CENTRAL COUNCIL OF INDIAN MEDICINE
NEW DELHI

Syllabus for Siddha Maruthuva Arignar (BSMS) Course
Final Professional BSMS

SUBJECT: MARUTHUVAM (MEDICINE)

Study of following disease with clinical demonstration, their various names, Definition, causes, premonitory signs, signs & symptoms, description about the humoural disorders, pulse reading, complications, Associated disease, fatal signs, Line of treatment, prognosis, specific or special medicines, regimen and diet. Necessary modern scientific correlations shall also be incorporated as and when required.

1. Kural kammal (Hoarseness of voice) (2 hours)
2. Mookkadaippu (Sinusitis and Nasal block) (2 hours)
3. Irumal noi (Cough) (2 hours)
4. Eriappu noi (Bronchial asthma) (2 hours)
5. Elaippu noi (Tuberculosis) (2 hours)
6. Kuruthiazhal noi (Bleeding disorders and abnormalities of blood pressure) (2 hours)
7. Thamaraga noi (pertaining with heart diseases) (3 hours)
8. Veluppu noi (Anaemia) (2 hours)
9. Oodhal noi (Dropsy) (2 hours)
10. Ulaimanthai (Acute / chronic enteritis) (2 hours)
11. Suvayinmai (Disorder of tastes) (2 hours)
12. Seriyamai (Indigestion) (2 hours)
13. Neervetkai (Polydipsia) (2 hours)
14. Vikkal (Hiccup) (2 hours)
15. Vanthi (Vomitting) (2 hours)
16. Mantham (Dyspepsia) (2 hours)
17. Gunmam (Pain abdomen) (3 hours)
18. Manneeral noi (Diseases of spleen) (2 hours)
19. Kalleeral noi (Diseases of liver) (2 hours)
20. Manjal noi (Jaundice) (2 hours)
21. Peruvayiru (Abdominal distension) (4 hours)
22. Kudalpidippu (Abdominal colic) (2 hours)
23. Perunkalichal noi (Diarrhoea) (2 hours)
24. Ninakalichal noi (Amoebic dysentery) (2 hours)
25. Kaduppu kalichal noi (Bacillary dysentery) (2 hours)
26. Oozhi noi (Cholera) (2 hours)
27. Soolai (Pricking pain of varied aetiology) (5 hours)

**28. Siruneer noikal**

28 (I) Neerinai arukkal noikal (Conditions of reduced urinary output)
   a) Kalladaippu noi (Renal calculi) (3 hours)
   b) Neeradaippu noi (Retention of urine) (3 hours)
   c) Neerkattu (Anuria) (3 hours)
   d) Sottu neer (Incontinence of urine) (3 hours)
   e) Neersurukku (Oliguria) (3 hours)
   f) Vellai noi (Urethritis/Inflammation of the uro-genital organs) (3 hours)

28 (II) Neerinai perukkal noikal (Conditions of increased urinary output)
   a) Athimoothiram (Polyuria) (4 hours)
   b) Neerizhivu (Diabetes mellitus) (3 hours)
   c) Thelineer (Diabetes insipidus) (2 hours)
   d) Venneer (Spermatorrhoea) (2 hours)

29. Keel vayu (Arthritis) (4 hours)
30. Suram – 64 (Fever – 64 types) (7 hours)
31. Mukkutra noi (Delirium) (3 hours)
32. Ammai noi (Viral infections) (3 hours)
33. Vatha noi (Rheumatic diseases and other neurological disorders) & Pakkavatham (Hemiplegia) (8 hours)
34. Pitha noi (Pitha diseases) (5 hours)
35. Iya noi (Kapha diseases) (5 hours)
36. Endocrine (diseases) (8 hours)
   (i) Hyper pituterism
   (ii) Hypo pituitarism
   (iii) Hyper thyroidism
   (iv) Hypo thyroidism
   (v) Cushing’s syndrome
   (vi) Adrenal insufficiency
   (vii) Hyper parathyroidism
37. Infectious diseases (5 hours)

38. **Sexually transmitted diseases**

38.1 Korrukku noi (Syphilis) – 38.2 Mega vettai noi – (Gonorrohoea) (5 hours)

39. Ema kurai noi/ Theivu noi – HIV & AIDS (5 hours)

40. Life style disorders (7 hours)

**PRACTICALS:** (200 hours)

1. Practical training in the general examination and systemic examination.
2. Maintaining clinical records
3. Envagai thervu
4. Nadi parisothanai
5. Application of Neerkuri and Neikuri
6. Application of Manikkadai nool
7. Application of Clinical investigations and interpretations
8. Practical training in common medical emergencies
9. Practical application of puramaruthuvam in medical cases

**REFERENCE BOOKS:**

2. Yugi vaidyha chintamani, Yugimamunivar, Department of Indian Medicine & Homoeopathy, Govt. of Tamil Nadu, Chennai, Revised Edn. 1998
4. Siddha Maruthuvaanga Surukkam, C. S. Uthamarayan, H.P.I.M., Department of Indian Medicine & Homoeopathy, Govt. of Tamil Nadu, Chennai,
CENTRAL COUNCIL OF INDIAN MEDICINE  
NEW DELHI

Syllabus for Siddha Maruthuva Arignar (BSMS) Course  
Final Professional BSMS

SUBJECT: VARMAM, PURAMARUTHUVAM AND SIRAPPUMARUTHUVAM  
(Varmam Therapy, External Therapy and Special Medicine)

I KAYAKALPAM (Juvenilization Therapy)  
(15 hours)
Definition – Description – Regimen – uses & etc.
1) Kalpa medicines (Rejuvenation Therapy) - Classification – General & special karpam.  
   - Mooligai karpam – (Herbal origin)  
   - Thathu Karpam (minerals origin)  
   - Jeeva Karpam – (Animal origin)
2) Attanga yogam - Iyamam- Niyamam- Asanam- Pranayamam- Prathiyakaram- Thaaranai- 
   Thiyanam-Samadhi
4) Yoga –Definition – Principles of yoga practice- yoga postures – types - explanation-- 
   philosophy – uses.

II. VARMAM:  
(10 hours)
1. Definition – Description about the importance of Varmam – why it is called as Unique 
   feature of Siddha system : - Basic Philosophies related to the formation of Varmam points – 
   classification based on three humours – based on anatomical locations – based on signs & 
   symptoms – special & particular physical manipulation techniques & massage pertaining to 
   Varmam therapy – pulse diagnosis of varma patients – Important medicines used in varma 
   therapy – Specific food items prescribed for the patients.
2. Detailed study about the following Varma points:- (it includes location – signs & symptoms – 
   necessary manipulation techniques – medicines)

Paduvarmam (12)  
(6 hours)
1) Uchi varmam  
2) Pidari kaalam  
3) Chevikuthikaalam  
4) Natchathirakaalam  
5) Thilartha kaalam  
6) Kannaadikaalam  
7) Urakka kaalam  
8) Thummi kaalam  
9) Ner Varmam  
10) Adappa kaalam  
11) Periya athisurikki kaalam  
12) Kallidai kaalam

Thodu varmam (96)  
(34 hours)
I. Varma points located in Head & Neck : (22)
1) Pootellu Varmaam  
2) Mun chuvadi varmam  
3) Nettiri kaalam  
4) Pin chuvadi varmam  
5) Porichal varmam  
6) Puruva kaalam  
7) Urakka kaalam  
8) Thummi kaalam  
9) Ner Varmam  
10) Adappa kaalam  
11) Periya athisurikki kaalam  
12) Aayama kaalam  
13) Nadi kaalam  
14) Chenni Varmam  
15) Poigai kaalam  
16) Kurunthukuthi kaalam  
17) Alavattukona chenni Varmam
BSMS syllabus – CCIM

III. GERIATRICS
Definition – Description – Care and management physical & mental disorder – Care – External changes.
IV. PSYCHIATRY:


Introduction – Definition – Types – Treatment of the following diseases.

2) Paithiyam noi - 18 types

1. Aavesa Paithiyam
2. Abikasa Paithiyam
3. Mavuna Paithiyam
4. Suronitha Paithiyam
5. Vihaara Paithiyam
6. Thaaga Paithiyam
7. Azhal Paithiyam
8. Murka Paithiyam
9. Naduku Paithiyam
10. Visha Paithiyam
11. Pralaaba Paithiyam
12. Pitha Paithiyam
13. Aankaara Paithiyam
14. Gnana Paithiyam
15. Kaivisha Paithiyam
16. Kama Paithiyam
17. Visha Thaga Paithiyam
18. Siddha Paithiyam

3) a) Kirigai noi
   b) Unmatham noi
   c) Brammai noi
   d) Matha noi
   e) Mathathiyam noi
   f) Soothika vatham
   g) Moorchoi – Apasmaram – mayakkam.

4) Seizure disorders
   a) Valippu noi
   b) Kakai Valippu noi

V. PURA MARUTHUVAM (External Therapy) 32 types

Definition – Types – THOKKANAM – (Physical manipulation) Descriptions according to Therantharu – practical training – Steam therapy – Fume therapy – Bandages– Patru (Plaster) – Ottradam (Fomentation) – Poochu (paste) – Podi thimirdhal (powder massage) – Kalikkam- Anjanam (eye applications) – Nasika paranam (Medicated snuff) – Nasiyam (Nasal drops) – Murichal (Surgical correction of malunited fracture) – kombu kattal (splinting) – peechu (enema/douche) Oothal (blowing), Podi thimirthal-(Massage with herbal grains or paste)

VI. BONE AND JOINT DISEASES:


Injury to Joints: Dislocation of shoulder joint, Jaw etc.

Diseases of Joints: Acute suppurative, Gonococcal, syphilitic arthritis, chronic arthritis – T B gummatous, Rheumatoïd and osteo arthritis – X-ray findings.

Injuries to muscles and tendons
Deformities - Scoliosis, kyphosis, cubitus valgus, Dupuytren’s contracture, Coxa vara, Genu valgum, flat foot.

Injury to vertebrae – complications

Skull fracture

VII. Diseases of Central Nervous System:

- Hemiplegia
- Parkinsonism
- Poliomyelitis
- Cranial nerve disorders
- Paraplegia
- Quadriplegia
- Cerebellar ataxia
- Myopathy
- Motor neuron disease

(15 hours)

PRACTICAL TRAINING IN THE ATTACHED HOSPITAL ON THE FOLLOWING

1) Clinical examination of Neurological, Psychiatry and Orthopedics cases.
2) Practical training on V arma Therapy.
3) Practical training on Puramaruthuvam – (External therapy) Steam therapy - Fume therapy - Bandages- Patru (Plaster) – Ottradam (Fomentation) – Poochu (paste) – Podi thimirdhal (Massage with herbal grains or paste) – Kalikkam- Anjanam (eye applications) – Nasika paranam- Nasiyam ( Nasal applications) – Murichal (Surgical correction of malunited fracture) – kombu kattal (splinting) – peechu (enema/douche)
4) Practical training on Therapeutic applications of Yoga.
5) Writing case records.

Text Book:
5. External Therapies of Siddha Medicine, Dr. Thirunarayanan, Centre for Traditional Medicine and Research, Chennai, 2010.

Reference Book
1. Sanni, Vaisoori, Paithiyam & Oozhinoi Thoguthi, T. Mohana Raj, ATSVS Siddha Medical College and Hospital, Kanniyakumari, ISBN :9789380288079
2. Varmam marthuvam – Dr. Kannan Rajaram, ATSVS Siddha Medical College and Hospital, Kanniyakumari, ISBN: 9788190868433
3. Yugi vaidhya chintamani, Yugimamunivar, Department of Indian Medicine & Homoeopathy, Govt. of Tamil Nadu, Chennai, Revised Edn. 1998
4. Vatha Noi Thoguthi, T.Mohana Raj, ATSVS Siddha Medical College and Hospital, Kanniyakumari, ISBN :9789380288079
5. Varma Odivu Murivu Saari suthiram 1500, T.Mohana Raj, ATSVS Siddha Medical College and Hospital, Kanniyakumari, ISBN :9789380288062
CENTRAL COUNCIL OF INDIAN MEDICINE  
NEW DELHI  

Syllabus for Siddha Maruthuva Arignar (BSMS) Course  
Final Professional BSMS  

SUBJECT: ARUVAI, THOL MARUTHUVAM  
(SURGERY INCLUDING DENTISTRY AND DERMATOLOGY)  

ARUVAI MARUTHUVAM (GENERAL SURGERY)  
(60 hours)  
1. Literary evidences for the antiquity of surgical practice in Siddha medicine  (1 hour)  
2. Classification on the practice of treatment. Divine method (Vinnavarurai) – Rational method  
   (Manidarurai) – Surgical method (Asurarurai) – (Aruvai, Agni, Karam and 25 sub divisions).  
   (1 hour)  
3. Study on Aruvai (Surgical excision)  
   Keeral (Incision)  
   Kuruthi vangal (Blood letting)  
   Attai vidal (Leech therapy)  
   Salagai (Probing)  
   Varthi (Medicated wick)  
   Oodhal (Blowing)  
   Peechu (enema/ douch)  
   Urinchal (Sucking)  
   Kattudhal (bandaging)  
   Chuttigai (cauterization)  
   Vedhu (Steam therapy)  
   Pugai (Fumication)  
   Karam (caustic applications)  
   (2 hours)  
   (1 hour)  
5. Study of causes, clinical features, classification, diagnosis, treatment (medical & surgical) with  
   scientific correlations – clinical examination and investigations for the following diseases.  
   a. Veekam – (Inflammation)  
   (2 hours)  
   b. Punkal – (Ulcers)  
   (2 hours)  
   c. Kattigal – (Tumours)  
   (2 hours)  
   d. Silaippun – (Sinus ulcers & its treatment with karanool)  
   (2 hours)  
   e. Moolanoikal – (Ano-rectal diseases)  
   (2 hours)  
   f. Arpaviranam – (koppulam – mugapparu – Thavalaichori – Akkul koppulam  
       Akkul katti – Akkul nilapoosani katti – Akkul erichal katti – Putru vanmegam  
       Aani – Naga chutru – Setrupun – Maru – Attathar kopulam – Varagu koppulam)  
       (5 hours)  
   g. Pavuthiram – Fistula-in-ano  
       (2 hours)  
   h. Mega kattikal – Diabetic skin lesions, STD  
       (1 hour)  
   i. Yanaikkal – Filariasis  
       (1 hour)  
   j. Kandamalai – Cervical adenitis  
       (1 hour)  
   k. Nagil katti – Benign & malignant tumours of the breast  
       (1 hour)  
   l. Vithai noi – Diseases of scrotum  
       (1 hour)  
   m. Kiranthi noi – Chronic ulcers  
       (1 hour)  
   n. Kalladaippu – Renal calculi  
       (1 hour)  
   o. Aankuri noigal – Diseases of the male genitalia.  
       (1 hour)  

   (2 hours)  
7. Acute specific infections – Tetanus, Gas gangrene, Cellulitis, Septicaemia, Bactremia, Pyemia,  
   Wounds.  
   (2 hours)  
   (2 hours)  
9. Tumours and cysts – Benign and malignant tumours.  
   (2 hours)  
10. Fluid electrolyte and acid base balance – Parenteral fluid therapy – contra indications to I.V  
    therapy – clinical guide to fluid requirement – Alternative route for parenteral fluid therapy –  
    Proctolysis, Transnasal intragastric tube – Acidosis & Alkalosis.  
    (5 hours)  
11. Burns and Scalds – Haemorrhage – Types of Shock  
   (2 hours)
12. a) Diseases of arteries – Aneurysm, Embolism, Thrombosis (5 hours)
   b) Diseases of veins – Thrombosis of vein, Varicose vein, Venous ulcer,
      Thrombophlebitis
   c) Diseases of lymphatic vessels and lymph nodes – Lymphoedema, lymphadenitis,
      lymphadenoma (Hodgekin’s disease)
13. Infections of Hand & Foot (1 hour)
14. Diseases of breast – Breast abscess, Fibroadenoma, ANDI, Carcinoma breast. (2 hours)
15. 1) Diseases of Rectum, Anus, Fissure in ano etc. (2 hours)
    2) Diseases of urinary bladder, Prostatic gland, retention of urine. (2 hours)
16. Diseases of urethra, Phymosis, Paraphymosis. (1 hour)
17. Diseases of testis & scrotum – Orchitis, Hydrocele, Haematocele, Varicocele, Herniae (2 hours)

**KAN, KATHU, MOOKKU, THONDAI MARUTHUVAM**

KAN MARUTHUVAM (Eye diseases & Management) (20 hours)

1. Definition of normal healthy eye
2. Names of 96 eye diseases according to “Agasthiyar nayana vithi”
3. Prophylactic measures for healthy vision
4. Causes of eye diseases
5. Classification of eye diseases according to Agasthiyar and Nagamuni nayana vithi –
   Including their names, signs & symptoms, surgical treatment techniques and medicines
6. Surgical treatment for Pitha kasam
7. Suttigai or Ratchai treatment for Padalam
8. Surgical treatment for Karunagappadalam
9. Ratchai treatment for Ezhuchinoi
10. Surgical treatment for Mudamayir
11. Medicines commonly used for Eye diseases:
    a) Padalathi mathirai
    b) Kankasa mathirai
    c) Matcha Rethinadh mathirai
    d) Ilaneer kuzhambu
    e) Chandrodhaya mathirai
    f) Narikelanjanam
    g) Pazha kirambu pakkuva vennai
    h) Kandu Parpam
    i) Anda neer
    j) Kan thailam
12. Comparison with modern diagnosis:
    a) Suzhal vanderithal – Vitreous opacities
    b) Naga padalam – Pterygium
    c) Mayir puzhuvettu – Ulcerative blepharitis
    d) Amaram – Ophthalmia neonatorum
    e) Kuvalai vippuruthi – Dacryocystitis
    f) Vellezhuthu – Presbyopia
    g) Thuramamisa valarchi – Episcleritis
    h) Mudamayir – Trichiasis
17. The causes and prevention of blindness.
19. Viral infections of Eye

**KATHU MARUTHUVAM (Ear diseases & Management) (10 hours)**

Study of the following ear diseases with internal and external medicines: Sevi vatha noi – sevi soolai noi – sevi sanni noi –sevi vippuruthi noi – Sevi yezhuchi, Sevi Karappan - sevikkuttam – seviparu – sevipilavai

1. Diseases of the external ear.
2. Diseases of Middle Ear
3. Tinnitus
4. Deafness

**MOOKKU MARUTHUVAM (Nasal diseases & Management) (5 hours)**

1. Peenisam - Nasal and paranasal sinus diseases.
2. Epistaxis
3. Rhinitis, nasal polyp.
4. Head ache

**THONDAI MARUTHUVAM (THROAT DISEASES & Management) (5 hours)**

1. Infections of nasopharynx, Tonsils, Adenoids, Esophagus.
2. Acute and chronic laryngitis
3. Disorders of voice.

**PAL MARUTHUVAM (DENTISTRY) (15 hours)**

1. Pal noigal (Dental diseases) – Eeru noigal (Diseases of the gums) – Aids to Oral Hygiene.
3. Attrition, Abrasion and erosion of the Teeth.
4. Dental caries.
5. Inflammation, Necrosis and Gangrene of pulp.
6. Acute and chronic periapical abscess.
7. Resorption of the Teeth.
8. Cementum abnormalities associated with its formation.

**THOL MARUTHUVAM (SKIN DISEASES & Management) (35 hours)**

1. Classification of Kutta noigal according to “Yugi chinthamani”
3. Aids to healthy skin
4. Karappaan - Dermatitis and Eczema.
5. Padarthamarai – Tinea infections - Pimples (Acnes) – Verkuru (Prickly heat)
6. Kanakkadi, Silvida thadippu – Urticaria
7. Puzhu vettu-Alopecia
8. Podugu-Dandruf, Palunni-Molluscum, Maru-Wart
9. Venpadai – Vitiligo and leucoderma
10. Kalanjaga Padai - Psoriasis
11. Sirangu- Scabies
12. Perunoi – Leprosy
13. Bacterial, Viral, Fungal infections of the skin
14. Drug eruption and Bullous eruptions.
16. Skin disorders due to metabolic, nutritional, vascular, atrophic, endocrinal dysfunction and poisons.

**PRACTICAL TRAINING IN THE ATTACHED HOSPITAL ON THE FOLLOWING**

(200 hours)

1) Aruvali (Surgical excision)- Keeral (Incision)- Kuruthi vangal (Blood letting)- Attai vidal (Leech therapy)- Salagai (Probing) - Varthi (Medicated wick)- Oodhal (Blowing)- Peechu (Douch/enema)
   Urinchal(Sucking)- Kattudhal (bandaging)- Chuttigai (cauterization)- Vedhu (Steam therapy)- Pugai (Fumication)- Karam (caustic medicines)
2) Sterilization – Anti sepsis – Sepsis – Surgical Instruments
3) Dressing of Ulcers and wounds.
4) Hospital infection and preventions
5) I.V. fluids infusion and blood transfusion
7) Suture materials – varities of suture – practical training in suturing.
8) Preparation and application of Karanool.
9) A knowledge of anaesthesia of general & local.
10) Examination of surgical cases – Acute abdomen- wounds – tumours etc.
11) Examination of Eye – Ear – Nose – Throat – Skin etc.
12) Writing case sheets of surgical cases.
13) Practical training in reading, X-rays, Ultra sonogram, CT scan & MRI.

**REFERENCE BOOKS**

3. Kan Maruthuvam, Mohammed Iqbal, .
10. Agasthiar Rana Vaidhyam, Vaithiyar.V.R.Sundaram,
11. Siddha Vaidya Thirattu, K.N.Kuppusamy Mudaliar, Dept. of Indian Medicine and Homeopathy, Chennai
13. Yugi vaidhya chintamani, Yugimamunivar, Department of Indian Medicine & Homoeopathy, Govt. of Tamil Nadu, Chennai, Revised Edn. 1998
   ISBN: 9789351524168
18. Diseases of Ear, Nose, Throat – Dr. Muhammed Iqbal
CENTRAL COUNCIL OF INDIAN MEDICINE
NEW DELHI

Syllabus for Siddha Maruthuva Arignar (BSMS) Course
Final Professional BSMS

SUBJECT: SOOL, MAGALIR MARUTHUVAM
(Obstetrics and Gynaecology)

SOOL MARUTHUVAM (Obstetrics)

I. Koopagam (Anatomy and Physiology): (3 hrs)
   2. External Genital organs – Internal Genital organs

II. Karu Urpathy: (4hrs)

III. Karpini Urupugalin Maruthalgal: (4hrs)
   (Maternal changes due to Pregnancy) – Role of hormones in pregnancy – Management of disorders and treatment

IV. Sool Kanippu: (Diagnosis of Pregnancy): (4hrs)
   First, Second & Third trimester – Subjective – Objective – confirmative signs – Assessment of duration of pregnancy – Calculation of Estimated Date of confinement – Pseudocyesis – Difference between Primi and multigravidae.

V. Karpini Tharkaapu (Antenatal care): (5hrs)
VI. Magavu: (Foetus) : (2hrs)

Attitude – lie – Presentation – Position – Sizes of embryo and Foetus during gestation

diameters of fetal skull – term baby – Preterm baby. – Management and treatment

VII. Irattai Magavu and Pan Sool: (Twins and Multiple pregnancy). (2hrs)

VIII. Magaperu Kukaranam: (Complications of Pregnancy): (9hrs)

Hyperemesis gravidarum – Hydatidiform mole – Oligohydramnios – Polyhydramnios - Anaemia

– Abnormalities of placenta and cord – Hypertensive disorders of pregnancy – Gestational
Hypertension - Pre eclampsia – Eclampsia – Gunava avathanagam (Stanza 324 of Yugi vaithiya
chinthamani) – Preterm labour – Premature Rupture of Membrane (PROM) – Intra Uterine
Growth Retardation (IUGR) – Rhesus isoimmunisation. – Management and treatment -Maternal
infection – TORCH – Sexually Transmitted Diseases (STD) – Syphilis – HIV – Gonorrhoea –
Chicken pox – Malaria – Diabetes – Heart disease – Liver disease – Tuberculosis – Urinary Tract
infections. – Management and treatment

IX. Karuchithaivu: (Abortion) : (4hrs)

Types, Kandagava avathanagam (Stanza 323 of Yugi vaithiya chinthamani) – Differential

X. Magapperu Mun Uthirasalai: (Antepartum Hemorrhage): (2hrs)

a. Abruptio placenta – Placenta previa. – Management and treatment

XI. Sukha Magaperu Nadai: (Stages of Normal Labour): (3hrs)

Role of hormones in Labour – Uterine action. – Management students are to be exposed to
sufficient number of deliveries.

XII. Sukha Magaperu Nigalchikal: (Mechanism of Normal Labour): (2hrs)


XIII. Sukha Magaperu Kanippu: (Management of Normal Labour): (3hrs)

Diagnosis of Labour – Management of First Stage – Aseptic and Antiseptic precautions - Second
stage of Labour – Delivery position- Episiotomy – Ligation of cord – Management of third stage.

XIV. Asatharana Magaperu: (Abnormal Labour): (6hrs)

Occipito posterior presentation – Face – brow – Breech – Transverse or oblique lie – Compound
presentation –Cesarean procedures – Management

XV. Sool Poopu Sugaranam: (Normal Puerperium): (3hrs)

Involution of uterus – other pelvic Structures - Lochia – Lactation – Physiology of Lactation –
Advantages of breast feeding – care of puerperium – care of the newborn. – Management and
treatment
XVI. Magaperu Pin Uthirasalai: (Postpartum hemorrhage): (1hr)
   Retained placenta. – Management and treatment

XVII. Sool Poopu Kukaranam: (Abnormalities of the Puerperium) (3hrs)

I. Text books:
1. Sool Maruthuvam, P.M. Venugopal, Department of Indian Medicine & Homoeopathy, Govt. of Tamil Nadu, Chennai, 5th Edn. 2007.
3. Mudaliar and Menon’s Clinical Obstetrics, Universities Press Pvt Ltd., Hyderabad, 12th Edn., 2015,

II. Reference books:
1. Agathiyar vaithiya chinthamani, Dr.Prema, Thamarai noolakam, March 1996
13. Yugi vaidhya chintamani, Yugimamunivar, Department of Indian Medicine & Homoeopathy, Govt. of Tamil Nadu, Chennai, Revised Edn. 1998.
SUBJECT: MAGALIR MARUTHUVAM (Gynaecology)

1. History, Examination and diagnostic procedure of a Gynecological patient. (1hr)
2. Congenital malformation of female genital organs. (1hr)
3. Muthal Poopu (Sukharanam & Kukaranam): (1hr)
   Puberty – Normal and abnormal. – Management and treatment
4. Poopu: (2hrs)
   Menstruation – Menstrual cycle-Hypothalamo-pituitary-Ovarian axis (H-P-O axis) –
   Premenstrual syndrome. – Management and treatment
5. Kadai Poopu: (1hr)
   Menopause – organ changes – Menopausal symptoms – Management in siddha.
6. Neuroendocrinology in relation to Reproduction. (1hr)
7. Poopu Kolarugal: (Disorders of Menstruation). (2hrs)
   Amenorrhoea – Menorrhagia – Metrorrhagia – Dysfunctional Uterine bleeding – Types –
   DD – – Management and treatment
8. Soothagavali: (Dysmenorrhoea): (1hr)
   Siddha and modern concepts – Management and treatment
9. Karuppai Adithallal: (Displacement of Uterus). (1hr)
   Genital prolapse – Retroversion – chronic inversion. – Management and treatment
10. Maladu: (4hrs)
    Infertility in Siddha and modern aspects – Types, Treatment and Management
11. Yoni Rogangal: Diseases of the Vagina in Siddha aspect and treatment. (2hrs)
12. Koopaga Urupugallin azharchi: Infections of the pelvic organs. (4hrs)
   Vellai -(Leucorrhoea) – Vulvitis – Bartholinitis – Vaginitis – Cervicitis – Endometritis –
   Salpingitis – Oophoritis – Parametritis – Genital Tuberculosis – Management and treatment
   Sexually Transmitted Infections.
   – monilial vaginitis – Management and treatment
13. Siruneer vega Kolarugal: Urinary problems in Gynecology. (2hrs)
    Urinary Tract Infections – Incontinence – Fistula – Vesico vaginal fistula and Recto vaginal
    fistula (VVF & RVF). – Management and treatment
14. Nan Maravai Kattigal-Karuppai: Benign lesions of the Uterus. (2hrs)
    Fibroid – polyps. – Management and treatment
   Cancer of cervix, Uterus and Vagina. – Management and treatment 

   Polycystic ovarian Disease (PCOD) – Siddha treatment. 
   Follicular cyst – Endometrial cyst (Chocolate cyst) – Dermoid cyst. – Management and treatment 

17. Nachu Maravai Kattigal – Sinaippai: 
   Malignant Ovarian Tumors. – Management and treatment 

18. Nagil Sothanai: 
   Breast Examination – Fibroadenoma – Carcinoma. – Management and treatment 

19. Miscellaneous: 
   Post menopausal bleeding – Lowbackache – Dyspareunia – Pruritus Vulvae – Hirsutism. – 
   Management and treatment - Hermaphroditism Turner syndrome, Klinefelter’s syndrome- 
   Virilism – Management (1hr) 

PRACTICAL TRAINING IN THE ATTACHED HOSPITAL ON THE FOLLOWING (175 hours) 
1. Examination of Ante natal and Post natal Cases 
2. Practical training on handling instruments like speculum, uterine sound, vulsalum etc., 
3. Vaginal smear 
5. Writing of case records. 
6. Training on Ultrasonogram ,necessary investigations and interpretations. 
6. Application of Puramauthuvam in OG conditions 

Text books: 
1. Magalir Maruthuvam, P.M. Venugopal, Department of Indian Medicine & Homoeopathy, 
   Govt. of Tamil Nadu, Chennai, 4th Edn., Reprint, 2013. 
2. DC Dutta’s Textbook of Gynaecology, DC Dutta, Hiralal Konar, 7th Edn. JAY PEE Bros. Medical 

Reference books: 
2. Yugi vaidhya chintamani, Yugimamunivar, Department of Indian Medicine & Homoeopathy, 
   Govt. of Tamil Nadu, Chennai, Revised Edn., 1998. 
3. Agathiyar vaithiya chinthamani 4000, S. Prema, Thamarai noolakam, March 1996. 
Syllabus for Siddha Maruthuva Arignar (BSMS) Course
Final Professional BSMS

SUBJECT: KUZHANTHAI MARUTHUVAM
(PAEDIATRICS)

1. Neo natal care, Infant care, Child care. (4hrs)
2. Breast milk composition, advantages and disadvantages to the children and mother. (3hrs)
4. Immunization Immunization schedule. (IAP, WHO)-complication of immunisation-other schedules of immunisation-Urai maathirai. (உரை மாத்திரை)-Chei ennai (சேய் எண்ணெய்)
-Disorders of growth and development
  -short stature-failure to thrive
  -behavioural disorders-nail bitting, thumb sucking, pica eating
  -poor school achievers.
  -breath holding spells.
6. Adolescent Physiology.-Stages of sexual maturation.-Hormonal changes.-Health problems during adolescence.-Psychological problems.-Juvenile delinquency-management and line of treatment
7. Nutritional deficiency disorders Protein energy malnutrition.-Vitamin and mineral deficiency diseases.-management and line of treatment-Study of causes, clinical features, classification, diagnosis, treatment (medical & surgical) with scientific correlations – clinical examination and investigations for the following diseases.
8. Agakaarana noigal according to yugimuni Kiranthi (2 types)–Thodam(25 types) – Maantham(33 types) – Kanam(24 types) - Karappan(18 types) – Suram(20 types) – Sanni(9 types) – Valippu(4 types) – Akkaram(8 types) - Paandu, Sobai, Kamalai(3 types) – Kazhichal(3 types) – Kakkuvan - Amaram-Maalaikann
9. Purakaarana noigal according to yugimuni (2hrs)
Seeri seeri azhuthal – Vikkal – Vayiru porumal- Vayitru nooi - Kottaavi – Malakkatu – Neerkkattu -Vayiruveengal – Paal Kudiyaamai - Paal ethireduthal - Thodam

10. Infectious diseases. (8hrs)

11. Infestations: (2hrs)
Naaku poochi -Keeri poochi-Masaraipuzhu-Other infestations-management and line of treatment

12. Gastro intestinal system. (6hrs)
Seriyamai - Vaanthi – Vikkal - Lactose intolerance - Malabsorption syndrome – Dysentry - Rectal prolapse - Congenital pyloric stenosis - management and line of treatment

13. Cardio vascular system. (6hrs)
Congenital cardiac diseases. -cyanotic and acyanotic heart diseases -management and line of treatment

14. Central nervous system. (8hrs)
Baala vaatham and its types-Cerebral palsy. -Mental retardation. Hyperactivity disorders-ADHD, Autism-Temper tantrum. -management and line of treatment

15. Musculo skeletal disorder. (2hrs)
Muscular dystrophy -management and line of treatment

16. Genetic disorder (2hrs)
Down's syndrome & its management, other common genetic disorders

17. Endocrine disorder. (3hrs)
Cushing's syndrome. -Juvenile diabetes mellitus. management and line of treatment

PRACTICAL TRAINING IN THE ATTACHED HOSPITAL ON THE FOLLOWING (175 hours)
1. Examination of Infantile and Neonatal cases.
2. Practical training on handling instruments like incubator, suction tube etc.,
3. Practical application on Immunization schedule
4. Training on General and Systemic Examinations of Pediatric cases
5. Writing of case records.
6. Training on Ultrasonogram ,necessary investigations and interpretations.
7. Application of puramaruthuvam in paediatric ailments.

Reference books
1. Pillaiipini maruthuvam, S.sundhar rajan, Department of Indian Medicine & Homoeopathy, Govt. of Tamil Nadu, Chennai, 1st edn. 1993
3. Balavatha nidhanam, Chidambarathanu pillai, Siddha Medical Literature Research Centre, Chennai
4. Kuzhandhai vaithiyam, Chidambarathunu pillai, Siddha Medical Literature Research Centre, Chennai, 1997
5. Maadhav Maruthuvam, Dr.Chidambarathunu Pillai, Siddha Medical Literature Research Centre, Chennai
11. Standards for maternal and neonatal care - Group 1: General standards of care for healthy pregnancy and childbirth, World Health Organization, Department of Making Pregnancy Safer and Department of Reproductive Health and Research, 2007 (Web only version as a part of WHO Integrated Management of Pregnancy and Childbirth Care (IMPAC) Package)
12. Balavagadam, C.S. Murugesu Mudaliar (Au.), Pon Kurusironmani (Ed.), Department of Indian Medicine & Homeopathy, Govt. of Tamil Nadu, Chennai, Revised Edn. 1998