

Department of Siddha

Annual report 2017 -2018

The Department of Siddha of The Tamil Nadu Dr. M.G.R. Medical University has been started from November 2007 onwards. The main objective to start the Department in this University is to standardize the Siddha drugs, Clinical Research in the field of Siddha and to provide Quality Education and Research. The Department is marching forward towards the goals.

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 fulfill the needs of the affiliated Institutions for their Drug Standardization. Postgraduate students and Researchers can utilize the facilities of the laboratory. The expand of the Lab is going on.

There are five 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 2017-18, the Postgraduate students utilized the Drug Standardization Laboratory for their dissertation. In this year 36 Postgraduate students have done their Physiochemical and Phyto chemical analysis in this Drug Standardization Laboratory and Rs.37,325/- (Rupees Thirty seven thousand three hundred and twenty five only) earned from the Drug Standardization Laboratory.

Courses

The department of Siddha runs the course titled “Fellowship in Standardization of ISM Drugs” for Under Graduate doctors in Siddha, Ayurveda and Unani. The duration of Course is one year and the intake is 5 numbers. First batch 2016-2017, Five students completed their course successfully. In the Academic year 2017-18, two students joined the course.

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 21-2-2014.

Timings

The department of Siddha faculties are 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 department of Siddha has to prepare the indent for Medicines which will be supplied by Arignar Anna Government Hospital of Indian Medicine Pharmacy. In this year (2017-2018) **461 Kg** of medicines was received from 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

3078 patients have been attended the OPD from April 2017 to March 2018. 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)	Mrs. J.Chitra, lab Assistant
Tuesday	Dr.E.M.Manikgantam, MD(S)	Mrs. J.Chitra, lab Assistant
Wednesday	Dr.K.S.Uma, MD(S)	Mrs. J.Chitra, lab Assistant
Thursday	Dr.K.Rajalakshmi, MD(S)	Mrs. J.Chitra, lab Assistant
Friday	Dr.G.Bharthkumar, MD(S)	Mrs. J.Chitra, lab Assistant

Workshop on Research Methodology & Bio-statistics:

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	24.04.2017 to 28.04.2017	24 th Workshop on "Research Methodology and Bio-statistics"	60

2	03.07.2017 07.07.2017	to	25 th Workshop on "Research Methodology and Bio statistics"	26
3	19.02.2018 23.02.2018	to	26 th Workshop on "Research Methodology and Bio statistics"	62

So far twenty six batches of "Research Methodology and Bio statistics" Workshop for AYUSH Post- Graduates and Researchers were conducted since 2010 and totally 1400 Postgraduates of Siddha, Homeopathy and Yoga & Naturopathy have been benefited so far.

One day workshop on “Hands on Training in Excel”

First One day workshop on “Hands on Training in Excel” is conducted on 22nd September 2017 at Senate Hall at first floor. The participants are Faculties. 23 participants from various Institutions attended the workshop and benefited.

Dengue Awareness Program

The Dengue Awareness Program was conducted on 26.10.2017 at Senate Hall for creating awareness among our University Staff. The Director of Public Health depute two Doctors to deliver a lecture about Dengue Awareness

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. Three Faculties have got the Guideship for Research program.

Lectures by Faculties in University:

- Dr.N.Kabilan delivered three lectures on “Introduction to AYUSH- Research” at a RMBS workshop at this University during 2017-2018.
- Dr.K.S.Uma delivered three lectures on “Medical Ethics in Clinical Research” at a RMBS workshop at this University during 2017-2018.
- Dr. E.M. Manikantan delivered three lectures on “How to Write the Dissertation” at a RMBS workshop at this University during 2017-2018.

- Dr. K. Rajalakshmi delivered three lectures on "Writing a Research Protocol" at a RMBS workshop at this University during 2017-2018.
- Dr.G.Bharthkumar delivered four three lectures on "Research in AYUSH past, present and Future" at a RMBS workshop at this University during 2017-2018.

Lecture by Faculties in Conferences / CME'S / Seminars

- Dr.N.Kabilan gave a Lecture on "Therapeutic aspects of Pinsuvathi Varmam and Kaipoottu Varmam" in National Conference on Pura Maruthuvam External Therapies in Siddha System of Medicine (NCPM 2017) organized by the Siddha Regional Research Institute, [Under Central Council for Research in Siddha, Ministry of AYUSH, GoI], Puducherry - 605013. on 9th & 10th December 2017.

Paper presented by Faculties in Conferences / CME'S / Seminars

- Dr.K.S.Uma - "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 Medicine (NCPM-2107) organized by the Siddha Central Research Institute, Puduchery on 9th & 10th Dec 2017.
- Dr.K.S.Uma - "Preventive aspects and Role of Siddha Medicines in the management of Essential Hypertension – A Review" of Siddha Day organized by the Siddha Central Research Institute, National Institute of Siddha at The T.N. Dr. M.G.R. Medical University. Chennai on 4th January 2018.
- Dr.K.S.Uma - "Holistic Management of 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.

Paper presented by Faculties International conference paper

- Rajalakshmi. Presented a paper on Siddha Pharmacotherapy for renal stones with Sindhu vallathy Mezhuagu(SVM) and Kalladaippu Kudineer (KK)- a non randomized open clinical trial at the 1st International AYUSH conference & Exhibition 2017 ,9-11th November at Dubai and won first place for the best poster presentation award.
- Dr.K.S.Uma - "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 – 27th February 2018.

Workshop and Seminars attended by Faculties

- Dr.K.S.Uma, was attended State Conference on Telemedicine, Telemedicine 2017-Healthcare 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 21st October 2017.
- Dr.K.S.Uma, was attended Hands on training in Excel conducted by Department of Siddha, The TN DR M. G. R. Medical University, Chennai-32 on 22nd Sep 2017.

Additional duty:

- Dr.E.M.Manikgantan, MD(S) was deputed as Deputy Controller of Examination i/c, Dental from December 2015 to till date.
- 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 25.02.2016 to till date.

On Going Projects

- Dr.K.Rajalaskhmi received research grant from University finance committee approved 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.**

Proposal Submitted

- Dr.K.S.Uma - EMR Proposal Submitted to Ministry of AYUSH entitled on ‘Standardization and Preclinical Safety and Anti-Obesity Efficacy of Plain Amukkura Chooranam Vs Aswathi Chooranam on High Fat Diet induced Obesity rats’ on Sep 2017

- Dr.N.Kabilan - EMR Proposal Submitted to Ministry of AYUSH entitled on “Preparation of Standard Research Protocol Guidelines for Non Communicable Diseases in Siddha System of Medicine” on Sep 2017

Publications

1. **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.
2. Karthikeyan Nagarajan., Kabilan Natarajan, **Uma**. Preliminary Phytochemical Analysis of a Polyherbal Siddha formulation-Rojamoggu Lehyam. International Journal Of Current Advanced Research. June 2017; 6(6): 4434-7.
3. S. Kalpana , Junior Sundaresh , **K. S. Uma**, S. Geethalakshmi. Health care waste management Practices in private hospitals in Chennai. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) Aug. 2017; 16(8):69-74.
4. **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.
5. **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.*
6. **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.
7. 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.
8. 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.
9. **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.
10. **K. S. Uma**, S. Kalpana, N. J. Muthukumar, V. Banumathy, S. Geethalakshmi, T. Balasubramanian. Invitro Antifungal activity of Ten Siddha Formulation against Candida Albicans. Journal of Siddha January 2018; 3(1): 57-62.

11. Kabilan N, Murugesan M , Balasubramanian T, Geethalakshmi S, “ Qualitative and Quantitative Analytical Studies on Poora parpam- A Siddha Medicine” - International Journal of Pharmacognosy and Phytochemical Research 2017; 9(9); 1239-1248
12. N Kabilan , M Murugesan , T Balasubramanian , S Geethalakshmi, “ Physico-Chemical Analysis of Siddha Drug Poora parpam - A Comparative Evaluation between Natural and Synthetic Source” - Euro. J. Appl. Eng. Sci. Res., 2017, 5(2): 26-34

External examiner and Paper Evaluator

1. Dr.K.S.Uma - AYUSH – Standardization of ISM Drugs, Practical / Viva and Poject / Viva Examination at The Tamilnadu Dr.M.G.R. Medical University, Guindy, Chennai-32 on 09.11.2017.
2. Dr.K.S.Uma - Question paper setter for Third Professional B.S.M.S Degree Examinations, Research Methodology and Medical Statistics.
3. Dr.K.S.Uma - Evaluation of answer booklets - Research Methodology and Medicinal Statistics - BSMS Exam Sep 2017 at Santhigiri Siddha Medical College, Kerala on 23rd & 24th Oct 2017

IEC Member

- Dr.N.Kabilan is a member of “Institutional Ethical Committee” of the Government Siddha Medical College, Chennai since 2012.

Pharmacopeia Commission of Indian Medicine

- Dr.N.Kabilan is a Scientific Body Member in the Pharmacopeia Commission of Indian Medicine, Gaziabhad (UP) in the category of Academician by the Govt. of India.

Ayurveda, Siddha & Unani Drugs Technical Advisory Board (ASUDTAB)

- 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.

CERTIFICATE OF PARTICIPATION

1. Dr.N.Kabilan - Certificate of participation in submitting an idea for Smart India Hackathon 17 under the Ministry of AYUSH
2. Dr.K.S.Uma - Certificate of participation in submitting an idea for Smart India Hackathon 17 under the Ministry of AYUSH