

**CENTRAL COUNCIL OF INDIAN MEDICINE
NOTIFICATION**

New Delhi, the 2nd May, 2013

No. 18-12/2012 Siddha (Syllabus-UG).—In exercise of the powers conferred by clauses (i), (j) and (k) of sub-section (1) of section 36 of the Indian Medicine Central Council Act, 1970 (48 of 1970), the Central Council of Indian Medicine, with the previous sanction of the Central Government, hereby makes the following regulations further to amend the Indian Medicine Central Council (Minimum Standards of Education in Indian Medicine) Regulations, 1986, namely:—

1. (1) These regulations may be called the Indian Medicine Central Council (Minimum Standards of Education in Indian Medicine) Amendment Regulations, 2013.
- (2) These regulations shall come into force with effect from the date of this publication in the Gazette.
2. In the Indian Medicine Central Council (Minimum Standards of Education In Indian Medicine) Regulations, 1986, for The Schedule II, the following schedule shall be substituted, namely: —

**"SCHEDULE II"
(See regulation 6)**

MINIMUM STANDARDS FOR SIDDHA MARUTHUVA ARIGNAR COURSE

- 1. Aims and Objects of Siddha Education:** The Siddha education should aim at producing graduates of profound scholarship having deep basis of Siddha with scientific knowledge in accordance with fundamentals with extensive practical training who would be able and efficient teachers, research scholars, physicians and surgeons of Siddha system, fully competent to serve in the medical and health services of the country.
- 2. Eligibility for admission:** (a) 12th standard with science or any other equivalent examination recognised by University or Boards with fifty per cent. aggregate marks in the subjects of Physics, Chemistry and Biology.
(b) Provided that for foreign students any other equivalent qualification to be approved by the concerned authorities will be allowed.
(c) Candidates should have passed Tamil as one of the subjects in the 10th Standard or in Higher Secondary course.
(d) Candidates who are not covered under clause (b) above, have to study Tamil as a subject during the First Professional session.
- 3. Duration of course:** The duration of the course shall be five years and six months comprising:—
 - a. First Professional - Twelve months
 - b. Second Professional - Twelve months
 - c. Third Professional - Twelve months
 - d. Final Professional - Eighteen months
 - e. Compulsory Rotatory Internship - Twelve months.
- 4. Degree to be awarded:** The candidate shall be awarded Bachelor of Siddha Medicine and Surgery-B.S.M.S (Siddha Maruthuva Arignar) degree after passing all the examinations and completion of the prescribed course of study extending over the prescribed period, and

thereafter satisfactorily completing the compulsory rotatory internship extending over twelve months.

5. Medium of instruction: The medium of instruction for the course shall be Tamil or Hindi or any recognised regional language or English.

6. Scheme of examination: (1) (a) The first professional session will ordinarily start in July and the first professional examination shall be at the end of one academic year of first professional session.;

(b) The first professional examination shall be held in the following subjects:-

- (i) Siddha Maruthuva Adippadai Thathuvangalum Varalarum [History and Fundamental Principles of Siddha Medicine];
- (ii) Tamil Language or Communicative English (wherever applicable);
- (iii) Uyir Vedhiyal (Bio-Chemistry);
- (iv) Maruthuva Thavara Iyal (Medicinal Botany and Pharmacognosy); and
- (v) Nunnuyiriyal (Micro Biology);

(c) A student failed in not more than two subjects shall be held eligible to keep the terms for the second professional session, however he shall not be allowed to appear for second professional examination unless he passes in all the subjects of the first professional examination.

(2)(a) The second professional session shall start every year in the month of July following completion of first professional examination and the second professional examination shall be ordinarily held and completed by the end of month of May or June every year after completion of one year of second professional session;

(b) The second professional examination shall be held in the following subjects:-

- (i) Udal Koorugal (Anatomy) Paper I;
- (ii) Udal Koorugal (Anatomy) Paper II;
- (iii) Udal Thathuvam (Physiology) Paper I;
- (iv) Udal Thathuvam (Physiology) Paper II;
- (v) Gunapadam-Paper I (Mooligai) (MateriaMedica - Plant kingdom); and
- (vi) Gunapaadam -Paper II (MateriaMedica -Thathu and Vilanginam) (Metals, Minerals and Animal kingdom);

(c) A student failed in not more than two subjects shall be held eligible to keep the terms for the third professional session, however he shall not be allowed to appear for third professional examination unless he passes in all the subjects of second professional examination.

(3)(a) The third professional session shall start every year in the month of July following completion of second professional examination and the third professional examination shall be ordinarily held and completed by the end of the month of May or June every year after completion of one year of third professional session;

(b) The third professional examination shall be held in the following subjects: —

- (i) Noi Naadal -Paper I (Siddha Pathology);
- (ii) Noi Naadal -Paper II (Principles of Modern Pathology);
- (iii) Noi Anugavidhi Ozhukkam (Hygiene and Community Medicine including National Health Policies and Statistics);
- (iv) Sattam Saarntha Maruthuvamum Nanju Maruthuvamum (Forensic Medicine and Toxicology); and
- (v) Research Methodology and Medical-statistics;

(c) A Student failed in not more than two subjects shall be held eligible to keep the terms for the final professional examination, however he shall not be allowed to appear for final professional examination unless he passes in all the subjects of third professional examination.

(4)(a) The final professional session shall be of one year and six months duration and shall start every year in the month of July following completion of third professional examination and the final professional examination shall be ordinarily held and completed by the end of month of December every year after completion of one year and six months of final professional session;

(b) The final professional examination shall comprise of the following subjects: —

- (i) Maruthuvam (Medicine);
- (ii) Varmam, Puramaruthuvam and Sirappumaruthuvam (Varmam Therapy, External Therapy and Special medicine);
- (iii) Aruvai, Thol Maruthuvam (Surgery including dentistry and Dermatology);
- (iv) Sool, Magalir Maruthuvam (Obstetrics & Gynaecology); and
- (v) Kuzhanthai Maruthuvam (Paediatrics).

7. Compulsory Rotatory Internship: (1) Duration of Compulsory Rotatory Internship shall be one year and the student shall be eligible to join the compulsory internship programme after passing all the subjects from first to the final professional examinations.

(2) Internship Programme and time distribution shall be as follows:-

(a) The interns will receive an orientation regarding programme details of internship programme along with the rules and regulations, in an orientation workshop, which will be organised during the first three days of the beginning of internship programme and a workbook will be given to each intern, in which the intern will enter date wise details of activities undertaken by him during his training;

(b) Every intern will provisionally register himself with the concerned State Board or Council and obtain a certificate to this effect before joining the internship program;

(c) Daily working hours of intern will be not less than eight hours;

(d) Normally one year internship programme will be divided into clinical training of six months in the Siddha hospital attached to the college and six months in Primary Health Centre or Community Health Centre or Rural Hospital or District Hospital or Civil Hospital or any Government Hospital of modern medicine. Where there is no provision or permission of the State Government for allowing the graduate of Siddha in the hospital or dispensary of modern medicine, the one year internship will be completed in the hospital of Siddha college.

(3) Clinical Training of six or twelve months, as case may be, in the Siddha hospital attached to the college will be conducted as follows: —

Sl.No.	Departments	Distribution of six months	Distribution of twelve months
(i)	Maruthuvam	45 days	3 Months
(ii)	Varmam, Puramaruthuvam and Sirappumaruthuvam	45 days	3 Months
(iii)	Aruvai, Thol Maruthuvam	1 Month	2 Months
(iv)	Sool, Magalir Maruthuvam	1 Month	2 Months
(v)	Kuzhanthai Maruthuvam	15 days	1 Month
(vi)	Avasara Maruthuvam	15 days	1 Month

(4) Six months training of interns shall be carried out with an object to orient and acquaint the intern with the National Health Programme and the intern shall undertake such training in one of the following institutes, namely: —

- (a) Primary Health Centre;
- (b) Community Health Centre or District Hospital;
- (c) Any recognized or approved hospital of modern medicine;
- (d) Any recognized or approved Siddha hospital or dispensary;

Provided that all the above institutes mentioned in clauses (a) to (d) will have to be recognised by the concerned Government for taking such training.

- (5) Detailed Guidelines for internship programme: The intern shall undertake the following activities in the respective department as shown below:-

- (a) Maruthuvam- Duration of internship in this department shall be one and half month or three months with following activities: —

- (i) all routine works such as case taking, investigations, diagnosis and management of common diseases;
- (ii) routine clinical pathology work such as haemoglobin estimation, complete haemogram, urine analysis, microscopic examination of blood parasites, sputum examination, stool examination, neerkuri, neikuri mala parisodhanai, interpretation of laboratory data and clinical findings, and arriving at a diagnosis;
- (iii) training in routine ward procedures and supervision of patients in respect of their diet, habits and verification of medicine regime;

- (b) Varmam, Puramaruthuvam and Sirappumaruthuvam- Duration of internship in this department shall be one and half month or three months and intern should be practically trained to acquaint with the following activities:-

- (i) location of types of Varmam points;
- (ii) diagnosis of various pathological conditions due to application of Varmam procedures and techniques;
- (iii) procedures of Ilakkumuraigal with internal or external medication;
- (iv) various Puramaruthuvam procedures and techniques with special emphasize on Thokkanam;
- (v) fractures and dislocations and their management;
- (vi) geriatric care(Moopyal);
- (vii) management of psychiatric cases (Ula Pirazhvu Noi);
- (viii) kayakarpam (Rejuvenation therapy and yogam);

- (c) Aruvai and Thol Maruthuvam- Duration of internship in this department shall be one month or two months and intern should be practically trained to acquaint with the following activities: —

- (i) diagnosis and management of common surgical disorders according to Siddha principles;
- (ii) management of certain ailments such as fractures and dislocations;
- (iii) practical training of aseptic, antiseptics techniques and sterilization;
- (iv) intern should be involved in pre-operative and post-operative managements;
- (v) practical use of anesthetic techniques and use of anesthetic drugs;
- (vi) Radiological procedures, clinical interpretation of X-ray, Intra Venous Pyelogram, Barium meal, Sonography and Electro Cardio Gram;
- (vii) examinations of eye, ear, nose, throat and other parts of the body with the supportive instruments;
- (viii) surgical procedures and routine ward techniques such as:-
 - (a) suturing of fresh injuries;

- (b) dressing of wounds, burns, ulcers and similar ailments;
 - (c) incision of abscesses;
 - (d) excision of cysts;
 - (e) venesection; and
 - (f) application of Kaaranool in ano-rectal diseases;
- (ix) procedures like Anjanam, Nasiyam, Attaivalai at Out-Patient Department level;
- (x) diagnosis and management of common dental disorders; and
- (xi) training in Blood Bank and transfusion procedures;
- (d) Sool, Magalir Maruthuvam- Duration of internship in this department shall be one month or two months and intern should be practically trained to acquaint with the following activities: —
 - (i) antenatal and post-natal problems and their remedies; antenatal and post-natal care;
 - (ii) management of normal and abnormal labours; and
 - (iii) minor and major obstetric surgical procedures;
- (e) Kuzhanthai maruthuvam- Duration of internship in this department shall be fifteen days or one month and intern should be practically trained to acquaint with following activities:-
 - (i) care for new born child along with immunisation programme; and
 - (ii) important pediatric problems and their management;
- (f) Avasara maruthuvam (Casualty) - Duration of internship in this department shall be fifteen days or one month and intern should be practically trained to acquaint with the following activities:-
 - (i) identification of casualty and trauma cases and their first line management; and
 - (ii) procedure for referring such cases to the identified hospitals;
- (6) Internship training in Primary Health Centre or Rural Hospital or District Hospital or Civil Hospital or any Government Hospital of modern medicine: During the six months internship training in Primary Health Centre, Community Health Centre or District Hospital or any recognized or approved hospital of Modern Medicine or Siddha Hospital or Dispensary, the interns shall-
 - (i) get acquainted with the routine of the Primary Health Centre and maintenance of their records;
 - (ii) get acquainted with the routine working of the medical or non-medical staff of Primary Health Centre and be always in contact with the staff in this period;
 - (iii) get familiaried with the work of maintaining the relevant register like daily patient register, family planning register, surgical register and take active participation in different Government Health Schemes or Programmes; and
 - (iv) participate actively in different National Health Programmes implemented by the State Government.
- (7) Internship training in Rural Siddha dispensary or hospital: During the six months internship training in Rural Siddha dispensary or Hospital, interns shall-
 - (i) get aquatinted with the diseases more prevalent in rural and remote areas and their management; and
 - (ii) involve in teaching of health care methods to rural population and also various immunisation programmes.

8. Assessment: After completing the assignment in various Sections, the interns have to obtain a completion certificate from the head of the Section in respect of their devoted work in the Section concerned and finally submit to the Principal or Head of the institute so that completion of successful internship can be granted.

9. Migration of internship: (1) Migration of internship will be only with the consent of the both college and University, in case the migration is between the colleges of two different Universities.

(2) In case migration is only between colleges of the same University, only the consent of both the colleges will be required.

(3) The migration will be accepted by the University on the production of the character certificate issued by institute or college and application forwarded by the college and University with a No Objection Certificate, as case may be.

10. Examination: (a) A candidate obtaining seventy-five per cent. marks in the subject shall be awarded distinction in the subject;

(b) The minimum marks required for passing the examination shall be fifty per cent. in theory and fifty per cent. in practical or clinical, wherever applicable in each subject;

(c) The supplementary examination shall be held within six months of regular examination and failed students shall be eligible to appear in its supplementary examination, as the case may be;

(d) Minimum of seventy-five per cent. attendance in each subject separately in theory and practical shall be essential for a student appearing in the examination;

(e) In case a student fails to appear in regular examination for cognitive reason, he shall appear in supplementary examination as a regular students, whose non-appearance in regular examination shall not be treated as an attempt and such students after passing examination shall join the studies with regular students and appear for next professional examination after completion of the required period of study;

(f) The following facts may be taken into consideration in determining class work in the subject:-

- (i) Regularity in attendance;
- (ii) Periodical tests; and
- (iii) Practical work.

11. Migration: (1) The students may be allowed to take the migration to continue their study in another college after passing the first professional examination, but failed students transfer and mid-term migration shall not be allowed.

(2) For migration, the students shall have to obtain the mutual consent of both colleges and Universities and it will be against the vacant seat after obtaining No Objection Certificate from the Central Council.

12. Number of papers and marks for theory and practical:

Name of the subject	Number of hours of teaching			Details of maximum marks			
	Theory	Practical or Clinical	Total	Number of papers	Theory	Practical or Clinical (Including Viva Voce)	Total
First Professional							
1. Siddha Maruthuva Adippadal Thathuvangalum Varalarum [History and Fundamental Principles of Siddha Medicine]	150	---	150	One	100	---	100
2. Tamil Language applicable as per clauses (b) and (c) of regulation 2 relating to eligibility for admission	100	---	100	One	100	---	100

3. Communicative English	100	---	100	One	100	---	100
4. Uyir Vedhiyal (Bio-Chemistry)	150	100	250	One	100	100	200
5. Maruthuva Thavara Iyal (Medicinal Botany and Pharmacognosy)	200	100	300	One	100	100	200
6. Nunnuyiriyal (Micro Biology)	100	100	200	One	100	100	200
Second Professional							
1. Udai Koorugal (Anatomy)	200	150	350	Two	200	200	400
2. Udai Thathuvam (Physiology)	150	100	250	Two	200	200	400
3. Gunapadam-Paper I (Mooligai) (Materia Medica-Plant kingdom)	200	100	300	One	100	100	200
4. Gunapadam - Paper II (Thathu and Vilanginam) (Materia Medica-Metals, Minerals and Animal kingdom).	200	100	300	One	100	100	200
Third Professional							
1. Noi Naadal - Paper I (Siddha Pathology)	200	100	300	One	100	100	200
2. Noi Naadal - Paper II (Principles of Modern Pathology)	150	100	250	One	100	100	200
3. Noi Anugavidhi Ozhukkam (Hygiene and Community Medicine including National Health Policies and Statistics).	100	---	100	One	100	---	100
4. Sattam Saarntha Maruthuvamum Nanju Maruthuvamum (Forensic Medicine and Toxicology)	150	100	250	One	100	100	200
5. Research Methodology and Medical-statistics	100	--	100	One	100	---	100
Final Professional							
1. Maruthuvam (Medicine)	150	200	350	One	100	100	200
2. Varmam, Puramaruthuvam and Sirappumaruthuvam (Varmam Therapy External Therapy and Special Medicine)	150	200	350	One	100	100	200
3. Aruvai, Thol Maruthuvam (Surgery including dentistry and Dermatology)	150	200	350	One	100	100	200
4. Sool, Magallr Maruthuvam (Obstetrics and Gynaecology)	100	175	275	One	100	100	200
5. Kuzhanthai Maruthuvam (Paediatrics)	100	175	275	One	100	100	200

Note 1:- Clinical training to the students shall start from the commencement of third professional session onward.

Note 2:- The clinical training to the students in the hospital attached with college shall be rotational within all departments of third and final professional session.

13. Qualifications and experience for teaching staff for Under-Graduate course:

(I) Essential- (a) A degree in Siddha as recognised under the Indian Medicine Central Council Act, 1970;

(b) A Post-graduate qualification in Siddha recognised under the Indian Medicine Central Council Act, 1970. Provided that teachers who are appointed before the date of this notification with the qualification of Under-Graduate degree in Siddha with a higher qualification in the subject concerned not recognised under the Indian Medicine Central Council Act, 1970 shall also be considered eligible in their current designation as per their teaching experience, but they shall be promoted

to the next or any other grade only after obtaining Post-Graduate degree in Siddha recognized under the Indian Medicine Central Council Act, 1970; and

(c) For the subjects of Tamil or Communicative English, Medicinal Botany and Pharmacognosy, Biochemistry, Anatomy, Physiology, Micro-Biology teachers with Post Graduate degree from a recognized University in the subject concerned can also be appointed.

(II) Experience: (a) Qualification for the Post of Head of the Institution (Principal or Dean or Director): The qualification and experience prescribed for the Post of Professor shall be essential for these posts of Principal or Dean or Director also;

- (b) For the post of Professor: Total teaching experience of ten years is necessary out of which there should be five years teaching experience as Reader or Associate Professor;
- (c) For the post of Associate Professor (Reader): Teaching experience of five years (Reader will be treated as Associate Professor);
- (d) For the post of Assistant Professor (Lecturer) with age not exceeding forty-five years, no teaching experience is required and Lecturer will be treated as Assistant Professor.

Note 1: The teacher(s) who had been considered eligible on the basis of Schedule II to the Indian Medicine Central Council (Minimum Standards of Education in Indian Medicine) Regulation, 1986 shall not be considered ineligible after publication of the Indian Medicine Central Council (Minimum Standards of Education in Indian Medicine) Amendment Regulation, 2013; and

Note 2: The research experience of regular Doctor of Philosophy (Ph.D.) holder will be considered equivalent to one year teaching experience.

14. Appointment of Examiner in Siddha: The appointment of Examiners shall be decided as per the norms existing in the University concerned.

SHAMSHAD BANO, Registrar-cum-Secy.

[No. ADVT -III/4/Exty./124/13]

Note.—If any discrepancy is found between Hindi and English version of “Indian Medicine Central Council (Minimum Standards of Education in Indian Medicine) Amendment Regulations, 2013”, the English version will be treated as final.