

Citizen's Charter

CENTRAL COUNCIL FOR RESEARCH IN SIDDHA
SCRI Building, Anna Govt. Hospital Campus,
Arumbakkam, Chennai – 600 106.
Phone No. 26211621, 26212421 Fax: 044-26211621
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Ministry of AYUSH, Govt. of India

CENTRAL COUNCIL FOR RESEARCH IN SIDDHA

1. INTRODUCTION:-

For the development of Siddha system of Medicine, Govt. of India, by bifurcating the erstwhile CCRAS, formed CCRS (Central Council for Research in Siddha) with its headquarters in Chennai and five Research Institutes/Units in three states namely, Tamil Nadu (Chennai, Mettur & Palayamkottai), Puducherry (Puducherry) and Kerala (Thiruvananthapuram). Siddha is a science of holistic health emphasizing both drug and diet for human health care.

The research activities of the Council include research on clinical, drug, literary, ethno medical survey through their peripheral institutes/units located in Tamil Nadu, Puducherry and Kerala. Their address list and activities are annexed. (Please see Annexure-I)

The Council is also undertaking collaborative research works with many other institutions. (Please see Annexure-II)

2. OUR MISSION & VISION:

The Mission

The Council has a mission to meet the national as well as global needs in health care through evidence based research in Siddha system of medicine and also to find the new interventions for excellence and global leadership in the field of diagnosis, prevention and management of diseases by Siddha research activities.

The Vision

The Council has the vision of preservation and transmission of knowledge and enhancement of the quality of research for developing drugs with quality, safety and efficacy through well-established preclinical and clinical research facilities --- to prevent / manage /cure the diseases of varied etiology.

3. OUR COMMITMENTS

- To undertake scientific research works in Siddha in a time-bound and cost-effective manner.
- To coordinate, aid, promote and collaborate research with different units of sister Councils and research organizations.
- To provide consultancy services for research projects and drug development (adopting both classical and modern techniques/equipments for diagnosis, evolving evidence based Siddha

drug treatment/therapy and promoting Siddha drug manufacture in collaboration with the other technical organizations.)

4. OUR OBJECTIVES

- To formulate research program and projection in Siddha system of medicine in a scientific manner.
- To initiate, aid, develop and coordinate scientific research in different aspects, especially fundamental and applied aspects of Siddha.
- To prove the efficacy of the Siddha drugs through preclinical and clinical evaluation by the way of modern techniques/investigations.
- Standardization of Siddha drugs (Single / compound formulations).
- To publish research articles/papers in journals, to exhibit achievements and to propagate Siddha research outcomes for all the stakeholders.

5. OUR ACTIVITIES AND ACHIEVEMENTS:

The activities and achievements of CCRS is mainly in the area of clinical research including Health Care Research, Drug Research including Medico-Ethno-Botanical survey programme, Cultivation of Medicinal Plants, Drug standardization, Pharmacology/ Toxicological Studies and Literary Research along with Documentation and Publication.

Efficacy of drugs like Suyamagni chenduram for Peptic ulcer, coded drugs of RGX, VK2, SKX for Putru noi, 777 oil for Psoriasis, Ponnimilai chenduram, Ayabringaraja karpam, G1 – churanam for Leucoderma, D5 – churanam for Diabetes mellitus, Annabedhi chenduram for Iron deficiency anaemia, Rasagandhi melugu for Karuppai sathai kattigal, Sirupeelaiyadhi kudineer for urolithiasis have been proven.

Botanical and chemical standardization, pharmacological and toxicological studies of various drugs are carried out. Through Medico ethno botanical study, **256** plants covering **169** species representing **155** genera in **96** families. Around **840** folklore claims are recorded and documented.

Herbarium with around 11,000 herbarium specimens covering **1176** species is accommodated in the Survey of Medicinal Plants Unit-Siddha, Herbarium hall at Palayamkottai. There is also a permanent Museum with 800 specimens is preserved in the Survey of Medicinal Plants Unit-Siddha, at Palayamkottai.

The Council has obtained patent for 777 oil – a medicated oil for Psoriasis (Patent granted no. 166740).

6. STANDARDS OF SERVICES/FACILITIES AVAILABLE IN OUR PERIPHERAL INSTITUTES / UNITS

SIDDHA CENTRAL RESEARCH INSTITUTE, CHENNAI:

Established in the year 1971, this institute conducts clinical research with the help of OPD/IPD, Pathology and Biochemistry departments, drug research with the Chemistry, Pharmacognosy and Pharmacology departments and literary research. This institute has its own pharmacy.

Standard of Services:

This institute is providing medical care to patients seeking Siddha medicines through its OutPatient and In-Patient Departments (OPD & IPD). The laboratory investigations are free only for

patients below poverty line, senior citizens reporting to Geriatric OPD and those participating in research projects. OPD registration fees of Rs.10/- and the fees for investigations as fixed by the Council from time to time are applicable to other patients.

Out Patient Department (OPD):

- General OPD functions from 8.00 am to 12.00 noon every day. **Special OP services :**
- Diabetes Mellitus OP on Mondays.
- Geriatric OP on Tuesdays.
- Varmam and Thokkanam on all days. Timing : 8.00.am. to 12.00 noon **In-Patient**

Department (IPD):

- 50 - bedded hospital
- Patients willing to participate in Research Projects are admitted in IPD wards available separately for both males and females and treated free of cost.
- Visitors are allowed only between 4.00 pm and 6.00pm.

Investigation facilities / Laboratories:

- The facilities for pathological and bio-chemical tests are available from 8.00 am to 11.30 am.
- Investigation facilities to the OPD/IPD research cases, senior citizens reporting to Geriatric OPD and patients below poverty line are provided free of cost.
- The charges for investigation as fixed by the Council will be collected from the patients of general category.
- The investigations include X-Ray, Clinical Pathology and Biochemistry.

Other facilities:

- Wheel chairs and walkers are available
- Generator is available for uninterrupted power supply
- Adequate drinking water and toilet facilities are available ➤ Lift is available

Information Display:

- Signage indicating OPD/IPD and various departments are fixed at relevant places.
- There is one enquiry cum registration counter
- Any information regarding OPD/IPD is available over phone No.044-26214925. **Emergency:**

In case of emergency, needing conventional treatment, the patients are referred to KMC/Anna peripheral hospital/Govt. hospital, Chennai.

Other Services:

Providing services like authentication, standardization, pharmacological studies of drugs to the research scholars / students through departments of Pharmacognosy, Chemistry and Pharmacology respectively. Charges for different types of service are annexed (Please see Annexure-III).

Herbarium and Museum:

120 Herbarium specimens and 150 raw drugs are being maintained.

Library Services:

This institute has literary research and documentation department(LR&DD). In the library, 2200 Manuscripts, 3507 books of Siddha and various subjects and 460 back volumes are maintained. Publications are available for sale with considerable discount for students / research scholars. The price list of the publications are annexed (Please see Annexure-IV).

SIDDHA REGIONAL RESEARCH INSTITUTE, PUDUCHERRY:

Established in 22nd August, 1979, this institute is functioning in its own premises at Kuyavarpalayam, Puducherry since 2003 with a well maintained campus and picturesque herbal garden having around 150 medicinal plants. This attracts the public, students and research scholars of other institutes.

Standard of Services:

Siddha Regional Research Institute (SRRI), Puducherry conducts clinical research and provides health care for various diseases through Siddha system of medicine as an adjunct to research pursuits.

Out Patient Department (OPD):

- General OPD functions from 8.00 am to 12.00 noon every day.
- OPD remains closed on Sundays, Second Saturdays and Gazetted holidays.

Special OP Services:

- Geriatric OP on Tuesdays
 - Varmam and Thokkanam on all days
- Timing: 8.00.am. to 12.00 noon

In-Patient Department (IPD):

- 25 - bedded hospital
- Patients willing to participate in research projects are admitted in IPD wards available separately for both males & females and treated free of cost.
- Visitors are allowed only between 4.00 pm and 6.00 pm.

Investigation Facilities / Laboratories:

- The facilities for pathological and bio-chemical tests are available from 8.00 am to 11.30 am.
- Investigation facilities are provided free of cost to the OPD/IPD research cases, senior citizens reporting to Geriatric OPD and patients below poverty line.
- The charges for investigation as fixed by the Council will be collected from the patients of general category.
- The investigations are done by departments of Clinical Pathology and Biochemistry.

Miscellaneous facilities

- Wheel chairs and walkers are available
- Generator is available for uninterrupted power supply
- Adequate drinking water and toilet facilities are available

Information Display:

- Signage indicating OPD/IPD and various departments are fixed at relevant places.
- There is one Enquiry Counter cum Registration Counter
- Any information regarding OPD/IPD is available over phone 0413 - 2245072

Emergency:

- There is no provision for emergency services; however one duty doctor is available during day time. In case of emergencies, doctor will be available on call on duty.
- In case of emergency requiring conventional treatment, the patients are referred to JIPMER / Govt. hospital, Puducherry.

Books for Sale:

CCRS research publications in Tamil/ English/ Hindi are available for sales with considerable discounts for students/ research scholars.

SIDDHA REGIONAL RESEARCH INSTITUTE, THIRUVANANTHAPURAM:

- In 1986, a Clinical Research Unit (Siddha) was established at Poojapura, Thiruvananthapuram.
- The Siddha Regional Research Institute (SRRI), Poojapura, Thiruvananthapuram was established in the month of November 2010, by merging the Drug standardization unit (Siddha) and Clinical Research Unit (Siddha).

SERVICES AVAILABLE:**Out Patient Department (OPD):**

- General O.P.D: - 9.30 am to 12.30 pm every day except Sundays, Second Saturdays and Government holidays.

Special OP Services :

- Geriatric OP on Tuesdays
- Varmam on Tuesdays, Thursdays and Saturdays
Timing: 9.30 am to 12.30 pm

Drug Research:

- Drug standardization programme is done for evolving standards of single drugs and compound formulations used in Siddha system of medicine, and for establishing the pharmacopoeial standards.
- Phyto-chemical investigations of single drugs as well as compound formulations.

SIDDHA CLINICAL RESEARCH UNIT, PALAYAMKOTTAI

Established on 6th February 1980, this clinical unit focuses on clinical research.

SERVICES AVAILABLE:

Out Patient Department (OPD):

- General O.P.D: - 7.30 am to 12 noon every day except Sundays, Second Saturdays and Government holidays.
- Geriatric O.P.D: - 7.30 am to 12 noon on Tuesdays.

In-patient Department (IPD):

- 10 beds have been allotted for SCRUI in the IPD of GSMC, Palayamkottai (5 for male & 5 for female)
- Patients willing to participate in research projects are admitted in IPD wards available separately for both males & females (Tamil Nadu Government has provided these facilities).

Investigation facilities/Laboratories:

- The facilities for pathological and bio-chemical investigations are provided by the TamilNadu Government free of cost.

SIDDHA MEDICINAL PLANTS GARDEN, METTUR

Management and Development of Siddha Medicinal Plants Garden:

Maintenance and development of Siddha Medicinal Plants garden including Model herbal garden I and II, Arboretum, and Polygreen house.

Developed a model garden-I with 236 individual species and an Arboretum with 483 trees covering 176 species. Added 369 live plants in the **Polygreen house** covering **314 species** including **31 RET** sp.

Cultivation of medicinal plants.

Undertook major cultivation of 7 medicinal plants and trial cultivation of 5 medicinal plants.

NMPB project:

Construction of petaloid pond with fountain to grow aquatics along with the establishment of a model herbal garden Phase-II.

Medico ethno botanical study.

Medico- ethno -botanical study was carried out to assess the medicinal plant wealth and to supply drugs to CCRS institutes. In addition to the collection of medicinal plants, live plants/seedlings are also collected to introduce / add in the Siddha Medicinal Plants Garden, Mettur dam.

Nursery:

A nursery has been started with 106 medicinal plants catering to the need of medicinal plant growers. The cost of seedlings is at a nominal rate of Rs.10 to 50 only

Herbarium and Museum:

A permanent **Herbarium** with around **11000 herbarium** specimens covering **1176** species is accommodated in the Survey of Medicinal Plants Unit (Siddha) Herbarium hall at Palayamkottai. A permanent **Museum** with 800 specimens is preserved in the Survey of Medicinal Plants Unit (Siddha) Museum hall at Palayamkottai. More than 300 museum samples are collected and preserved at Siddha Medicinal Plants Garden, Mettur dam.

Folklore claims:

Around **840 folklore claims** have been recorded and documented by interacting with the vaidyas and tribal community.

Scientific services:

- Providing botanical identity to the research scholars/students/vaidyas.
- Providing authentic plant material for research scholars with botanical identity and thus generates income to SMPG, Mettur dam.
- Providing library references to students and research scholars.
- Guiding the research students of Arts and Science College and Siddha medical students in pursuing the reference in the office library.
- Participation in Radio / Television programmes to create awareness on medicinal plants and their importance.
- Providing medicinal plant seedlings at nominal cost for the cultivation of medicinal plants.
- Guiding the research scholars/students of Science and Arts College / Matriculation and Higher secondary school and Siddha practitioners who visit the Siddha medicinal plants garden and create awareness on the importance of medicinal plants garden.
- Guiding the public / visitors of Medicinal Plants Garden –Siddha, Mettur Dam and creating awareness on the conservation of medicinal plants and their importance.

Review:

The council intends to review the Citizen's Charter periodically. (For details visit our website)

Complaints & Grievances:

The complaints and grievances may be addressed to:

CENTRAL COUNCIL FOR RESEARCH IN SIDDHA

SCRI Building, Anna Govt. Hospital Campus, Arumbakkam, Chennai
– 600106.

Phone No. 26211621, 26212421 Fax: 044-26211621

Website: www.siddhacouncil.com, www.siddharesearchcouncil.org,
E-mail: ccrschennai@gmail.com
Ministry of AYUSH, Govt.
of India.

For Further information, please contact:

Director General,
CENTRAL COUNCIL FOR RESEARCH IN SIDDHA
SCRI Building, Anna Govt. Hospital Campus, Arumbakkam, Chennai
– 600106.
Phone No. 26211621, 26212421 Fax: 044-26211621
Website: www.siddhacouncil.com, www.siddharesearchcouncil.org,
E-mail: ccrschennai@gmail.com
Ministry of AYUSH,
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**Annexure-I ADDRESSES
OF CCRS INSTITUTES/UNITS AND THEIR ACTIVITIES:**

Sl. No	Name of the Unit	Telephone Nos.	Areas of Research
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1	Director In-charge, Siddha Central Research Institute, Anna Govt. Hospital Campus, Arumbakkam, Chennai-600 106.	Phone: 044 - 2621 4925 Fax: 044 - 26214809 Email:crisiddha@gmail.com	<ul style="list-style-type: none"> ➤ <i>Puttru noi</i> (Cancer) ➤ <i>Kalanjagapadai</i> (Psoriasis) ➤ <i>Santhu vatha soolai</i> (Rheumatoid arthritis) ➤ <i>Manjal kamalai</i> (Infective hepatitis) ➤ <i>Venpadai</i> (Vitiligo) ➤ <i>Neerizhivu</i> (Diabetes mellitus) ➤ <i>Vali gunmam</i> (Peptic Ulcer) ➤ <i>Veluppunoi</i> (Iron Deficiency Anaemia)
2	Asst. Director In-charge Siddha Regional Research Institute Chellaperumal Street Kuyavarpalayam, Puducherry.	Phone: 0413 - 2245072 Fax: 0413 - 2244042 Email: rrisiddha@yahoo.co.in	<ul style="list-style-type: none"> ➤ <i>Vellai</i>(Leucorrhoea) ➤ <i>Karappan</i> (Eczema) ➤ <i>Veluppu</i> (Anaemia) ➤ <i>Gunmam</i> (Pepticulcer) ➤ <i>Peruvayiru</i>(Ascites) ➤ <i>Vathasoolai</i> (Rheumatism) ➤ <i>Venpadai</i>(Leucoderma) ➤ <i>Veluppunoi</i> (Iron Deficiency Anaemia) ➤ <i>Neerizhivu</i> (Diabetes mellitus) ➤ <i>KaruppaisathaiKattigal</i> (Fibroid uterus) ➤ <i>Azhal keel vayu</i> (Osteo arthritis) ➤ <i>Kalladaippu</i> (Urolithiasis)
3.	Research Officer In-charge, Siddha Regional Research	Email: srritvm10@gmail.com	<ul style="list-style-type: none"> ➤ Varmam Therapy
	Institute, Thiruvananthapuram.	Telephone: 0471 - 2341832	<ul style="list-style-type: none"> ➤ Azhal keel vayu (Osteo arthritis) ➤ Neerkovai noi (Sinusitis)

4.	Research Officer In-charge Siddha Clinical Research Unit, Govt. Siddha Medical College Campus, Palayamkottai.	Telephone: 0462 - 2573736 Email: crusiddha.palay@gmail.com	<ul style="list-style-type: none"> ➤ <i>Kakkaivalippu</i> (Epilepsy) ➤ <i>Pandu</i> (Anaemia) ➤ <i>Kazhichal</i> (Diarrhoea) ➤ <i>Muraisuram</i> (Periodic fever) ➤ <i>Gunmam</i> (Peptic ulcer) ➤ <i>Kalanjagapadai</i> (Psoriasis) ➤ <i>Keel vayu</i> (Rheumatic arthritis) ➤ <i>Karappan</i> (Eczema) ➤ <i>Moolam</i> (Haemorrhoids) ➤ <i>Veluppunoi</i> (Iron Deficiency Anaemia)
5.	Research Officer In-charge, Siddha Medicinal Plants Garden, Mettur Dam.	04298-243773 Email:smpgmettur@gmail.com	<ul style="list-style-type: none"> ➤ Management and Development of Siddha-Medicinal Plants Garden ➤ Cultivation of medicinal Plants ➤ NMPB project: ➤ Medico-ethno botanical study

Annexure-II

DETAILS OF COLLABORATIVE RESEARCH

S. No.	University / Institute / Organization	Objectives	Date of Signing & Validity Period	Approval of Headquarter (Letter No.)
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1.	National Institute of Siddha	<ul style="list-style-type: none"> ➤ Clinical studies for establishing evidence based system in Siddha ➤ Drug development, efficacy of drugs, establishing diagnostic methods and other areas of basic medical and allied sciences research ➤ Postgraduate and Doctoral Research project work 	10.09.2008 - 10.09.2013	Signed by Director General
2.	TN DR MGR Medical University	<ul style="list-style-type: none"> ➤ Organizing and participating in joint symposia/ conference/ workshops short term refresher courses ➤ Extending pre clinical toxicology and pharmacokinetics / clinical and trial facilities for bio products 	19.02.09 - 19.02.14	Signed by Director General
3.	ATSVS Siddha Medical College	<ul style="list-style-type: none"> ➤ Digitization of Medical manuscripts 	22.09.2009 22.09.2011	F.13-21/2009-CCRAS/admn/Omm. Dt.5-10-2009 O.O.No 20031/2009
4.	Medical Manuscript Research Center	<ul style="list-style-type: none"> ➤ Digitization of Medical manuscripts 	19.09.2009 19.09.2011	F.No.Z.28016/07/2009IECdt.4-08-09
5.	Centre for Traditional medicine and research	<ul style="list-style-type: none"> ➤ Digitization of Medical manuscripts 	16.03.2011	F.No.Z.28016/4/2010-IEC dt.20.01.2011

Annexure III

DIFFERENT TYPES OF SERVICE CHARGES

General instructions

1. Employees of the Council and their dependents are exempted from all charges.
2. For Senior Citizens (documents to be verified at the discretion of In-charge).
 - a) Registration – free.
 - b) Free for Geriatric population on the day specified.

3. Research Programme cases of Council – exempted from all charges.
4. Patients belong to BPL (Below Poverty Line) (documents to be verified at the discretion of In-charge) – exempted from all charges.
5. Botanical and Chemical analysis for students coming for study purpose – 50% discount shall be given.
6. The Institute circulates drug testing rate list to pharmaceuticals/industries whenever the rates are revised.
7. The Institute issues certificates regarding standardization and testing report (Report is not valid for legal purpose).
8. Printing of receipt books will be done at the institute level subject to the condition that the Sr. of the receipt books are properly maintained.
9. Any other resources if identified by any institute, the concerned In-charge may fix the rate and intimate to the Council.

CENTRAL COUNCIL FOR RESEARCH IN SIDDHA

Approved rate list for different types of service charges

AREA OF RESOURCES		
Sl. No.	IN PATIENT DEPARTMENT (IPD)	Charges (Rs.)
1.	Admission Fee with discharge certificate (for Research cases) Admission status may change as per the Research projects allotted	Free
2.	Diet & Medicine per day (Research cases)	Free

LAB. Investigations:

Haematology		
Sl. No.	Name of the Test	Price
1.	Total Count (TC)	10/-
2.	Differential Count (DC)	10/-
3.	ESR	10/-
4.	Hb%	10/-
5.	Complete Blood Cell Count (CBC)	100/-
6.	Total RBC	15/-
7.	Platelet count	50/-
8.	Blood Grouping	20/-
9.	Clotting Time (CT)	30/-
10.	Bleeding Time (BT)	30/-
11.	Absolute Eosinophil count	50/-
12.	Sputum AFB	20/-
13.	Monteoux Test	20/-
14.	Blood M.P. & M.F.	20/-
15.	Semen Analysis	50/-
16.	V.D.R.L.	20/-

17.	Urine (Routine, Microscopic)	20/-
18.	Urine Bile Salt & Bile Pigment (Each)	10/-
19.	Complete Urine Analysis	30/-
20.	Stool (Ova, Cyst)	10/-
21.	Stool (Occult Blood)	10/-

Bio-Chemistry		
Sl. No.	Name of the Test	Price
1.	Blood Sugar (F)	10/-
2.	Blood Sugar (PP)	10/-
3.	Blood Sugar (Random)	10/-
4.	Blood Urea	10/-
5.	Total Cholesterol	15/-
6.	Serum LDL	10/-
7.	Serum HDL	10/-
8.	Serum Triglycerides	10/-
9.	Serum Uric Acid	20/-
10.	Serum Creatinine	20/-
11.	G.T.T. Test	50/-
12.	HB A ₁ C	130/-
13.	Lipid Profile	50/-
14.	L.F.T. Complete	50/-
15.	C.R.P. Test	80/-
16.	R.A. Test	50/-
17.	Serum Calcium	20/-
18.	R.F.T. (Urea, Creatinine & Serum Electrolytes)	80/-
19.	Thyroid Profile T3, T4, & TSH	150/-
20.	Serum Electrolytes	50/-
21.	Serum Bilirubin	20/-
22.	Serum IgE	100/-
23.	SGOT & SGPT (Each)	20/-
24.	Serum Alkaline Phosphatase	20/-
25.	Serum Total Protein, A/G Ratio	20/-
26.	Serum Amylase	20/-
27.	Acid Phosphatase	20/-
28.	A.S.O.	50/-
29.	Anti – CCP	100/-
30.	VDRL	20/-
31.	Gamma (GT)	20/-
32.	Sr. Phosphorus	20/-
33.	Bio Chemistry Laboratory summer internship training (one month)	1000/-
34.	Antioxidant assay - invitro method (DPPH, Total antioxidant, Pro oxidant, Alkaline DMSO method)	3800/-

X-Ray		
1.	Per view – Plain X-Ray	50/-
2.	X-Ray - Chest (Adult)	50/-
3.	X-Ray - Chest (Child)	40/-
4.	X-Ray - Skull (AP & Lateral view) - Each	40/-
5.	X-Ray Sinus	40/-
6.	X-Ray - Extremities (AP & Lateral view) - Each	50/-
7.	X-Ray - Spine (AP & Lateral view)	90/-
8.	X-Ray - Knee joint (AP & Lateral view) – Each side	50/-
9.	X-Ray - Hip joint (AP)	50/-

LIBRARY CHARGES		
1.	Membership (per annum, non-refundable) (students/research scholars-50% discount admissible)	500/-
2.	Membership (up to 1 month, non-refundable) (students/research scholars-50% discount admissible)	50/-
3.	Taking Reference and Reading books per day	10/-
4.	Taking photocopies (Subject to status of the book)	1/- per page

SPECIFIC MEDICINE		
1.	TAT Powder (100 gm)	15/-

TESTING OF SIDDHA CRUDE DRUGS AND FORMULATIONS

Sl. No.	Name of the Test	Price
1.	Loss on drying at 105°C	50/-
2.	Refractive index	100/-
3.	Acid value	200/-
4.	Saponification value	200/-
5.	Iodine value	200/-
6.	Fat content/oil content	150/-
7.	Peroxide value for nei and tailam	200/-
8.	Rancidity test	100/-
9.	TLC (with photographs)	300/-
10.	HPTLC	1,500/-
11.	GLC (Single component)	500/-
12.	Ash	75/-
13.	Acid insoluble ash	75/-
14.	pH	50/-
15.	Specific gravity	75/-
16.	Total solids	100/-
17.	Alcohol content	200/-
18.	Reducing sugar and Total sugar (each)	200/-

19.	Volatile matter	150/-
20.	Water soluble extractive	75/-
21.	Alcohol soluble extractive	100/-
22.	Assay for Iron	200/-
23.	Assay for Calcium	200/-
24.	Assay for Potassium	200/-
25.	Assay for Sodium	200
26.	Assay for Tin	200/-
27.	Assay for Silver	200/-
28.	Assay for Gold	500/-
29.	Assay for Lead	200/-
30.	Assay for Copper	200/-
31.	Assay for Arsenic	200/-
32.	Assay for Zinc	200/-
33.	Assay for Aluminium	200/-
34.	Assay for Mercury	200/-
35.	Resin content	150/-
36.	Disintegration test	50/-
37.	Standardization of single plant drug as per SPC format	5,000/-
38.	Standardization of single plant drug as per WHO guidelines	7,000/-

IDENTIFICATION OF CRUDE DRUGS / PLANTS		
1.	Raw drugs/Live plants/herbarium specimen (Per plant/specimen)	20/-
2.	Authentication for Research purpose with certificate	40/-
3.	Supply of colored photographs of medicinal plants used in Siddha (Postcard size copy along with label depicting Siddha name, scientific name and parts used) per photograph & postal charges extra	50/-

MICROSCOPICAL STUDY		
1.	Anatomy of raw drugs / Plants (each anatomical part)	1,000/-
2.	Powder Microscopy (Single drug/Poly herbal formulation)	500/-
3.	Quantitative Microscopy	500/-

PHARMACOLOGICAL STUDIES		
1.	Anti-inflammatory activity (carragenin induced paw odema) (time required – 3 days)	2,500/-
2.	Anti – inflammatory activity (cotton pellet granuloma) (time required – 15 days)	5,500/-

3.	Hepato protective activity (time required 20 days)	9,500/-
4.	Nephro protective activity	9,500/-
5.	Anti-ulcer activity	9,500/-
6.	Anti-diabetic activity	9,500/-
7.	Hyperlipidemic activity	9,500/-

TOXICITY STUDY		
1.	Acute toxicity (time required – 6 days)	12,000/-
2.	Sub-Acute toxicity (inclusive of Histopathological charges and determination of biochemical parameters)(time required – 50 days)	20,000/-
3.	Chronic toxicity (inclusive of Histopathological charges and determination of biochemical parameters) (time required – 120 days)	40,000/-

List of nursery plants under sale:

Sl. No	Botanical name	Tamil name	Rate/Plant	
			Rs.	P
1.	<i>Abrus precatorius</i> L.	Kuntrimani		20.00
2.	<i>Achyranthes aspera</i> L.	Naayuruvi		10.00
3.	<i>Aloe vera</i> (L.) Burm (Variegated)	Varikumari		20.00
4.	<i>Aloe vera</i> (L.) Burm.	Kumari		10.00
5.	<i>Alpinia calcarata</i> Rosc.	Chitrarathai		10.00
6.	<i>Alpinia galanga</i> Sw.	Perarathai		20.00
7.	<i>Alternanthera sessilis</i> (L.) R.Br.	Ponnankanni		10.00
8.	<i>Alternanthera tricolor</i> L.	Sikappu ponnankanni		10.00
9.	<i>Andrographis paniculata</i> Nees	Nilavembu		10.00
10.	<i>Anisomeles indica</i> (L.) Kuntze	Peithumbai		20.00
11.	<i>Aristolochia bracteolata</i> Retz.	Atuthinnapalai		20.00
12.	<i>Artemisia nilagirica</i> (C.B.Clarke) Pamp.	Maasipathiri		20.00
13.	<i>Asparagus racemosus</i> Willd.	Thannirvittan		20.00
14.	<i>Azadirachta indica</i> A.Juss.	Vembu		20.00
15.	<i>Bacopa monnieri</i> (L.) Wettst.	Brahmi		20.00
16.	<i>Basella rubra</i> L.	Kodipasalai (Red)		20.00
17.	<i>Bauhinia purpurea</i> Linn.	Mantharai		20.00
18.	<i>Blepharis maderaspatensis</i> (L.)B.Heyne ex Roth	Nenthirappondu		10.00
19.	<i>Biophytum sensitivum</i> DC.	Velichurungi		20.00
20.	<i>Calotropis gigantea</i> R.Br.	Erukku		20.00

21.	<i>Calotropis gigantea</i> R.Br. (White)	Vellai Erukku	20.00
22.	<i>Caralluma umbellata</i> Ham.	Kallimulaiyan	20.00
23.	<i>Caralluma attenuata</i> Wt.	Mankombukalli	50.00
24.	<i>Cardiospermum halicacabum</i> L.	Mudakkartan	10.00
25.	<i>Caryota urens</i> L.	Koonthalpanai	20.00
26.	<i>Cassia alata</i> L.	Seemaigathi	20.00
27.	<i>Cassia occidentalis</i> L.	Thagarai	20.00
28.	<i>Catharanthus roseus</i> (L.) G.Don.	Nithyakalyani	20.00
29.	<i>Celastrus paniculatus</i> Willd.	Valuluvai	100.00
30.	<i>Centratherum punctatum</i> Cass.	Kesavarthini	20.00
31.	<i>Cissus quadrangularis</i> L.	Pirantai	20.00
32.	<i>Clerodendrum inerme</i> (L.) Gaertn.	Sankankuppi	20.00
33.	<i>Clerodendrum phlomidis</i> L.f.	Thazhuthaazhai	20.00
34.	<i>Clitoria ternatea</i> L.	Sangupushpam	10.00
35.	<i>Coccinia grandis</i> (L.)Voigt	Kovaikodi	20.00
36.	<i>Costus pictus</i> D.Don	Insulin chedi	30.00
37.	<i>Crescentia cujete</i> Linn.	Thiruvodu maram	20.00
38.	<i>Curcuma longa</i> L.	Manjal	30.00
39.	<i>Curcuma zedoaria</i> (Berg.)Roscoe	Kichili Kilangu	50.00
40.	<i>Cycas circinalis</i> L.	Madanakamap poo	100.00
41.	<i>Cycas revoluta</i> Thunb.	Madanapoo	50.00
42.	<i>Cymbopogon flexuosus</i> (Nees ex Steud.) W.Wats.	Lemon grass	20.00
43.	<i>Cynoglossum zeylanicum</i> (Vahl) Brand	Ataioitti	20.00
44.	<i>Delonix elata</i> (L.)Gamble	Seemaivathanarayanan	20.00
45.	<i>Dioscorea bulbifera</i> L.	Kachchikizhangu	50.00
46.	<i>Duranta plumieri</i> Jacq.	Duranta gold	10.00
47.	<i>Eclipta prostrata</i> Linn.	Vellai karisaalai	20.00
48.	<i>Enicostemma axillare</i> Raynal.	Vellarugu	20.00
49.	<i>Erythrina indica</i> Lam.	Kalyanamurungai	20.00
50.	<i>Eupatorium triplinerve</i> Vahl.	Mirukasanjeevi	20.00
51.	<i>Ficus racemosa</i> L.	Athi	20.00
52.	<i>Gymnema sylvestre</i> R.Br.	Sirukurinjaan	20.00
53.	<i>Hemigraphis colorata</i> (Bl.) H.G.Hallier	Murukotti	20.00
54.	<i>Hibiscus platanifolius</i> (Willd.) Sweet	Pulichaikirai	10.00
55.	<i>Hibiscus rosa- sinensis</i> L.	Semparathai	20.00
56.	<i>Holoptelea integrifolia</i> Planch.	Aayil	20.00
57.	<i>Hybanthus enneaspermus</i> (L.) F.Muell.	Orithal tamari	20.00
58.	<i>Hyptis suaveolens</i> (L.) Poit.	Aartuthulasi	20.00
59.	<i>Indigofera tinctoria</i> L.	Neeli	20.00
60.	<i>Andrographis echinoides</i> (L.) Nees	Kopuramthangi	20.00
61.	<i>Ipomoea obscura</i> (L.) Ker Gawl.	Siruthazi	20.00

62.	<i>Ipomoea pes-caprae</i> (L.) R. Br	Kuthiraikulampadi	20.00
63.	<i>Jatropha curcas</i> L.	Kattamanakku (Vellai)	10.00
64.	<i>Justicia adhatoda</i> L.	Adathodai	10.00
65.	<i>Bryophyllum pinnatum</i> (Lam.) Oken.	Eranakalli	20.00
66.	<i>Kedrostis foetidissima</i> (Jacq.) Cogn.	Appakovai	50.00
67.	<i>Leea indica</i> (Burm.f) Merr.	Ottanazhi	50.00
68.	<i>Lippia nodiflora</i> Rich.	Poduthalai	20.00
69.	<i>Maranta arundinacea</i> L.	Arrow root	20.00
70.	<i>Mimosa hamata</i> Willd.	Nentralsurungi	20.00
71.	<i>Mimosa pudica</i> L.	Thottalsurungi	10.00
72.	<i>Mimusops elengi</i> L.	Mahilamaram	50.00
73.	<i>Morinda citrifolia</i> L.	Vellai nuna	30.00
74.	<i>Mucuna pruriens</i> (L.) DC.	Poonaiikkaali	10.00
75.	<i>Mukia maderaspatana</i> M.Roem.	Musumusukkai	20.00
76.	<i>Muntingia calabura</i> L.	Singapore cherry	10.00
77.	<i>Murraya koenigii</i> Spreng.	Kariveppilai	10.00
78.	<i>Nyctanthus arbor-tristis</i> L.	Pavalamalli	20.00
79.	<i>Ocimum basilicum</i> L.	Thiruneetrapachilai	10.00
80.	<i>Ocimum basilicum</i> L. var. <i>purpurascens</i>	Karunthulasi	10.00
81.	<i>Ocimum gratissimum</i> L.	Rama thulsai	10.00
82.	<i>Ocimum kilimandscharicum</i> Gurke	Karpoora thulsai	10.00
83.	<i>Ocimum tenuiflorum</i> Linn.	Thulasi	10.00
84.	<i>Orthosiphon aristatus</i> (Blume) Miq.	Poonaimesai	20.00
85.	<i>Pavonia odorata</i> Willd.	Peramutti	20.00
86.	<i>Phyllanthus amarus</i> Schum & Thonn.	Kizhanelli	10.00
87.	<i>Phyllanthus</i> sps.	Kizhanelli vagai	10.00
88.	<i>Piper betel</i> L.	Vettilai	20.00
89.	<i>Piper longum</i> L.	Thippili	10.00
90.	<i>Plantago ovata</i> L.	Isabukol	20.00
91.	<i>Plectranthus amboinicus</i> (Lour.) Spreng.	Omavalli	20.00
92.	<i>Plumbago auriculata</i> Lam.	Neelakodiveli	30.00
93.	<i>Plumbago zeylanica</i> L.	Kodiveli	30.00
94.	<i>Polygonum glabrum</i> Willd.	Aatrualari	10.00
95.	<i>Pongamia pinnata</i> (Linn.) Merr.	Pungan	20.00
96.	<i>Pothos</i> sp.	Money plant	20.00
97.	<i>Premna serratifolia</i> L.	Munnai	20.00
98.	<i>Quisqualis indica</i> L.	Rangunmalli	20.00
99.	<i>Rauvolfia tetraphylla</i> L.	Pambukala	20.00
100.	<i>Ravenala madagascariensis</i> Sonn.	Visiri vazhai	100.00
101.	<i>Rhinacanthus nasutus</i> (L.) Kurz.	Nagamalli	20.00
102.	<i>Ricinus communis</i> L.	Aamanakku	20.00

103.	<i>Rivina humilis</i> L.	Saya chedi	20.00
104.	<i>Saccharum arundinaceum</i> Retz.	Pei karumbu	20.00
105.	<i>Sansevieria roxburghiana</i> Schult.f.	Marul	20.00
106.	<i>Sauropus androgynus</i> (L.) Merr.	Thavasikeerai	20.00
107.	<i>Scaevola scricea</i> Vahl.	Kolukattaimaram	20.00
108.	<i>Selaginella inaequifolia</i> Spreng.	Karudapachilai	20.00
109.	<i>Sesbania aegyptiaca</i> Pers.	Sembai	20.00
110.	<i>Sesbania sesban</i> (L.) Merr.	Karunchembai	20.00
111.	<i>Sida cordifolia</i> L.	Sitramutti	10.00
112.	<i>Simarouba glauca</i> L.	Sorgha maram	20.00
113.	<i>Solanum torvum</i> Swartz.	Sundai	10.00
114.	<i>Solanum trilobatum</i> L.	Thuthuvalai	20.00
115.	<i>Spilanthes acmella</i> DC.	Palvalippuntu	
116.	<i>Stachytarpheta indica</i> (L.) Vahl.	Seemainayuruvi	10.00
117.	<i>Syzygium cuminii</i> (L.) Skeels	Naaval	20.00
118.	<i>Tecoma stans</i> (L.) Kunth	Ponnarali	20.00
119.	<i>Terminalia catappa</i> L.	Vathumai / Patham	20.00
120.	<i>Tinospora sinensis</i> (Lour.) Merr.	Seenthil	20.00
121.	<i>Turnera ulmifolia</i> L.	Morning glory	20.00
122.	<i>Tylophora indica</i> Merr.	Nanjaruppaan	20.00
123.	<i>Chrysopogon zizanioides</i> (L.) Roberty	Vettiver	20.00
124.	<i>Vitex agnus-castus</i> L.	Andamaan Nochi	20.00
125.	<i>Vitex negundo</i> L.	Nochchi	20.00
126.	<i>Vitex trifolia</i> L.	Moovilai nochi	20.00
127.	<i>Waltheria indica</i> L.	Senkaalipoondu	20.00
128.	<i>Wedelia chinensis</i> (Osbeck) Merr.	Manjal karisaalai	20.00
129.	<i>Withania somnifera</i> (L.) Dunal	Amukkara	10.00
130.	<i>Wrightia tinctoria</i> R.Br.	Vetpalai	20.00

Plant materials for research to the Research scholars at the rate of Rs.400./per kg for fresh materials and Rs.1000/- per kg for dried materials are provided.

Annexure-IV

PRICE LIST OF SIDDHA PUBLICATIONS

S. No.	PUBLICATIONS	SL. NO. BOOKS	PRICE RS.
	TAMIL		
1.	Agathiyar Sowmiya Sagaram – 1200	1	140.00
2.	Agathiyar Vaidhya Valladhi – 600	3	105.00
3.	Bogar Karukkadai Nigandu – 500	4	70.00
4.	Konganar Kadai Kandam – 1000	5	155.00
5.	Konganar Mudhal Kandam – 1000	6	106.00
6.	Konganar Nadu Kandam – 1000	7	85.00
7.	Ramadevar – 1000	9	105.00
8.	Siddhar Kaya Karpam	10	90.00
9.	Siddha Maruthuva Eliya Vazhakku Muraigal	11	40.00
10.	Theraiyar Kudineer	13	15.00
11.	Agathiyar Sillarai Kovai		165.00
12.	Therayar Sekarappa		110.00
13.	Therayar Yamaha Venba Part- II		70.00
14.	Therayar Yamaha Venba Part- III		60.00
	ENGLISH		
15.	A Hand Book of Common Remedies in Siddha System of Medicine	15	50.00
16.	Agathiyar Vaidya Pooranam - 205	16	60.00
17.	Quality Control Standards for Certain Siddha Formulations	17	50.00
19.	Sangamuni Visha Vaidhyam – 100	18	50.00
20.	Monograph of Thamira Chenduram (Peptic Ulcer)	20	31.00
21.	Pulippaani Vaidhyam – 500	22	200.00
22.	A Hand Book of Common Siddha Kaya Kalpa (Rasayana) Herbs for Healthy Life	32	100.00
	HINDI		
23.	Sangamuni Visha Vaidhyam – 100	90	40.00
24.	Agathiyar Vaidya Pooranam - 205	28	35.00
	SIDDHA PHARMACOPOEIA / FORMULARY		
25.	Siddha Pharmacopoeia of India (Part-I, Vol. I)	21	300.00
26.	Siddha Pharmacopoeia of India (Part-I, Vol. II)	-	500.00
27.	Siddha Formulary of India (Part-II) – Tamil Version	-	500.00