

The Tamil Nadu Dr MGR Medical University

Department of Siddha

Annual report 2016 -2017

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. Post-Graduate students and Researchers can utilize the facilities of the laboratory.

There are five projects completed on Standardization of Siddha drugs at this Drug Standardization Laboratory.

From the Academic year 2016-17, the Post-Graduate students utilized the Drug Standardization Laboratory for their dissertation. So far five Post-Graduate students have done their Physiochemical and Phyto chemical analysis in this Drug Standardization Laboratory.

Courses

The department of Siddha started the new course titled “Fellowship in Standardization of ISM Drugs” for Under Graduate doctors in Siddha, Ayurvedha and Unani. The duration of Course is one year and the intake is 5 numbers. The New course and Syllabus was approved by Governing Council. From the Academic year 2016-17, the above Fellowship course started and five 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.

Existing faculties from the Siddha department 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 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. 577.1 Kg of medicines are received from Arignar Anna Government Hospital of Indian Medicine, Chennai for the year 2016-2017 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

4071 patients have been attended the OPD from April 2016 to March 2017. 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.

Clinical laboratory services

Clinical Laboratory services with the available equipments have functioned from September 2015 for the benefit of the patients and the University staff members. This laboratory will perform the routine blood investigations.

71 patients benefited in the laboratory from April 2016 to March 2017. Mr. V. Mohan, Technician Grade III is the in charge of Clinical Laboratory service.

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	25.04.2016 to 29.04.2016	21 st Workshop on "Research Methodology and Bio-statistics"	59
2	06.06.2016 to 10.06.2016	22 nd Workshop on "Research Methodology and Bio statistics"	67
3	06.03.2017 to 10.03.2017	23 rd Workshop on "Research Methodology and Bio statistics"	50

So far twenty three batches of "Research Methodology and Bio statistics" Workshop for AYUSH Post- Graduates and Researchers were conducted since 2010 and totally 1200 Post-Graduates of Siddha Homeopathy and Yoga & Naturopathy have been benefited so far.

Continuous Medical Education (CME) Program

The Department of AYUSH, Govt. of India, New Delhi sanctioned Rs.14,00,000/-(Rupees Fourteen Lakhs) for conducting two Six day CME for ASU Faculties on “Research Methodology” and Orientation Training Programme(OTP) for Non AYUSH Doctors.

The Department of Siddha conducted the CME from 26.09.2016 to 01.10.2016.The faculties from various Organization took lecture classes on various topics. 28 participants from Siddha, Ayurvedha and Unani Faculties was participated the CME.

The Department of Siddha conducted the OTP from 13.02.2017 to 18.02.2017.The faculties from various Organization took lecture classes on various topics. 21 participants from Non AYUSH Doctors was participated the CME. This is the first OTP for Non AYUSH Doctors about Siddha System.

Two Days Workshop on “Introduction on E-Learning in Education”

First Two Days Workshop on “Introduction on E-Learning in Education” is conducted on 2nd & 3rd March 2017 at Lecture Hall at fourth floor. The participants are Faculties. 38 participants from various Institutions attended the workshop and benefited.

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 programme from the academic year 2008 – 2009 in the Faculty of Siddha under this University.

One candidate from other institute has been registered in this Department under the Faculty of Siddha and undergoing the PhD programme.

Completed Ph.D :

All the five faculties of this Department have completed the part-time Ph.D programme.

Lectures by Faculties in University:

- Dr.N.Kabilan delivered three lectures on “Introduction to AYUSH-Research” at RMBS workshop at this University during 2016-2017.
- Dr.K.S.Uma delivered three lectures on “Medical Ethics in Clinical Research” at RMBS workshop at this University during 2016-2017.
- Dr. E.M. Manikgantan delivered three lectures on “How to Write the Dissertation” at RMBS workshop at this University during 2016-2017.
- Dr. K. Rajalakshmi delivered three lectures on "Writing a Research Protocol” at RMBS workshop at this University during 2016-2017.
- Dr.G.Bharthkumar delivered four three lectures on “Research in AYUSH past, present and Future” at RMBS workshop at this University during 2016-2017.

Lectures presented by Faculties in Conferences / CME’S / Seminars

- Dr.K.S.Uma, presented a paper on “Evaluation of sub acute toxicity (oral) of seenthil sarkkarai in wistar albino rats” National conference on Management of Urogenital Diseases through Siddha system of Medicine (MUSSM-2016) organized by Siddha Central Research Institute, Thiruvananthapuram on 9th October 2016.
- Dr.N.Kabilan gave a Lecture on “*Naadi* (Pulse) Diagnosis in Siddha” in the National Seminar on Diagnosis is organized by Central University of Tibetan Studies (CUTS), Sarnath, Varanasi from 10th to 12th February 2017.
- Dr.N.Kabilan gave a Lecture on “Varmam- Sagana Vatham” in CME program funded by Ministry of AYUSH, Government of India is organized by Government Siddha Medical College, Chennai-106 on 23.03.2017.

Workshop and Seminars attended by Faculties:

- Dr.K.S.Uma, was attended National Workshop on “Varmam Treatment for Nervous Diseases affecting Panchenthriyagal” organized by Varmanium Foundation, Kanyakumari on 26th & 27th August 2016.
- Dr.N.Kabilan, Dr. E.M. Manikgantan, Dr.K.S.Uma and Dr.G.Bharthkumar were attended Workshop on “Human Capital Management - Augmenting Leadership Capabilities” on 15th November 2016 organized by Department of Medical education and Curriculum Development, The TN DR M. G. R. Medical University, Chennai-32
- Dr.K.S.Uma, was attended Workshop on “Introduction on E-Learning in Education” March 2nd & 3rd 2017 organized by Department of Siddha, The TN DR M. G. R. Medical University, Chennai-32.
- Dr.K.S.Uma and Dr. E.M. Manikgantan were attended 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.
- Dr.K.S.Uma, was attended CME on Skill Development on Herbal formulations to meet regulatory compliance” conducted by Asthagiri Herbal Research foundation, Chennai between 7th-12th Nov 2016.
- Dr.N.Kabilan, Dr.K.S.Uma and Dr. E.M. Manikgantan were attended 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

Additional duty by Faculties:

- 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) has been deputed as Deputy Controller of Examination, Allied Health Sciences (PG) from 25.02.2016 to till date.
- Dr.N.Kabilan, MD(S) was the Head of the Department of Epidemiology in charge from 11.12.2015 to 08.03.2017.

Research Projects by Faculties:

- Dr.K.Rajalaskhmi received research grant from The State council for Science and Technology (TNSCST) Science &Technology project on “Comparative study on the changes in HbA1c Levels in pre-diabetic and diabetic individuals treated with Aavirai kudineer a Siddha formulation –non randomized open clinical study”. **Completed.**
- 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. E.M. Manikantan as co-investigator and the Principal, PSG college of pharmacy as investigator were received research grant from Ministry of AYUSH under EMR scheme for “Standardization ,Validation, Toxicity and efficacy studies on Sangu Parpam and Arathai Chooranam” . **The project is ongoing** from January 2017.

Projects submitted for funding by Faculties:

- Dr.K.Rajalaskhmi- Study on cytotoxic potential and complementary effects of Siddha herbo-mineral regimen in cervical cancer patients under chemo radiation - An integrated clinical approach submitted to MINISTRY OF AYUSH, NEW DELHI (**project is under review**)
- Dr.N.Kabilan, submitted a proposal to the Ministry of AYUSH under Grant-in-aid for promotion of AYUSH interventions in Public Health Initiatives for “**Establishment of Women's Wellness Siddha Clinic, in Guindy Taluk, Chennai District, Tamilnadu**”. (**project is under review**)

Publications by Faculties:

1. **N. Kabilan**, M. Murugesan, “Anti-ulcerogenic potential of Natural and Synthetic Poora Parpam against Indomethacin induced Gastric Ulcer in Wistar Rats” World Journal of Pharmacy and Pharmaceutical Sciences, Volume 5, Issue 12, 905-916. SJIF Impact Factor 6.041, ISSN 2278 – 4357
2. **N. Kabilan**, M. Murugesan, “Hepatoprotective Activity of Natural And Synthetic *Poora Parpam* against Carbon Tetrachloride Induced Hepatotoxicity in Wistar Rats”, World Journal of Pharmacy and Pharmaceutical Sciences, Vol. 5, Issue 8, 1822-1831 ISSN 2278 – 4357
3. **N. Kabilan**, M. Murugesan, “In vivo Evaluation of Analgesic, Antipyretic and Anti-inflammatory potential of Siddha Formulation Natural and Synthetic Pooraparpam in selective Rodent Model”, Journal of Chemical and Pharmaceutical Research, 2016, 8(4):643-656, ISSN : 0975-7384
4. **Dr.K.S.Uma**, ”Evaluation of sub acute toxicity (oral) of seenthilsarkkarai in wistar albino rats” World Journal of Pharmaceuticals and life sciences, Dec 2016
5. **Dr.K.S.Uma**, “Preliminary phytochemical analysis of Siddha formulation – Parangipattai Kudineer” European Journal of Biomedical and pharmaceutical” sciences Jan 2017
6. **Rajalakshmi. K.** “Screening of anti- microbial activity of selected Siddha formulations against respiratory pathogens” , Asian J Pharm Clin Res, Vol 9, Issue 2, 2016, 267-270
7. **Rajalakshmi K.***, Christian G.J. , Shanmugapriya P , Jeeva Gladys R. – “A review on Siddha formulation Adathodai manappaagu in the management of dengue fever” World Journal of Pharmaceutical Research ISSN 2277– 7105 Vol 5, Issue 5, 2016.
8. **Dr.E.M.Manikgantan,-** “Herbal formulation of vaivilangam chooranam : An approach for the treatment of anthelmintic in Indian children” Asian Journal of phytomedicine and clinical research 2016.

- 9. Dr.E.M.Manikgantan, - “Toxicity study of vaivilangam chooranam”,**
International Journal of medicine and health profession research 2017

External examiner and Paper Evaluator by Faculties:

- External Examiner and Paper evaluator for Sirappu Maruthuvam Final BSMS Feb 2017 at Santhigiri Siddha Medical college by Kerala University for Health Sciences

Memberships by Faculties:

IEC Member

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

CCIM Member

- Dr. K. Rajalakshmi is elected as member for Central Council for Indian Medicine for the tenure from 12-7-2016 to 11-7- 2019

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.