

THE NATIONAL COMMISSION FOR INDIAN SYSTEM OF MEDICINE**NOTIFICATION**

New Delhi, the 9 March, 2022

F. No. 18-12/2021-BUSS(SID-UG-MSE).—In exercise of the powers conferred by sub-section (2) of section 55 of the **National Commission for Indian System of Medicine Act, 2020 (14 of 2020)**, the Commission hereby makes the following regulations, namely:—

1 Short title and commencement. - (1) These regulations may be called **National Commission for Indian System of Medicine (Minimum Standard of Undergraduate Siddha Education) Regulations, 2022.**

(2) They shall come into force on the date of their publication in the Official Gazette.

2 Definitions.- (1) In these regulations, unless the context otherwise requires, -

- (i) “Act” means the National Commission for Indian System of Medicine Act, 2020 (14 of 2020);
- (ii) “Annexure” means an annexure appended to these regulations;
- (iii) “Appendix” means an appendix appended to these regulations.

(2) The words and expressions used herein and not defined but defined in the Act shall have the same meanings as respectively assigned to them in the Act.

3 Bachelor of Siddha Medicine and Surgery programme.- The Bachelor of Siddha education namely, the Bachelor of Siddha Medicine and Surgery (B.S.M.S.) shall produce Graduates, having profound knowledge of Siddha Medicine along with the contemporary advances in the field of Siddha Medicine supplemented with knowledge of scientific and technological advances in modern sciences and technology along with extensive practical training, as an efficient physicians and surgeons for the health care services.

4 Eligibility for admission.- (1) The eligibility to seek admission in Bachelor of Siddha Education (Bachelor of Siddha Medicine and Surgery) shall be as under, -

- (a) The candidate shall have passed 10+2 or its equivalent examination from any recognised Board with Physics, Chemistry and Biology and shall have obtained minimum of fifty per cent. marks taken together in Physics, Chemistry and Biology in the case of General category and forty per cent. marks in the case of the Scheduled Castes, Scheduled Tribes and Other Backward Classes:

Provided that in respect of persons with disability candidate specified under the Rights of Persons with Disabilities Act, 2016 (49 of 2016), the minimum qualifying marks in the said examinations shall be forty-five per cent. in the case of General category and forty per cent. in the case of the Scheduled Castes, Scheduled Tribes and Other Backward Classes.

- (b) candidate shall have passed Tamil as one of the subjects in the 10th Standard or in 12th Standard.
- (c) candidate who is not covered under clause (b) shall have to study Tamil as a subject during the First Professional B.S.M.S. session.
- (d) No candidate shall be admitted to B.S.M.S Degree programme unless he has attained the age of seventeen years on or before the 31st December of the year of his admission in the first year of the programme and not more than twenty-five years on the 31st December of the year of admission in the first year of the programme:

Provided that the upper age-limit may be relaxed by five years in the case of Scheduled Castes, Scheduled Tribes, Other Backward Classes and disabled candidates.

- (2) **National Eligibility - cum- Entrance Test.**- (i) There shall be a uniform entrance examination for all medical institutions at the under-graduate level, namely, the National Eligibility- cum- Entrance Test (NEET) for admission to under-graduate programme in each academic year and shall be conducted by an authority designated by the National Commission for Indian System of Medicine.

- (ii) In order to consider for admission to under-graduate programme for an academic year, it shall be necessary for a candidate to obtain minimum of marks at 50th percentile in the National Eligibility - cum- Entrance Test for under-graduate programme held for the said academic year:

Provided that in respect of,-

- (i) candidates belonging to the Scheduled Castes, Scheduled Tribes and Other Backward Classes, the minimum marks shall be at 40th percentile;
- (ii) candidates with specified disabilities under the Rights of Persons with Disabilities Act, 2016 (49 of 2016), the minimum marks shall be at 45th percentile in the case of General category and 40th percentile in the case of the Scheduled Castes, Scheduled Tribes and Other Backward Classes:

Provided further that where sufficient number of candidates in the respective category fail to secure minimum marks in the National Eligibility- cum - Entrance Test held for any academic year for admission to undergraduate programme, the National Commission for Indian System of Medicine in consultation with the Central Government may at its discretion lower the minimum marks required for admission to undergraduate programme for candidates belonging to respective category and marks so lowered by the Central Government shall be applicable for that academic year only.

- (3) An All-India common merit list as well as State-wise merit list of the eligible candidates shall be prepared on the basis of the marks obtained in the National Eligibility -cum- Entrance Test and the candidates, within the respective category shall be considered for admission to under-graduate programme from the said merit lists only.
- (4) The seat matrix for admission in the Government, Government-aided Institution and Private Institution shall be fifteen percent. for the All-India Quota and eighty-five percent. for the State and Union territory quota:

Provided that,-

- (i) the All-India Quota for the purpose of admission in all the deemed university both Government and private shall be hundred percent.;
- (ii) the university and institute which are already having more than fifteen per cent. all-India quota seats shall continue to maintain that quota;
- (iii) five percent. of the annual sanctioned intake capacity in Government and Government-aided Institution shall be filled up by candidate with specified disability in accordance with the provisions of the Rights of Persons with Disabilities Act, 2016 (49 of 2016) and based on the merit list of National Eligibility -cum-Entrance Test.

Explanation.- For the purpose of this clause, the specified disability contained in the Schedule to the Rights of Persons with Disabilities Act, 2016 (49 of 2016) specified in **Appendix "A"** and the eligibility of candidates to pursue a programme in Indian Systems of Medicine with specified disability shall be in accordance with the guidelines specified in **Appendix "B"** and if the seats reserved for the persons with disabilities in a particular category remain unfilled on account of unavailability of candidates, the seats shall be included in the annual sanctioned seats for the respective category.

- (5) (i) The designated authority for counseling of State and Union territory quota for admissions to undergraduate programme in all Siddha Educational Institutions in the States and Union territories including institutions established by the State Government, University, Trust, Society, Minority Institution, Corporation or Company shall be the respective State or Union Territory in accordance with the relevant rules and regulations of the concerned State or Union territory, as the case may be.
(ii) The counseling for all admission to Bachelor of Siddha Medicine and Surgery Programme for hundred per cent. seats of all Deemed Universities both Government and Private shall be conducted by the authority designated by the Central Government in this behalf.
- (6) The counselling for admission to Bachelor of Siddha Medicine and Surgery Programme for seat under All-India Quota as well as for all Siddha Educational Institutions established by the Central Government shall be conducted by the authority designated by the Central Government in this behalf.
- (7) (i) All seats irrespective of category (Central quota, State quota or Management etc.) except foreign nationals are to be admitted through counseling (Central or State or Union Territory) only. Direct admission by any means other than above specified shall not be approved.

- (ii) The institution shall have to submit the list of students admitted in the format specified by National Commission of Indian System of Medicine on or before 6 pm on the cut-off date for admission specified by National Commission for Indian System of Medicine from time to time for verification.
- (iii) Universities shall approve the admission of those candidates (except foreign nationals) who have been allotted through counseling (Central or State or Union Territory) as the case may be.
- (8) No candidate who has failed to obtain the minimum eligibility marks under these regulations shall be admitted to under-graduate programme in the said academic year.
- (9) No authority or institution shall admit any candidate to the under-graduate programme in contravention of the criteria or procedure laid down in these regulations in respect of admission and any admission made in contravention of the said criteria or procedure shall be cancelled by the National Commission for Indian System of Medicine forthwith.
- (10) The authority or institution which grants admission to any student in contravention of the criteria or procedure laid down in these regulations shall be liable accordingly, under the relevant provisions of the Act.
- (11) For foreign national candidate, any other equivalent qualification approved by the Central Government may be allowed and sub-regulation (2) of regulation 4 shall not be applicable.
- 5 Duration of B.S.M.S. programme.-** The duration of the B.S.M.S Programme shall be five years and six months as per the following table, namely:-

Table – 1
(Duration of B.S.M.S. Programme)

Sl.No.	B.S.M.S.Programme	Duration
(a)	First Professional B.S.M.S	Eighteen Months
(b)	Second Professional B.S.M.S	Eighteen Months
(c)	Third (Final) Professional B.S.M.S	Eighteen Months
(d)	Compulsory Rotatory Internship	Twelve Months

- 6 Degree to be awarded.-** The candidate shall be awarded Siddha Maruthuva Arignar (Bachelor of Siddha Medicine and Surgery – B.S.M.S.) Degree after passing all the examinations and completion of the laid down programme of study extending over the laid down period and the compulsory rotatory internship extending over twelve months and the nomenclature of Degree shall be **Siddha Maruthuva Arignar (Bachelor of Siddha Medicine and Surgery – B.S.M.S.)**.
- 7 Medium of instruction.-** The medium of instruction for the programme shall be Tamil or English or any recognised regional language or Hindi:
- Provided that in case, if any institute is admitting students from different states or international students, the medium of instruction shall be English.
- 8 Pattern of study.-** (1) The B.S.M.S. Programme shall consist of **Main Programme** and **Electives** and the pattern of study shall be followed in the following manner, namely:-
- (A) (i) (a) After admission, the student shall be inducted to the B.S.M.S Programme through an Induction Programme not less than fifteen working days based on the Transitional Curriculum which intends to introduce newly admitted students to Siddha System of Medicine and to make him well aware of the B.S.M.S Programme he is going to study for next four and half years.
- (b) During the induction programme, the student of Siddha shall learn basics of Tamil, basic life support and first aid along with other subjects as laid down in the syllabus.
- (c) There shall be fifteen days induction programme which shall be not less than ninety hours and every day may consist of six hours.
- (ii) Total working days for each professional session shall be not less than three hundred and twenty days.
- (iii) (a) Total working days for the First Professional session shall be not less than three hundred and five days except for fifteen days for the induction programme.
- (b) Total teaching hours for First Professional session shall be not less than 1920, and proportion of teaching hours in Lecture to Non-lecture shall be 1:2.

- (iv) (a) Total teaching hours for Second Professional session shall be not less than 2240 and the proportion of teaching hours in Lectures to Non-lectures shall be 1:2.
- (b) During the Second Professional Session at least one hour of clinical classes per day during morning hours at Hospital Outpatient Department (OPD) or In-Patient Department (IPD) or Laboratory or Pharmacy or Dispensary shall be conducted to make the students have acquaintance with the related activities.
- (v) Total teaching hours for Third (Final) Professional session shall be not less than 2240 and during the third (Final) Professional Session, three hours of clinical classes at Hospital during morning hours shall be conducted and the proportion of teaching hours in Lecture to Non-Lecture hour shall be 1:2.
- (vi) Working hours may be increased by the University or institution as per requirement to complete the stipulated period of teaching and requisite activity.

Explanation.- For the purposes of these regulation the expression “**Lectures**” means Didactic teaching i.e., classroom teaching and the expression “**Non-lectures**” includes Practical / Clinical and Demonstrative teaching and the Demonstrative teaching includes Small group teaching / Tutorials / Seminars / Symposiums / Assignments / Role play / Pharmacy training / Laboratory training / Dissection / Field visits / Skill lab training / Integrated learning / Problem based learning / Case based learning / Early clinical exposure / Evidence based learning etc. as per the requirement of the subject and in Non-lectures, the Clinical / Practical part shall be seventy per cent. and Demonstrative teaching shall be thirty per cent.

- (vii) There shall be minimum of one hour each for library and physical education per week and one hour of recreation (expression of talent and extra-curricular activities) per month has to be allotted in the regular time table of all batches.

- (B) The First Professional session shall ordinarily start in the month of October and the following subjects shall be taught as per the syllabus laid down by the National Commission for Indian System of Medicine from time to time, namely:-

Table – 2

(Subjects for First Professional B.S.M.S.)

Sl. No.	Subject Code	Subject	Equivalent Terms
1.	SIDUG-SATV	Siddha Maruthuva Adippadai Thathuvangalum Varalaarum	History and Fundamental Principles of Siddha Medicine
2.	SIDUG-TL SIDUG-CE	Tamil Language (Applicable as per clauses (b) and (c) of sub-regulation (1) of Regulation 4 relating to eligibility for admission.) / Communicative English (wherever applicable)	
3.	SIDUG-UK	Udal Koorugal	Human Anatomy
4.	SIDUG-UT	Udal Thathuvam	Human Physiology
5.	SIDUG-UV	Uyir Vedhiyiyal	Biochemistry
6.	SIDUG-NU	Nunnuyiriyal	Microbiology
7.	Electives (Minimum Three) Subjects		

- (C) The Second Professional session shall ordinarily start in the month of April after completion of First Professional examination and the following subjects shall be taught as per the syllabus laid down by the National Commission for Indian System of Medicine from time to time, namely:-

Table – 3

(Subjects for Second Professional B.S.M.S.)

Sl. No.	Subject Code	Subject	Equivalent Terms
1.	SIDUG-MT	Maruthuva Thavaraviyal	Medicinal Botany and Pharmacognosy
2.	SIDUG-GMM	Gunapadam - Marunthiyal	Materia Medica - Pharmacology
3.	SIDUG-GMK	Gunapadam - Marunthakaviyal	Materia Medica - Pharmaceuticals
4.	SIDUG-SSM &NM	Sattam Saarntha Maruthuvamum Nanju Maruthuvamum	Forensic Medicine and Toxicology
5.	SIDUG-NN1	Noi Naadal - I	Siddha Pathology
6.	SIDUG-NN2	Noi Naadal - II	Principles of Modern Pathology
7.	SIDUG-NAVO	Noi Anugavidhi Ozhukkam	Principles and Disciplines of Disease Prevention and Public Health
8.	Electives (Minimum Three) Subjects		

(D) The Third (Final) Professional session shall ordinarily start in the month of October after completion of Second Professional examination and the following subjects shall be taught as per the syllabus laid down by the National Commission for Indian System of Medicine from time to time, namely:-

Table – 4
[Subjects for Third (Final) Professional B.S.M.S.]

Sl. No.	Subject Code	Subject	Equivalent Terms
1.	SIDUG-MM	Maruthuvam	Medicine
2.	SIDUG-VPS	Varmam, Puramaruthuvam and Sirappumaruthuvam	Varmam, External Therapy and Special Medicine
3.	SIDUG-AM	Aruvai including Kan, Kathu, Mookku, Thondai, Pal and Thol Maruthuvam	Surgery including Ophthalmology, ENT, Dentistry and Dermatology
4.	SIDUG-SMM	Sool and Magalir Maruthuvam	Obstetrics and Gynaecology
5.	SIDUG-KM	Kuzhanthai Maruthuvam	Paediatrics
6.	SIDUG-RM	Research Methodology and Medical Statistics	
7.	Electives (Minimum Three) Subjects		

(E) University, Institution and College shall prepare Academic Calendar of that particular batch in accordance with the template of tentative Academic Calendar provided in these regulations in ***Annexure-I*** and the same shall be circulated to students and hosted in respective websites and followed accordingly.

(F) The B.S.M.S. programme shall consist of following Departments and Subjects, namely:-

Table – 5
(Departments and Subjects)

Sl. No.	Departments	Subjects
1.	Siddha Maruthuva Moolathathuvam	1. Siddha Maruthuva Adippadai Thathuvangalum Varalaarum 2. Tamil Language/Communicative English (wherever applicable)
2.	Udal Koorugal	Udal Koorugal
3.	Udal Thathuvam	1. Udal Thathuvam 2. Uyir Vedhiyiyal
4.	Gunapadam Marunthiyal	1. Gunapadam Marunthiyal 2. Maruthuva Thavaraviyal
5.	Gunapadam Marunthakaviyal	Gunapadam - Marunthakaviyal
6.	Noi Naadal and Noi Mudhal Naadal	1. Noi Naadal - I 2. Noi Naadal - II 3. Nunnuyiriyal
7.	Sattam Saarntha Maruthuvamum Nanju Maruthuvamum	Sattam Saarntha Maruthuvamum Nanju Maruthuvamum
8.	Noi Anugavidhi including Research Methodology and Medical Statistics	1. Noi Anugavidhi Ozhukkam 2. Research Methodology and Medical Statistics
9.	Maruthuvam	Maruthuvam
10.	Varmam, Puramaruthuvam and Sirappumaruthuvam	Varmam, Puramaruthuvam and Sirappumaruthuvam
11.	Aruvai including Kan, Kathu, Mookku, Thondai, Pal and Thol Maruthuvam	Aruvai including Kan, Kathu, Mookku, Thondai, Pal and Thol Maruthuvam
12.	Sool and Magalir Maruthuvam	Sool and Magalir Maruthuvam
13.	Kuzhanthai Maruthuvam	Kuzhanthai Maruthuvam

(G) **Electives.-** (i) Electives are introduced in B.S.M.S. curriculum to provide opportunity to student of Siddha to get introduced, exposed and oriented to various allied subjects that are required to understand and build inter-disciplinary approach.

(ii) The electives shall be conducted as online programme.

(iii) Each elective subject shall be of forty-five hours duration and divided in five modules and each module shall have nine hours i.e., five hours of teaching, two hours of guided learning, one hour each for expert interaction/reflection and assessment and in total, each elective will have twenty-five hours of teaching, ten hours of guided learning, five hours of expert interaction/reflection and five hours of assessment (five assessments of one hour each).

Explanation.- For the purpose of these regulations, Teaching means video lectures, power point presentations, audio lectures, video clippings, audio clippings, technical images, study material etc.

(iv) The study hours for electives are over and above the prescribed teaching hours of B.S.M.S. under these regulations.

(H) **Clinical Training.-** (i) Clinical training of the student shall start from the First Professional session onwards and subject related clinical training shall be provided in the attached hospital by the concerned faculty and department in non-lecture hour (in addition to regular practical and demonstrative teaching) as per the requirement of the subject as under-

(a) application of Siddha basic principles in Out-Patient Department (OPD) and In-Patient Department (IPD) patients including three humoral theory, five elemental theory, epistemology, ninety-six thathwas, clinical concern on Ezhu udalkattugal, orientation on basic properties of drug and drug selection method, Siddha way of case sheet writing, patient registration, communication with patients etc. by the Department of Siddha Maruthuva Moola Thathuvam and Language faculty;

(b) clinical and applied physiology in clinical conditions, training in the assessment of vital signs including pulse rate, respiratory rate, body temperature, blood pressure, measurement of height and weight, calculation of Body Mass Index (BMI), reading Electrocardiography (ECG),

hematological test procedures etc., application of Siddha basic principles or envagai thervu in OPD/IPD cases, case sheet writing in Siddha aspect etc. by the Department of Udal Thathuvam;

(c) applied anatomy in clinical conditions, application of posture for clinical examination, surface anatomy, abdomen quadrants and localization, location of blood vessels, examination of muscle movements and integrity, reading X-ray, Computerised Tomography (CT) and Magnetic Resonance Imaging (MRI) etc. by the Department of Udal Koorugal; and

(d) lab oriented training in biochemical, microbiological investigations, laboratory reports of OPD/IPD cases- interpretations- and its clinical correlation etc. by biochemistry and microbiology faculty.

- (ii) (a) Clinical training for the Second Professional session shall be conducted as per clause A (iv) of sub-regulation (1) of regulation 8 and clinical attendance shall be maintained by the concerned faculty and department.

(b) Clinical training for the Second professional session shall be provided in accordance with the requirement of subjects as under-

(A) diagnosis and assessment of prognosis through envagai thervu, application of Siddha principles in OPD and IPD patients, examination of muthodam migu gunam or kurai gunam features in patients, training on naadi/ neerkkuri- neikkuri parisothanai, assessment of body temperament or yaakkai, laboratory investigations-interpretations-and its clinical correlations, training in screening OPD etc. by the Department of Noi Naadal and Noi Mudhal Naadal;

(B) preventive medicines and measures, prescription of pathya unavu or therapeutic diet for OPD and IPD patients, culinary medicine, functional food, life style management, research perspectives of clinical cases, clinical documentation, writing case studies and case series, preparation of simple clinical research proposal, scientific writing etc. by the Department of Noi Anugavidhi including Research methodology;

(C) orientation in prescription patterns, medicine names, forms, dosage, anupanam, thunai marunthu, marunthirrkana pathyam, marunthunnum kalam, method of mixing or compounding of medicines, procurement of fresh herbs for hospital use, preparation of simple medicines used in the hospital, teaching pharmacy training etc. by the Department of Gunapadam Marunthiyal, Medicinal botany and Department of Gunapadam Marunthakaviyal; and

(D) Sattam Saarntha Maruthuvamum and Nanju Maruthuvamum department shall give orientation and training in case sheet writing, diagnosis and treatment of OPD and IPD cases, adverse drug reactions and anti-dotes, hospital pharmacy training, medico-legal aspects, medical related certificates etc.

- (iii) The clinical training, during the Third (Final) Professional session as mentioned under clause A (v) of sub-regulation (1) of regulation 8 shall be on rotation basis in the following clinical departments, namely:-

(a) Maruthuvam (Medicine): OPD, IPD and specialty clinics functioning under the department if any;

(b) Varmam, Puramaruthuvam and Sirappumaruthuvam (Varmam, External Therapy and Special Medicine): OPD, IPD, Thokkanam, Varmam/Puramaruthuvam therapy block, Yoga therapy room, and specialty clinics functioning under the department if any;

(c) Aruvai including Kan, Kathu, Mookku, Thondai, Pal and Thol Maruthuvam (Surgery including Ophthalmology, ENT, Dentistry and Dermatology): OPD, IPD, Operation Theatre and specialty clinics functioning under the department if any;

(d) Sool and Magalir Maruthuvam (Obstetrics and Gynaecology): OPD, IPD, Labour room, Procedural room and specialty clinics functioning under the department if any;

(e) Kuzhanthai Maruthuvam (Paediatrics): OPD, IPD and specialty clinics functioning under the department if any; and

(f) Avasara Maruthuvam (Emergency Medicine/Casualty) under Department of Maruthuvam.

9 Methodology for supplementing modern advances, scientific and technological development in Indian System of Medicine (SMASTD-ISM).-

(1) To accomplish the requirement under sub-section (h) of section 2 of National Commission for Indian System of Medicine Act 2020 regarding, supplementation of modern advances, scientific and technological developments in Indian System of Medicine (SMASTD-ISM), all the thirteen departments as mentioned in clause (F) of sub-regulation (1) of regulation 8, shall be treated as thirteen verticals in addition there shall be two more verticals one each for education and research and each vertical shall be supplemented, enriched and updated with relevant and appropriate advances and developments in the area of diagnostic tools, conceptual advancements and emerging area as under-

- (i) Innovations or advances or new developments in Basic Sciences like Biology, Chemistry, Physics, Mathematics, Microbiology, Biochemistry, Anatomy, Physiology, Medicinal Botany and Pharmacognacy, Bioinformatics, Molecular Biology, Immunology etc.;
- (ii) Diagnostic advancements;
- (iii) Therapeutic technology;
- (iv) Surgical technique or technology;
- (v) Pharmaceutical technology including Quality and Standardisation of drugs, drug development etc.;
- (vi) Teaching, Training methods and Technology;
- (vii) Research methods, Parameters, Equipment and Scales etc.;
- (viii) Technological advancements, Automation, Software, Artificial Intelligence, Digitalisation, Documentation etc.;
- (ix) Biomedical advancements;
- (x) Medical Equipments ;
- (xi) any other innovations, advances, technologies and developments that are useful for understanding, validating, teaching, investigations, diagnosis, treatment, prognosis, documentation, standardisation and conduction of research in Siddha.

(2) There shall be multi-disciplinary core committee constituted by National Commission for Indian System of Medicine for the purpose of supplementation of modern advances, scientific and technological developments in Indian System of Medicine, that identify the advances and developments that are suitable and appropriate to include in any one or multiple verticals.

(3) There shall be an expert committee for each vertical constituted by Board of Unani, Siddha and Sowa Rigpa to define and suggest the method of adaptation and incorporation of the said advances and developments and also specify the inclusion of the same at under-graduate or post-graduate level and the expert committee shall develop detailed methodology for usage, standard operating procedure and interpretation as required.

(4) Any teaching staff, practitioner, researchers, students and innovators etc. may send their suggestions through a portal specified by National Commission for Indian System of Medicine regarding supplementation of modern advances, scientific and technological developments in Indian System of Medicine and such suggestions shall be placed before core committee for consideration.

(5) The modern advances shall be incorporated with due interpretation of the said advances based on the principles of Siddha supported by the studies and after five years of inclusion of such advances in syllabus, they shall be considered as part of Siddha and will be defined/described in Siddha terminology.

(6) Once core committee approves the recommendations of the expert committee, National Commission for Indian System of Medicine shall direct the Board of Unani, Siddha and Sowa Rigpa to include the same in

curriculum of under-graduate or post-graduate as specified by expert committee and the commission shall issue guidelines or if required conduct orientation of teachers for incorporation of the recommended modern advancement or scientific and technological development.

(7) The proportion of modern advances with that of Siddha teaching contents shall not exceed 40 percent.

(8) Composition of the Committees for SMASTD-ISM.—There shall be a Core Committee and an Expert Committee for each vertical and the composition of such committees shall be as under—

(a) Composition of SMASTD-ISM Core Committee (Siddha).—

The SMASTD-ISM shall be eleven-member committee comprises of,—

- (i) President, Board of Unani, Siddha and Sowa Rigpa— Chairperson;
- (ii) two experts from Siddha (one expert each from Siddha Maruthuva Adippadai Thathuvangalum Varalarum)— members;
- (iii) one expert (either retired or in service) each from CSIR, CCRS, ICMR, DBT, Technocrat, Biomedical Engineering— member;
- (iv) one Educational Technologist— member;
- (v) member of Board of Unani, Siddha and Sowa Rigpa—Member Secretary.

Provided that the core committee can co-opt any expert as per the specific needs with the due permission of the Chairman, National Commission for Indian System of Medicine.

Terms of Reference.— (i) The term of the committee shall be three years from the date of its constitution.

(ii) The committee shall meet at least twice in a year.

(iii) The committee shall identify any modern advances, scientific and technological developments as listed above that are relevant and applicable to Siddha either to.—

- (A) understand, validate, or for conduction of research activities in Siddha;
- (B) useful for diagnosis or prognosis of a specific clinical condition and treatment;
- (C) useful for teaching and training;
- (D) useful for health care services through Siddha.

(iv) The committee shall ensure the applicability of the identified modern advancement or scientific and technological development to basic principles of Siddha with the help of two experts from Siddha.

(v) To identify and recommend suitable experts for the Expert Committee to develop methodology for identification of modern advance or development.

(vi) To suggest the application of the advances or developments in terms its usage in specific vertical or to incorporate in under-graduate or post-graduate syllabus etc. as the case may be.

(vii) As the modern science and technology is ever changing, the core committee shall identify the outdated part of the modern science and technology and suggest National Commission for Indian System of Medicine to replace it with the appropriate modern advances.

(b) Composition of Expert Committee (Siddha).—

The Expert Committee shall be constituted by Board of Unani, Siddha and Sowa Rigpa; comprise of five members as under—

- (i) Subject Expert as decided by Board of Unani, Siddha and Sowa Rigpa—Chairperson;
- (ii) two experts from relevant Siddha subjects — members;
- (iii) one expert from relevant modern subject— member;
- (iv) one expert from teaching technology— member.

Provided that the Expert Committee can co-opt concerned expert in accordance to the selected area with the permission of President, Board of Unani, Siddha and Sowa Rigpa.

Terms of Reference.- (i) The term of the committee shall be three years from the date of its constitution.

(ii) The committee shall meet as many times as per the direction of the President Board of Unani, Siddha and Sowa Rigpa (BUSS).

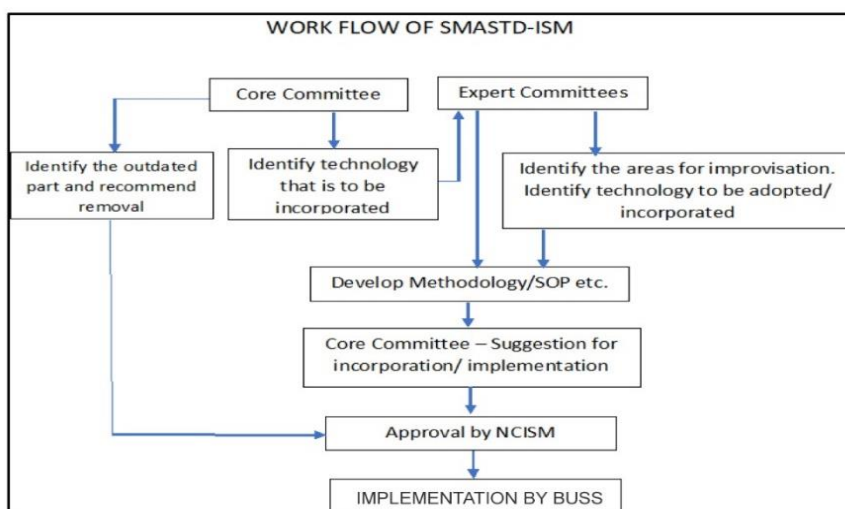
(iii) The committee shall work on the suggestions from the core committee and decide how to incorporate it in the syllabus, its mode of teaching (i.e., lecture/non-lecture) and the assessment with the help of educational technologist.

(iv) The committee shall first understand the application of modern advances that are identified to incorporate and its relevance to the basic principles of Siddha.

(v) The committee shall also identify the need of advance technology in Siddha particular to that vertical and identify the suitable technology and recommends its usage along with standard operating procedure or methodology.

(vi) The committee shall suggest core committee regarding the modern advances and technology to be included at under-graduate or post-graduate level.

(vii) The work flow of the SMASTD-ISM shall be as under -



10 Examination.-(a) (i) The First Professional examination shall ordinarily be held and completed by the end of First Professional session;

(ii) the student who failed in one or two subjects of First Professional shall be allowed to keep terms of the Second Professional session and to appear in Second Professional examination;

(iii) the student who failed in more than two subjects shall not be allowed to keep term in Second Professional session and the subsequent supplementary examinations of First Professional shall be held at every six months.

(b) (i) The Second Professional examination shall ordinarily be held and completed by the end of Second Professional session;

(ii) the student who failed in one or two subjects of Second Professional shall be allowed to keep the terms of the Third (Final) Professional session;

- (iii) the students who failed in more than two subjects shall not be allowed to keep terms in Third (Final) Professional session and the subsequent supplementary examinations of Second Professional shall be held every six months.
- (c) (i) The Third (Final) Professional examination shall ordinarily be held and completed by the end of Third (Final) Professional session;
- (ii) Before appearing for Third (Final) Professional examination, the students shall have to pass all subjects of First and Second Professional and shall qualify nine electives.
- (iii) The subsequent supplementary examination of Third (Final) Professional shall be held every six months.
- (d) There shall be no separate class for odd batch student (those students who could not keep the term) and the student have to attend the class along with regular batch or with junior batch as applicable.
- (e) To become eligible for joining the Compulsory Rotatory Internship programme, all three professional examinations shall be passed and qualified in nine electives within a period of maximum ten years from the date of admission.
- (f) The theory examination shall have twenty per cent. marks for Multiple-Choice Questions (MCQ), forty per cent. marks for Short Answer Questions (SAQ) and forty per cent. marks for Long Explanatory Answer Questions (LAQ) and these questions shall cover the entire syllabus of the subject.
- (g) The minimum marks required for passing the examination shall be fifty per cent. in theory component and fifty per cent. in practical component (that include practical and clinical, viva-voce, internal assessment and electives wherever applicable) separately in each subject.
- (h) Evaluation of electives.-** Electives shall be evaluated in terms of attendance and assessment and on the basis of evaluation, the student shall be awarded credits as well as grades as under-
- (i) one credit shall be awarded for attending minimum five hours of a modular programme and a student can earn maximum five credits for each elective;
- (ii) assessment shall be conducted at the end of each module and average of five modular assessments shall be considered for grading i.e., up to 25 per cent. Bronze; 26-50 per cent. Silver; 51-75 per cent. Gold; 76 per cent. and above Platinum.
- (iii) the structure of the elective shall be as per the following table, namely:-

Table -6
(Structure of Elective)

Each Elective: Five Modules of Nine Hours Each (5*9=45)					
Sl.No.	Component	Duration (Hours)		Credits	Grades
		Module	Elective		
1	Teaching	5	25	One Credit for attending minimum of five hours of each modular programme. Maximum five credits	Grade is awarded on the basis of average of all five modular assessments.
2	Guided Learning	2	10		Bronze: <25 per cent.
3	Expert Interaction/ Reflection	1	5		Silver: 26-50 per cent.
4	Assessment	1	5		Gold: 51-75 per cent.
					Platinum: 76 per cent.& above

- (iv) (a) Student shall have to qualify (obtaining any grade) minimum of three elective subjects for each professional session.
- (b) List of elective subjects shall be made available under three sets (A, B and C) for each professional session i.e., sets FA, FB and FC for first professional B.S.M.S.; sets SA, SB and SC for second professional B.S.M.S.; sets TA, TB and TC for third professional B.S.M.S.
- (c) Student may opt any one elective as per their choice from each set specified for respective professional B.S.M.S.

- (d) Weightage of two marks for each credit and maximum of ten marks shall be awarded for each elective.
 - (e) These elective marks shall be added to the viva-voce marks of respective subjects as specified in these regulations.
 - (f) Apart from three mandatory electives for each profession, students have freedom to choose and qualify as many numbers of additional electives as per their interest.
 - (g) Marks weightage shall be only for three electives per professional session i.e., one elective subject from each set of respective professional session.
 - (h) A separate online certificate shall be generated for each elective mentioning credits earned and grades obtained.
 - (v) The examination branch of the institution shall compile the marks of electives obtained by students as specified above and submit to university through Head of the Institution so that the university shall add the same in viva-voce of respective subjects as shown in **Tables 11,13 and 15**.
 - (i) (i) A candidate obtaining sixty-five per cent. and above marks shall be awarded first class in the subject and seventy-five per cent. and above marks shall be awarded distinction in the subject.
 - (ii) The award of class and distinction shall not be applicable for supplementary examinations.
 - (j) (i) Each student shall be required to maintain minimum seventy-five per cent. attendance in each subject in theory (i.e., lecture hours), and practical/clinical (i.e., non-lecture hours) separately for appearing in examinations.
 - (ii) Where the institute maintains physical attendance register, it shall be recorded in cumulative numbering method as per **Annexure-II** and at end of the course or term or part of the course, after obtaining each student signature the same is to be certified by respective head of department and approved by Head of the Institute.
 - (iii) The approved attendance shall be forwarded to university.
 - (k) If a student fails to appear in regular examination for cognitive reasons, he may appear in supplementary examination as regular student and his non-appearance in regular examination shall not be treated as an attempt.
 - (l) Notwithstanding anything contained in these regulations,-
 - (i) clause 10(e) shall be applicable to the student who got admitted under Indian Medicine Central Council (Minimum Standards of Education in Indian Medicine) Regulations, 1986, except electives and as per section 3 of SCHEDULE II [as amended vide notification no. 18-12/2016 Siddha (Syllabus UG) Regulations, 2016] with 4 professionals.
 - (ii) student who got admitted under Indian Medicine Central Council (Minimum Standards of Education in Indian Medicine) Regulations, 1986, the maximum number of chances and maximum period of years to pass respective professional examination as laid down under the clauses 6(1)(c), 2(c), 3(c), 4(c) and 4(d) of SCHEDULE II [as amended vide notification no. 18-12/2016 Siddha (Syllabus UG) Regulations, 2016] shall not be applicable to him.
- 11 Assessment.**-Assessment of students shall be in the form of Formative and Summative assessments as under-
- (a) **Formative Assessment.**- Students shall be assessed periodically to assess their performance in the class, determine the understanding of programme material and their learning outcome in the following manner, namely:-
 - (i) periodical Assessment shall be carried out at the end of teaching of a topic or module or a particular portion of syllabus and the following evaluation methods as per the following table may be adopted as suits to the content, namely:-

Table – 7
(Evaluation methods for periodical assessment)

Sl.No.	Evaluation Method
1.	Practical /Clinical Performance
2.	Viva Voce / Multiple Choice Question (MCQ)/ Modified Essay Question (MEQ)/Structured Questions
3.	Open Book Test (Problem Based)
4.	Summary Writing (Research papers)
5.	Class Presentations
6.	Work Book Maintenance
7.	Problem Based Assignment
8.	Objective Structured Clinical Examination (OSCE), Objective Structured Practical Examination (OSPE), Mini Clinical Evaluation Exercise (Mini-CEX), Direct Observation Procedures (DOP), Case Based Discussion(CBD)
9.	Extra-curricular activities (Social work, Public awareness, Surveillance activities, Sports or other activities which may be decided by the department).
10.	Small Project

(ii) (a) internal evaluation shall be conducted by the College or Institute at the end of six months (First Term Test) for thirty per cent. of the syllabus and at twelve months (Second Term Test) for forty per cent. new part of the syllabus.

(b) The remaining thirty per cent. of syllabus shall be completed in the last six months (Third Term) before university examination;

(iii) there shall be minimum three periodical assessments for each subject before First Term Test (ordinarily at 6th month of respective professional B.S.M.S.) minimum of three periodical assessment before Second Term Test (ordinarily at 12th month of respective professional B.S.M.S.) and minimum of three periodical assessments before final university examinations (Summative Assessment) of respective professional B.S.M.S.

(iv) the scheme and calculation of assessment shall be as per the following tables, namely:-

Table - 8
[Scheme of Assessment (Formative and Summative)]

Sl.No.	Professional session	Duration of Professional Session		
		First Term (1-6 Months)	Second Term (7-12 Months)	Third Term (13-18 Months)
1	First Professional B.S.M.S.	3 PA and First TT	3 PA and Second TT	3 PA and UE
2	Second Professional B.S.M.S.	3 PA and First TT	3 PA and Second TT	3 PA and UE
3	Third (Final) Professional B.S.M.S.	3 PA and First TT	3 PA and Second TT	3 PA and UE

PA: Periodical Assessment; TT: Term Test; UE: University Examination

Table –9
[Calculation method of Internal Assessment Marks (20 marks)]

Term	Periodical Assessment				Term Test	Term Assessment	
	A	B	C	D	E	F	G
	1 (20)	2 (20)	3 (20)	Average (A+B+C/3) (20)	Theory (MCQ + SAQ + LAQ) & Practical (Converted to 20)	Sub Total	Term Assessment
First						D+E	D+E/2
Second						D+E	D+E/2
Third					Nil	D	D
Final IA	Final Internal Assessment: Average of three Term Assessment marks as shown in 'G' column						

(b) **Summative Assessment.**- (i) Final university examinations conducted at the end of each Professional B.S.M.S shall be Summative Assessment.

(ii) There shall be double valuation system and shall be no provision for revaluation.

(iii) There shall be two examiners (one internal and one external) for university practical /clinical/ viva-voce examinations

(iv) While declaring the results of Summative assessment, Internal Assessment component and Elective marks shall be considered as per the distribution of marks pattern provided in **Tables 11,13 and 15**.

12 The Profession wise Subjects, Number of Papers, Teaching Hours and Marks Distribution shall be as per the following tables, namely:-

Table – 10
(Teaching hours for First Professional B.S.M.S Subjects)

First Professional B.S.M.S <i>Working days = 320, Teaching hours = 1920</i> <i>Induction programme = 15 Working days (90 hours)</i> <i>Remaining days and Teaching hours = 320 – 15 = 305 Days and 1830 Hours respectively</i>					
Sl.No.	Subject Code	Name of subjects	Number of teaching hours		
			Lectures	Non-lectures	Total
1.	SIDUG - SATV	Siddha Maruthuva Adippadai Thathuvangalum Varalaarum [History and Fundamental Principles of Siddha Medicine]	80	160	240
2.	SIDUG – TL SIDUG – CE	Tamil Language (Applicable as per clauses (b) and (c) of sub-regulation (1) of Regulation 4 relating to eligibility for admission) / Communicative English (wherever applicable)	60	120	180
3.	SIDUG - UK	Udal Koorugal (Human Anatomy) Paper I & Paper II	180	360	540

4.	SIDUG - UT	Udal Thathuvam (Human Physiology) Paper I & Paper II	150	300	450
5.	SIDUG - UV	Uyir Vedhiyiyal (Biochemistry)	70	140	210
6.	SIDUG - NU	Nunnuyiriyal (Microbiology).	70	140	210
Total			610	1220	1830

Table – 11

(Number of Papers and Marks Distribution for First Professional B.S.M.S Subjects)

Sl.No.	Subject	Papers	Theory	Practical or Clinical Assessment					Grand Total
				Practical or clinical	Viva	Electives	IA	Total	
1.	Siddha Maruthuva Adippadai Thathuvangalum Varalaarum (History and Fundamental Principles of Siddha Medicine)	1	100	-	30	-	20	50	150
2.	Tamil Language (Applicable as per clauses (b) and (c) of sub-regulation (1) of Regulation 4 relating to eligibility for admission) / Communicative English (wherever applicable)	1	100	-	30	-	20	50	150
3.	Udal Koorugal (Human Anatomy) Paper I & Paper II	2	200	100	20	10 (Set-FA)*	20	150	350
4.	Udal Thathuvam (Human Physiology) Paper I & Paper II	2	200	100	20	10 (Set-FB)*	20	150	350
5.	Uyir Vedhiyiyal (Biochemistry)	1	100	100	20	10 (Set-FC)*	20	150	250
6.	Nunnuyiriyal (Microbiology).	1	100	100	30	-	20	150	250
Grand Total									1500

[*Set: -FA, FB, FC – Sets of Electives for First Professional B.S.M.S]

Table – 12
(Teaching hours for Second Professional B.S.M.S Subjects)

Second Professional B.S.M.S					
Working days = 320, Teaching hours =2240 including 320 clinical hours					
Sl.No.	Subject Code	Name of subjects	Number of teaching hours		
			Lectures	Non-lectures	Total
1.	SIDUG – MT	Maruthuva Thavaraviyal (Medicinal Botany and Pharmacognosy)	80	120	200
2.	SIDUG – GMM	Gunapadam - Marunthiyal (Materia Medica-Pharmacology) Paper I Mooligai (Plant Kingdom) Paper II Thathu & Jeevam (Metals, Minerals and Animal Kingdom)	100	220	320
3.	SIDUG – GMK	Gunapadam - Marunthakaviyal (Materia Medica-Pharmaceuticals) Paper I & Paper II	120	280	400
4.	SIDUG – SSM & NM	Sattam Saarntha Maruthuvamum Nanju Maruthuvamum (Forensic Medicine and Toxicology) Paper I & Paper II	120	140	260
5.	SIDUG – NN1	Noi Naadal - I (Siddha Pathology) Paper I & Paper II	120	200	320
6.	SIDUG – NN2	Noi Naadal - II (Principles of Modern Pathology)	80	120	200
7.	SIDUG – NAVO	Noi Anugavidhi Ozhukkam (Principles and Disciplines of Disease Prevention and Public Health).	120	100	220
8.	Clinical hours at Hospital/Pharmacy/Dispensary/Laboratory etc (1 hour per day)		-	320	320
Total			740	1500	2240

(Note: Clinical hours to be added to non-lecture hours of concerned subject while calculating attendance)

Table – 13
(Number of papers and Marks Distribution for Second Professional B.S.M.S Subjects)

Sl.No.	Subject	Papers	Theory	Practical or Clinical Assessment					Grand Total
				Practical or Clinical	Viva	Electives	IA	Total	
1.	Maruthuva Thavaraviyal (Medicinal Botany and Pharmacognosy)	1	100	100	30	-	20	150	250
2.	Gunapadam - Marunthiyal (Materia Medica – Pharmacology) Paper I Mooligai (Plant Kingdom) Paper II Thathu & Jeevam (Metals,	2	200	100	20	10 (Set-SA)*	20	150	350

	Minerals and Animal Kingdom)								
3.	Gunapadam - Marunthakaviyal (Materia Medica – Pharmaceuticals) Paper I & Paper II	2	200	100	20	10 (Set-SB)*	20	150	350
4.	Sattam Saarntha Maruthuvamum Nanju Maruthuvamum (Forensic Medicine and Toxicology) Paper I & Paper II	2	200	100	30	-	20	150	350
5.	Noi Naadal - I (Siddha Pathology) Paper I & Paper II	2	200	100	20	10 (Set-SC)*	20	150	350
6.	Noi Naadal - II (Principles of Modern Pathology)	1	100	100	30	-	20	150	250
7.	Noi Anugavidhi Ozhukkam (Principles and Disciplines of Disease Prevention and Public Health).	1	100	-	30	-	20	50	150
Grand Total									2050

[*Set: -SA, SB, SC – Sets of Electives for Second Professional B.S.M.S]

Table – 14

[Teaching hours for Third (Final) Professional B.S.M.S Subjects]

Third Professional B.S.M.S <i>Working days = 320, Teaching hours =2240 including 960 clinical hours</i>					
Sl.No.	Subject Code	Name of subject	Number of teaching hours		
			Lectures	Non-lectures	Total
1.	SIDUG - MM	Maruthuvam (Medicine) Paper I & Paper II	160	300	460
2.	SIDUG - VPS	Varmam, Puramaruthuvam and Sirappumaruthuvam (Varmam, External Therapy and Special Medicine) Paper I & Paper II	160	300	460
3.	SIDUG – AM	Aruvai including Kan, Kathu, Mookku, Thondai, Pal and Thol Maruthuvam (Surgery including Ophthalmology, ENT, Dentistry and Dermatology) Paper I & Paper II	140	270	410

4.	SIDUG – SMM	Sool and Magalir Maruthuvam (Obstetrics and Gynaecology) Paper I & Paper II	110	240	350
5.	SIDUG – KM	Kuzhanthai Maruthuvam (Paediatrics) Paper I & Paper II	110	240	350
6.	SIDUG - RM	Research Methodology and Medical Statistics	60	90	150
7.	Avasara Maruthuvam (Emergency Medicine or Casualty)		-	60	60
Total			740	1500	2240

(Out of 960 clinical hours in non-lecture hours, a student shall undergo clinical postings/classes for 180 hours (60 days X 3 hours) in each clinical department and 60 hours (20 days X 3 hours) in Avasara Maruthuvam. The remaining hours of non-lecture hours in each subject to be allotted for demonstrative teaching)

Table – 15

[Number of Paper and Marks Distribution for Third (Final) Professional B.S.M.S Subjects]

Sl.No.	Subject	Papers	Theory	Practical or Clinical Assessment					Grand Total
				Practical or clinical	Viva	Electives	IA	Total	
1.	Maruthuvam (Medicine) Paper I & Paper II	2	200	100	20	10 (Set-TA)*	20	150	350
2.	Varmam, Puramaruthuvam and Sirappumaruthuvam (Varmam, External Therapy and Special Medicine) Paper I & Paper II	2	200	100	20	10 (Set-TB)*	20	150	350
3.	Aruvai including Kan, Kathu, Mookku, Thondai, Pal and Thol Maruthuvam (Surgery including Ophthalmology, ENT, Dentistry and Dermatology) Paper I & Paper II	2	200	100	20	10 (Set-TC)*	20	150	350
4.	Sool and Magalir Maruthuvam (Obstetrics and Gynaecology) Paper I & Paper II	2	200	100	30	-	20	150	350
5.	Kuzhanthai Maruthuvam (Paediatrics) Paper I & Paper II	2	200	100	30	-	20	150	350
6.	Research Methodology and Medical Statistics	1	100	-	30	-	20	50	150
Grand Total									1900

[*Set: -TA, TB, TC – Sets of Electives for Third (Final) Professional B.S.M.S]

13 Migration of student during the study.-

- (1) The students may be allowed to take the migration to continue their study to another college after passing the First Professional examination, but failed student's 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 shall be against the vacant seat.

14 Compulsory Rotatory Internship.-(a) (i) The duration of Compulsory Rotatory Internship including Internship Orientation Programme shall be one year and ordinarily commence on first working day of April for regular batch students and first working day of October for supplementary batch students.

- (ii) The student shall be eligible to join the Compulsory Internship programme after passing all the subjects from First to Third (Final) Professional Examination including qualifying nine electives and after getting Provisional Degree Certificate from respective universities and Provisional Registration Certificate from respective State Board or Council for Compulsory Rotatory Internship.
- (b) Stipend: During internship, to the interns belonging to Central Government, State Government and Union territory institution, the stipend shall be paid at par with other medical system under respective government and there shall not be any discrepancy between medical systems.
- (c) Migration during Internship.-
 - (i) Migration of internship shall be with the consent of both the colleges and universities, in the case where the migration is in between the colleges of two different universities.
 - (ii) If migration is only between colleges of the same university, the consent of both the colleges shall be required.
 - (iii) Migration shall be accepted by the university on the production of the character certificate issued by the Institute or College and the application forwarded by the college and university with a 'No Objection Certificate' as the case may be.
- (d) Orientation programme.-
 - (i) The interns shall mandatorily attend an orientation programme regarding internship and it shall be the responsibility of the teaching institution to conduct the orientation before the commencement of the Internship.
 - (ii) The orientation shall be conducted with an intention to make the intern to acquire the requisite knowledge about the Rules and Regulations of the Medical Practice and Profession, Medical Ethics, Medico-Legal Aspects, Medical Records, Medical Insurance, Medical Certification, Communication Skills, Conduct and Etiquette, National and State Health Care programme.
 - (iii) The orientation workshop shall be organized at the beginning of internship and an e-Logbook shall be maintained by each intern, in which the intern shall enter date-wise details of activities undertaken by him during orientation.
 - (iv) The period of orientation shall be of seven days.
 - (v) The manual for conducting the orientation as prescribed from time to time by the National Commission for Indian System of Medicine shall be followed.
- (e) **Activities during Internship.-**
 - (i) The daily working hours of intern shall be not less than eight hours; the intern shall maintain an e-Log book containing all the activities undertaken by him during internship.
 - (ii) Normally one-year internship shall be as under-
 - (A) Option I.- Divided into clinical training of six months in the Siddha Hospital attached to the College and Six months in Primary Health Centre (PHC) or Community Health Centre (CHC) or Rural Hospital or District Hospital or Civil Hospital or any Government Hospital of Modern Medicine or Siddha Medicine or Siddha Dispensary or Clinical Unit of Central Council for Research in Siddha (CCRS) or National Institute of Siddha or National Accreditation Board for Hospitals (NABH) accredited Private Hospital of Siddha. Only OPD based clinics having NABH accreditation shall not be eligible for internship.
 - (B) Option II.- All twelve months in Siddha Hospital attached to the college.
 - (iii) The clinical training of six or twelve months, as case may be, in the Siddha Hospital attached to the College or in Non-teaching Hospitals laid down by the National Commission for Indian System of Medicine shall be conducted as per the following table, namely: -

Table – 16

(Distribution of Internship duration at Siddha teaching hospital, attached to the college)

Sl.No.	Departments	Option I	Option II
1.	Maruthuvam (OPD and related specialities, respective IPD)	Forty-five days	Three months
2.	Varmam, Puramaruthuvam and Sirappumaruthuvam (OPD and related specialities, respective IPD, Thokkanam-Varmam-Puramaruthuvam therapy block, Yoga)	Forty-five days	Three months
3.	Aruvai including Kan, Kadhu, Mookku, Thondai, Pal and Thol Maruthuvam (OPD and related specialities, respective IPD, OT)	One month	Two months
4.	Sool and Magalir Maruthuvam (OPD and related specialities, respective IPD, Labour room)	One month	Two months
5.	Kuzhanthai Maruthuvam (OPD and related specialities, respective IPD)	Fifteen days	One month
6.	Avasara Maruthuvam	Fifteen days	One month
7.	PHC, CHC, District Hospital etc. as mentioned in Option I under the clause (ii), sub-regulation (e) of regulation 14	Six months	-----

(iv) (a) The interns shall be posted in any of the following centers where, National Health Programme are being implemented and these postings shall be to get oriented and acquaint the knowledge of implementation of National Health Programme in regard to,-

- (A) Primary Health Centre;
- (B) Community Health Centre or Civil Hospital or District Hospital;
- (C) any recognised or approved Hospital of Modern Medicine;
- (D) any recognised or approved Siddha Hospital or Dispensary;
- (E) in a clinical unit of the Central Council for Research in Siddha or National Institute of Siddha;

(b) all the above institutes mentioned in clauses (A) to (E) shall have to be recognised by the concerned university or Government designated authority for taking such a training.

(v) The intern shall undertake the following activities in respective department in the hospital attached to the college, namely:-

(A) Maruthuvam (Medicine).- The intern shall be practically trained to acquaint with and to make him competent to deal with following, namely: -

- (i) all routine works such as case taking, physical examination, investigations, diagnosis and management of diseases confined to general medicine;
- (ii) line of treatment of diseases;
- (iii) routine clinical pathology work such as haemoglobin estimation, complete haemogram, urine analysis, microscopic examination of blood smear, sputum examination, stool examination, neerkuri, neikkuri, mala parisodhanai, interpretation of laboratory data and clinical findings etc; all hematological, biochemical, pathological, radiological investigations, imaging studies and all advanced modern investigations useful for diagnosis and assessment of prognosis;
- (iv) Siddha diagnostics methods: envagai thervu including naadi parisodhanai, manikadainool etc;
- (v) application of puramaruthuvam and special medicines in medical cases;
- (vi) training in routine ward procedures, mixing and compounding medicines, supervision of patients in respect of their diet, habits and verification of medicine schedule;

(vii) maintaining clinical records.

(B) Varmam, Puramaruthuvam and Sirappumaruthuvam (Varmam, External Therapy and Special Medicine).- The intern shall be practically trained to acquaint with and to make him competent to deal with following, namely: -

- (i) all routine works such as case taking, physical examination, investigations, diagnosis and management of diseases confined to varmam, puramaruthuvam and sirappumaruthuvam;
- (ii) location of varmam points;
- (iii) diagnosis of various pathological varma conditions, application of varmam treatment procedures and techniques;
- (iv) application of various puramaruthuvam procedures/techniques and special emphasis on thokkanam techniques;
- (v) fractures, dislocations and their management;
- (vi) geriatric care (moopiya);
- (vii) management of neuro-musculo-skeletal disorders with special medicines;
- (viii) management of psychiatric cases (ulapirazhvu noi);
- (ix) maintenance of mental health;
- (x) kayakarpam (rejuvenation therapy);
- (xi) practical training on therapeutic application of yoga, pranayamam and dhyanam;
- (xii) maintaining clinical records.

(C) Aruvai including Kan, Kathu, Mookku, Thondai, Pal and Thol Maruthuvam (Surgery including Ophthalmology, ENT, Dentistry and Dermatology).- The intern shall be practically trained to acquaint with and to make him competent to deal with following, namely: -

- (i) all routine works such as case taking, physical examination, investigations, diagnosis and management of surgical conditions/disorders according to Siddha principles under Aruvai, Agni and Kaaram;
- (ii) practical training in handling of Siddha surgical instruments, aseptic or antiseptic techniques and sterilization of surgical instruments;
- (iii) intern shall be involved in pre-operative, post-operative managements and Siddha operative procedures;
- (iv) Siddha surgical procedures including attai vidal (leech therapy), aruvai (excision), kuruthi vaangal (blood letting), salagai (probing), varthi (medicated wick), oothal (blowing), peechu (enema / douch), urinjal (sucking), kattuthal (bandaging), chuttigai (cauterization), vedhu (steam therapy), pugai (fumigation) and karam (caustic application);
- (v) practical use of local anesthetic techniques and knowledge of anesthetic drugs;
- (vi) radiological studies, clinical interpretation of X-ray, intra-venous pyelogram, barium meal, sonography, electrocardiogram, imaging studies including CT, MRI and PET-CT scan;
- (vii) examination of eye, ear, nose, throat, skin, teeth and other parts of the body with the supportive instruments, diagnosis of disease and management;
- (viii) surgical procedures and routine techniques such as –
 - (a) suturing of fresh injuries;
 - (b) dressing of wounds, burns, ulcers and similar ailments;
 - (c) incision and drainage of abscess;
 - (d) excision of cysts;
 - (e) venesection;
 - (f) preparation and application of kaaranool in ano-rectal diseases;
 - (g) examination with proctoscope;

- (ix) training in IV fluid infusion and transfusion procedures;
- (x) hospital infections and preventions; and
- (xi) maintaining clinical records.

(D) Sool and Magalir Maruthuvam (Obstetrics and Gynaecology).-The intern shall be practically trained to acquaint with and to make him competent to deal with following, namely: -

- (i) all routine works such as case taking, physical examination, investigations, diagnosis and management of obstetrics and gynaecological disorders;
- (ii) ante-natal and post-natal problems and their remedies; ante-natal and post-natal care;
- (iii) management of normal and abnormal labours;
- (iv) practical training on handling gynaecological related/ labour room instruments like speculum, dilator, vulsellum etc. and sterilization;
- (v) minor and major obstetric surgical procedures;
- (vi) training on ultrasonogram, necessary investigations and interpretations;
- (vii) application of puramaruthuvam in gynaecological conditions;
- (viii) examination of breast, vaginal smear etc; and
- (ix) maintaining clinical records.

(E) Kuzhanthai Maruthuvam (Paediatrics).-The intern shall be practically trained to acquaint with and to make him competent to deal with following, namely: -

- (i) all routine works such as case taking, physical examination, investigations, diagnosis and management of paediatric cases;
- (ii) care for new born child along with immunization programme and Siddha immune boosters;
- (iii) important paediatric problems and management;
- (iv) training on ultrasonogram, necessary investigations and interpretations;
- (v) application of puramaruthuvam in paediatric cases;
- (vi) maintaining clinical records.

(F) Avsara Maruthuvam (Emergency Medicine or casualty) (shall be functioning under Maruthuvam Department).-The intern shall be practically trained to acquaint with and to make him competent to deal with all emergency conditions and participate actively in casualty section of the hospital in identification of casualty and trauma cases and their first aid treatment and also procedure for referring such cases to the identified hospitals.

(vi) The intern shall complete online course on Public Health as laid down by National Commission for Indian System of Medicine, in addition to their regular duties.

(vii) The internship training in Primary Health Centre or Community Health Centre or Rural Hospital or District Hospital or Civil Hospital or any Government Hospital of Modern Medicine or Siddha Hospital or Dispensary.-

During the six months internship training in Primary Health Centre or Rural Hospital or Community Health Centre or District Hospital or Civil Hospital or recognised or approved Hospital of Modern Medicine or Siddha Hospital or Dispensary or Clinical unit of the Central Council for Research in Siddha or National Institute of Siddha, the interns shall,-

- (A) get acquainted with routine of the primary health centre and maintenance of their records;
- (B) get acquainted with the diseases more prevalent in rural and remote areas and their management;
- (C) involve in teaching of health care methods to rural population and also various immunization programme;
- (D) get acquainted with the routine working of the medical or non-medical staff of Primary Health Centre/other hospitals and be always in contact with the staff in this period;

(E) get familiarized with the work maintaining the relevant register like daily patient register, family planning register, surgical register etc. and take active participation in different Government health schemes or programme;

(F) participate actively in different National Health Programme implemented by the State Government; and

(G) get trained in Diagnosis, Siddha treatment, external treatment procedures, Siddha special treatment methods, Siddha specialty OPDs, and research.

(viii) Electronic Logbook.-(a) It shall be compulsory for an intern to maintain the record of procedures done/assisted/observed by him on day-to-day basis in specified e-Logbook and the intern shall maintain a record of work, which is to be verified and certified by the Medical Officer or Head of the Department or Unit under whom he works.

(b) Failure to produce e-Logbook, complete in all respects duly certified by the concerned authority to the Dean/Principal/Director at the end of internship training programme, may result in cancellation of his performance in any or all disciplines of internship training programme.

(c) The Institution shall retain soft copy of the completed and certified e-Logbook and is to be made available for verification.

(ix) Evaluation of Internship.- (A) The evaluation system shall assess the skills of a candidate while performing the minimum number of procedures as enlisted with an objective that successful learning of these procedures will enable the candidate to conduct the same in his actual practice.

(B) The evaluation shall be carried out by respective Head of the Department at the end of each posting and the report shall be submitted to Head of the institute in Form-1 under **Annexure-III**.

(C) On completion of one year of compulsory rotatory internship including online course on Public Health, the Head of the Institute evaluate all the assessment reports in the prescribed Form-1 under **Annexure-III**, provided by various Head of the Department at the end of respective posting and if found satisfactory, the intern shall be issued Internship Completion Certificate in Form-2 under **Annexure-IV** within seven working days.

(D) If a candidate's performance is declared as unsatisfactory upon obtaining below fifteen marks as per Form-1 under **Annexure-III** or less than fifty per cent. of marks, in an assessment in any of the departments he shall be required to repeat the posting in the respective department for a period of thirty per cent. of the total number of days, laid down for that department in Internship training and posting.

(E) Candidate shall have the right to register his grievance in any aspects of conduct of evaluation and award of marks, separately to the concerned Head of the Department and Head of the Institution, within three days from the date of completion of his evaluation, and on receipt of such grievance, the Head of the Institution in consultation with the Head of the concerned Department shall redress and dispose of the grievance in an amicable manner within seven working days.

(x) Leave for interns.- (A) During compulsory rotatory internship of one year, twelve leaves are permitted and any kind of absence beyond twelve days shall be extended accordingly.

(B) Intern cannot take more than six days leave including prefix or suffix of any kind of holidays at a time.

(xi) Completion of internship.- If any delay in the commencement of internship or abnormal break during internship due to unavoidable conditions, in such cases internship period shall be completed within maximum period of three years from the date of passing the qualifying examination of Third (Final) Professional B.S.M.S including First and Second Professional Examinations and qualifying nine electives, specified as eligibility for internship:

Provided that in such cases, the student shall get prior permission from the head of the institution in written with all supporting documents and it shall be the responsibility of the head of the institution to scrutiny the documents, and assess the genuine nature of the request before issuing permission letter and while joining internship, the student shall submit the request letter along with supporting documents, and all necessary documents as mentioned in the sub-regulation (a) and undergo the internship orientation programme as mentioned in the sub-regulation (d).

15 Tuition fee.- The tuition fee as laid down and fixed by respective governing or fee fixation committees as applicable shall be charged for four and half years only and no tuition fee shall be charged for extended

duration of study in case of failing in examinations or by any other reasons and there shall not be any fee for internship doing in the same institute.

16 Qualifications and experience for teaching staff.- (a) Essential qualification.-(i) a Bachelor Degree in Siddha from a university or its equivalent as recognised by the Central Council of Indian Medicine or National Commission for Indian System of Medicine under the Act; and

(ii) a Post-graduate qualification in Siddha in the concerned subject or specialty from a university recognised by the Central Council of Indian Medicine or National Commission for Indian System of Medicine under the Act;

(iii) a valid registration with the concerned State Board or Council where he is employed or a valid Central or National Registration Certificate issued by the Central Council of Indian Medicine or National Commission for Indian System of Medicine:

“This is not applicable for teachers of non-medical qualifications,”

(iv) qualification for the subjects of Tamil or Communicative English, Medicinal Botany and Pharmacognosy, Biochemistry, Anatomy, Physiology, Microbiology, Public Health, Pharmacology.- teachers with post-graduate degree (regular) from a recognized university in the subject concerned and having University Grants Commission/Council of Scientific and Industrial Research/Indian Council of Medical Research National Eligibility Test (whichever applicable) may also be appointed without qualifying National Teachers Eligibility Test; and

(v) The teachers having Bachelor Degree in Siddha and Post-graduate in the relevant modern science disciplines as mentioned in the clause (iv) sub-regulation (a) of regulation 16 of these regulations and as referred to clause (h) of section 2 of Act and as mentioned in regulation 9 of these regulations and having University Grants Commission/Council of Scientific and Industrial Research/Indian Council of Medical Research National Eligibility Test qualification shall be eligible to appoint without qualifying the National Teachers Eligibility Test.

(vi) Teacher with the following qualifications obtained from a recognised university or institution may be appointed in respective departments as per following table namely:-

Table-17

(Qualifications and Departments for Appointment)

Sl.No.	Qualification	Department
1	B.S.M.S.and M.Sc Anatomy	Udal Koorugal
2	B.S.M.S.and M.Sc Physiology	Udal Thathuvam
3	B.S.M.S.and M.Sc Biochemistry	Udal Thathuvam
4	B.S.M.S.and M.Sc Microbiology	Noi Naadal
5	B.S.M.S.and M.Sc Botany	Gunapadam Marunthiyal
6	B.S.M.S.and M.P.H	Noi Anugavidhi
7	B.S.M.S.and M.Sc Pharmacology or Medical Pharmacology	Gunapadam Marunthiyal

Teachers with above qualifications shall not be more than one in specified departments.

(b) Experience.- (i) For the Post of Professor.-

(A) Ten years of teaching experience as regular teacher in the concerned subject or five years teaching experience as Associate Professor or Reader on regular basis in the concerned subject; or

(B) Ten years research experience as full-time researcher (after possessing Post-graduate qualification in the concerned subject) in Research Councils of Central Government or State Government or Union territory or University or National Institution or National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited Research Laboratory or ten years of experience in regular service (after possessing Post-graduate qualification in the concerned subject) in Central Government Health Services or State

Government Health Services, Ministry of Ayush or ten years of experience (after possessing Post-graduate qualification in the concerned subject) as Assistant Registrar or Registrar in Central Council of Indian Medicine having qualified National Teachers Eligibility Test from the date it is operational and with any one of the following three criteria, namely:- (i) minimum of five research articles published in indexed journals (UGC-CARE, PubMed, Web of Science, Science Citation Index, Scopus); or

(ii) minimum of three research articles published in indexed journals (UGC-CARE, PubMed, Web of Science, Science Citation Index, Scopus) and one Published book or Manual relevant to Siddha; or

(iii) investigator for any major research project (duration of the project three years and above as per the sanctioned letter); and

(iv) having post-graduate qualification in concerned subject except in the subjects or specialty of Aruvai Maruthuvam, Sool and Magalir Maruthuvam:

Provided that the in-service candidate shall have completed his post-graduation in concerned subject before the completion of forty-five years of his age.

(ii) For the Post of Associate Professor.-

(A) Five years of teaching experience as regular teacher in the concerned subject; or

(B) Five years of research experience as full-time researcher (after possessing Post-graduate qualification in the concerned subject) in Research Councils of Central Government or State Government or Union territory or University or National Institutions or National Accreditation Board for Testing and Calibration Laboratories (NABL) Accredited Research Laboratories or five years of experience in regular service (after possessing Post-graduate qualification in the concerned subject) in Central Government Health Services or State Government Health services, Ministry of Ayush or five years of experience (after possessing Post graduate qualification in the concerned subject) as Assistant Registrar or Registrar in Central Council of Indian Medicine having qualified National Teachers Eligibility Test from the date it is operational and with any one of the following three criteria, namely:- (i) minimum of three research articles published in indexed journals (UGC-CARE, PubMed, Web of Science, Science Citation Index, Scopus); or

(ii) minimum of one research article published in indexed journals (UGC-CARE, PubMed, Web of Science, Science Citation Index, Scopus) and one Published book or Manual relevant to Siddha; or

(iii) investigator for any major research project (duration of the project three years and above as per the sanctioned letter) or minor research project (duration of the project less than three years as per the sanctioned letter); and

(iv) having post-graduate qualification in concerned subject except in the subjects or specialty of Aruvai Maruthuvam, Sool and Magalir Maruthuvam:

Provided that the in-service candidate shall have completed his post-graduation in concerned subject before the completion of forty-five years of his age.

(iii) For the Post of Assistant Professor.-No teaching experience shall be required but, the age shall not exceed forty-five years at the time of first appointment.

(iv) Qualification for teacher of Research Methodology and Medical Statistics shall be a post-graduate degree in Medical Statistics or Biostatistics or Epidemiology or other relevant discipline of Research Methodology or Medical Statistics:

Provided that, the post-graduates of Siddha, who have studied Research Methodology or Medical Statistics as one of the subjects in their post-graduation or the post-graduates of Siddha, who have successfully completed the online course in Research Methodology or Medical Statistics conducted by the National Institute of Epidemiology of Indian Council of Medical Research shall also be eligible to teach the subject of Research Methodology and Medical Statistics and shall be given preference at the time of appointment and the teacher of Research Methodology and Medical Statistics can be appointed on part time basis and shall work under the Department of Noi Anugavidhi and such part time teachers shall not be provided teacher's code.

- (v) Qualification for Yoga instructor (full time) shall be minimum a graduate degree in Yoga and shall work under the Department of Varmam, Puramaruthuvam and Sirappumaruthuvam. Post-graduate in Siddhar Yoga Maruthuvam (or) the candidate with under-graduation in Siddha and post-graduation in Yoga shall also be eligible for the same. There shall not be teacher's code for the post of instructor.
- (vi) Teachers appointed with such qualification as mentioned in clauses (iv),(v),(vi) of sub-regulation (a) under regulation 16 shall be eligible for the post of Associate Professor after seven years of teaching experience and twelve years of teaching experience for the post of Professor and such teachers shall not be eligible for the post of Head of the Department as well as Head of the Institution.
- (vii) The research experience of Doctor of Philosophy (Ph.D).-The actual research duration i.e., the date of joining to the date of submission of thesis and not more than three years shall be considered as teaching experience and Ph.D seat allotment letter, Proof of joining to full-time Ph.D programme and proof of submission of thesis to the university shall be considered as evidence in this regard.
- (viii) Temporary appointment or temporary promotion of teacher shall not be considered for eligibility.
- (ix) In case of deputation of Medical Officer as teacher, it shall be with qualifications, designations and experience as specified in these regulations and the deputation shall not be less than three years and any emergency withdrawal shall be after proper replacement or alternate arrangement.
- (x) The Department and Nomenclature of Post-graduate degree of Sirappu Maruthuvam and Nanju Noolum Maruthuva Neethi Noolum have been renamed as Pura Maruthuvam, Sirappu Maruthuvam and Yogam and Sattam Saarntha Maruthuvamum Nanju Maruthuvamum respectively, and thus the post-graduate degree holder with the old nomenclature (i.e. Sirappu Maruthuvam and Nanju Noolum Maruthuva Neethi Noolum) may also be appointed or continued in concerned department.
- (xi) In the absence of post-graduate qualification in the concerned subject as mentioned in column (2) of the table below, the candidate with a post-graduate qualification in the subject/speciality as mentioned in column (3) shall be considered eligible for the new appointment of Assistant Professor in respective departments from the date of notification of these regulations.

Table-18

S. No. (1)	Subject (2)	Eligible subject/speciality (3)
1	Siddha Maruthuva Adippadai Thathuvangalum Varalaarum (History and Fundamental Principles of Siddha Medicine)	Noi Naadal/Maruthuvam
2	Udal Koorugal (Anatomy)	Varma Maruthuvam/Siddhar Yoga Maruthuvam/Maruthuvam
3	Udal Thathuvam (Physiology)	Noi Naadal/Siddhar Yoga Maruthuvam/Maruthuvam
4	Noi Anugavidhi Ozhukkam (Principles and Disciplines of Disease Prevention and Public Health)	Siddhar Yoga Maruthuvam/ Kuzhanthai Maruthuvam/Maruthuvam
5	Aruvai including Kan, Kathu, Mookku, Thondai, Pal and Thol Maruthuvam (Surgery including Ophthalmology, ENT, Dentistry and Dermatology)	Puramaruthuvam/Sirappu Maruthuvam
6	Sool and Magalir Maruthuvam (Obstetrics and Gynaecology)	Kuzhanthai Maruthuvam

(c) **Qualification and experience for post of Head of the Institution.**-The qualification and experience for the post of Head of the Institution (Principal or Dean or Director) shall be the same qualification and experience as specified for the post of Professor with minimum three years of administrative experience (Vice Principal or Head of the Department or Deputy Medical Superintendent or Medical Superintendent etc.)

(d) Salary.-(a) For the teachers of Government or Government aided institution or Government deemed University.- The Salary and allowances including Non Practicing Allowance as applicable shall be paid to the teacher at par with the norms laid down by the Central Government or University Grants Commission or the State Government or Union territory as the case may be and there shall not be any discrepancy of salary structure between medical system.

(b) For the teachers of Self-financing colleges including Central Private deemed University or State Private deemed University.- (i) The minimum basic pay shall be as per the following table, namely:-

Table-19
(Minimum Monthly Salary)

Sl.No.	Post	Pay scale
1.	Assistant Professor	Pay Level-10, Pay Matrix Rs. 56,100-1,77,500 (as per 7 th CPC)
2.	Associate Professor	Pay Level-12, Pay Matrix Rs. 78,800-2,09,200 (as per 7 th CPC)
3.	Professor	Pay Level-13, Pay Matrix Rs. 1,23,100-2,15,900 (as per 7 th CPC)
4.	Head of the Institution	Pay Level-13A, Pay Matrix Rs. 1,31,100-2,16,600 (as per 7 th CPC)

(ii) (a) This shall be the minimum prescribed salary and shall not be restrictive for higher salary structure.

(b) Monthly salary shall be paid along with applicable allowances as per respective employer's policy and annual increment with respect to the year of experience to the concerned cadre or post.

(c) The institution which is already paying higher salary structure shall continue with the same.

(d) Corresponding pay structure as applicable shall be adopted as and when Central Pay Commission (CPC) revises pay scales.

(c) The Salary shall be credited to the salary account through bank transfer and necessary facilities to the teacher such as, Provident Fund or Employees' State Insurance, etc. shall be provided by the college and Income Tax deduction certificate such as form 16 shall be issued by the college to the teacher as per the norms.

(d) The college shall issue appointment and promotion order in which the details such as salary, notice period for resignation, minimum attendance to be maintained by the teacher shall be clearly mentioned.

(e) Age of superannuation of teacher.- The age of superannuation of teachers shall be as per the order of the Central Government or State Government or Union territory, and the retired teachers, fulfilling the eligibility norms of teachers may be re-employed up to the age of sixty-five years as full-time teacher.

(f) Unique teacher's code.- (i) A unique teacher's code for all eligible teachers, shall be allotted by the National Commission for Indian System of Medicine after their appointment in the college through an Online Teachers Management System on application within seven working days from the date of joining and the Promotion or Relieving or Transfer of Department of all such teachers shall be facilitated and monitored through the Online Teachers Management System (OTMS).

(ii) Institute and Teacher shall update profile in the Online Teachers Management System (OTMS) from time to time with respect to promotion, department transfer, relieving etc.

(g) The Commission shall have the power to withdraw the teacher's code on ethical and disciplinary grounds.

(h) The Commission shall have the power to withdraw or withheld the teacher's code if the teacher discontinues the teaching profession or not joined any institution for any reason and he may rejoin the teaching profession with the same teacher's code after completing the procedure as specified by National Commission for Indian System of Medicine from time to time.

(i) Attendance of teacher.- The teacher shall abide by the guidelines and mandates as laid down by the National Commission for Indian System of Medicine from time to time and shall have at least seventy-five per cent. of attendance during the working days of every calendar year.

(j) **Development and Training of Faculty Member.-** Once in every three years teachers shall undergo Medical Education Technology (MET) or Quality Improvement Programme (QIP) conducted by National Commission for Indian System of Medicine or designated authority.

17 Appointment of examiner In Siddha.- No person other than regular or retired teacher with minimum five years of teaching experience in the concerned subject shall be considered eligible for examinership and the maximum age-limit of examiner shall be sixty-five years.

RAGHURAMA BHATTA. U, Secy., I/C

[ADVT.-III/4/Exty./684/2021-22]

Appendix “A”

[See regulation 4 (4)]

SCHEDULE relating to “SPECIFIED DISABILITY” referred to in clause (zc) of section 2 of the Rights of Persons with Disabilities Act, 2016(49 of 2016), provides as under:-

1. Physical disability.—

(A) Loco motor disability (a person's inability to execute distinctive activities associated with movement of self and objects resulting from affliction of musculoskeletal or nervous system or both), including—

(a) "leprosy cured person" means a person who has been cured of leprosy but is suffering from—

(i) loss of sensation in hands or feet as well as loss of sensation and paresis in the eye and eye-lid but with no manifest deformity;

(ii) manifest deformity and paresis but having sufficient mobility in their hands and feet to enable them to engage in normal economic activity;

(iii) extreme physical deformity as well as advanced age which prevents him/her from undertaking any gainful occupation, and the expression "leprosy cured" shall construed accordingly;

(b) "cerebral palsy" means a Group of non-progressive neurological condition affecting body movements and muscle coordination, caused by damage to one or more specific areas of the brain, usually occurring before, during or shortly after birth;

(c) "dwarfism" means a medical or genetic condition resulting in an adult height of 4feet 10 inches (147 centimeters) or less;

(d) "muscular dystrophy" means a group of hereditary genetic muscle disease that weakens the muscles that move the human body and persons with multiple dystrophy have incorrect and missing information in their genes, which prevents them from making the proteins they need for healthy muscles. It is characterized by progressive skeletal muscle weakness, defects in muscle proteins, and the death of muscle cells and tissue; (e) "acid attack victims" means a person disfigured due to violent assaults by throwing of acid or similar corrosive substance.

(B) Visual impairment—

(a) "blindness" means a condition where a person has any of the following conditions, after best correction—

(i) total absence of sight; or

(ii) visual acuity less than 3/60 or less than 10/200 (Snellen) in the better eye with best possible correction; or

(iii) limitation of the field of vision subtending an angle of less than 10 degree.

(b) "low-vision" means a condition where a person has any of the following conditions, namely:—

(i) visual acuity not exceeding 6/18 or less than 20/60 upto 3/60 or upto 10/200(Snellen) in the better eye with best possible corrections; or

(ii) limitation of the field of vision subtending an angle of less than 40 degree up to 10 degree.

(C) Hearing impairment -

(a) "deaf" means persons having 70 DB hearing loss in speech frequencies in both ears;

(b) "hard of hearing" means person having 60 DB to 70 DB hearing loss in speech frequencies in both ears;

(D) "speech and language disability" means a permanent disability arising out of conditions such as laryngectomy or aphasia affecting one or more components of speech and language due to organic or neurological causes.

2. Intellectual disability, a condition characterized by significant limitation both in intellectual functioning (reasoning, learning, problem solving) and in adaptive behavior which covers a range of every day, social and practical skills, including—

(a) "specific learning disabilities" means a heterogeneous group of conditions wherein there is a deficit in processing language, spoken or written, that may manifest itself as a difficulty to comprehend, speak, read, write, spell, or to do mathematic calculations and includes such conditions as perceptual disabilities, dyslexia, dysgraphia, dyscalculia, dyspraxia and developmental aphasia;

(b) "autism spectrum disorder" means a neuro-developmental condition typically appearing in the first three years of life that significantly affects a person's ability to communicate, understand relationships and relate to others, and is frequently associated with unusual or stereotypical rituals or behaviours.

3. Mental behaviour,— "mental illness" means a substantial disorder of thinking, mood, perception, orientation or memory that grossly impairs judgment, behaviour, capacity to recognize reality or ability to meet the ordinary demands of life, but does not include retardation which is a condition of arrested or incomplete development of mind of a person, specially characterized by sub normality of intelligence.

4. Disability caused due to—

(a) chronic neurological conditions, such as—

(i) "multiple sclerosis" means an inflammatory, nervous system disease in which the myelin sheaths around the axons of nerve cells of the brain and spinal cord are damaged, leading to demyelination and affecting the ability of nerve cells in the brain and spinal cord to communicate with each other;

(ii) "parkinson's disease" means a progressive disease of the nervous system marked by tremor, muscular rigidity, and slow, imprecise movement, chiefly affecting middle-aged and elderly people associated with degeneration of the basal ganglia of the brain and a deficiency of the neurotransmitter dopamine.

(b) Blood disorder—

(i) "haemophilia" means an inheritable disease, usually affecting only male but transmitted by women to their male children, characterised by loss or impairment of the normal clotting ability of blood so that a minor would may result in fatal bleeding;

(ii) "thalassemia" means a group of inherited disorders characterized by reduced or absent amounts of haemoglobin.

(iii) "sickle cell disease" means a hemolytic disorder characterized by chronic anemia, painful events, and various complications due to associated tissue and organ damage; "hemolytic" refers to the destruction of the cell membrane of red blood cells resulting in the release of hemoglobin.

5. Multiple Disabilities (more than one of the above specified disabilities) including deaf blindness which means a condition in which a person may have combination of hearing and visual impairments causing severe communication, developmental, and educational problems.

6. Any other category as may be notified by the Central Government from time to time.

Appendix "B"

[See regulation 4 (4)]

Guidelines regarding admission of students, with "Specified Disabilities" under the Rights of Persons with Disabilities Act, 2016 (49 of 2016), in B.S.M.S.

1. The "Certificate of Disability" shall be issued in accordance with the Rights of Persons with Disabilities Rules, 2017, published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i), vide number G.S.R. 591 (E), dated the 15th June, 2017.
2. The extent of "specified disability" in a person shall be assessed in accordance with the "guidelines for the purpose of assessing the extent of specified disability in a person included under the Rights of Persons with Disabilities Act, 2016 (49 of 2016)", published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii), vide number S.O. 76 (E), dated the 4th January, 2018.
3. The minimum degree of disability should be 40% (Benchmark Disability) in order to be eligible for availing reservation for persons with specified disability.
4. The term 'Persons with Disabilities' (PwD) is to be used instead of the term 'Physically Handicapped' (PH)

TABLE

Sl. No.	Disability category	Type of Disabilities	Specified Disability	Disability Range		
				(5)		
				Eligible for B.S.M.S. Course, Not Eligible for PwD Quota	Eligible for B.S.M.S Course, Eligible for PwD Quota	Not Eligible for B.S.M.S. Course
(1)	(2)	(3)	(4)			
1.	Physical Disability	(A) Locomotor Disability, including Specified Disabilities (a to f).	(a) Leprosy cured person*	Less than 40% disability	40-80% disability Persons with more than 80% disability may also be allowed on case to case basis and their function a Incompetency will be determined with the aid of assistive devices, if it is being used, to see if it is brought below 80% and whether they possess sufficient motor ability as required to pursue and complete the course satisfactorily.	More than 80%
			(b) Cerebral Palsy**			
			(c) Dwarfism			
			(d) Muscular Dystrophy			
			(e) Acid attack victims			
			(f) Others*** such as Amputation, Poliomyelitis, etc.			
		* Attention should be paid to loss of sensations in fingers and hands, amputation, as well as involvement of eyes and corresponding recommendations be looked at. ** Attention should be paid to impairment of vision, hearing, cognitive function etc. and corresponding recommendations be looked at. *** Both hands intact, with intact sensations, sufficient strength and range of motion are essential to be considered eligible for B.S.M.S. course				
		(B) Visual Impairment (*)	(a) Blindness	Less than 40% disability (i.e. Category '0 (10%)', 'I (20%)' & 'II (30%)')	-	Equal to or More than 40% Disability (i.e. Category III and above)
			(b) Low vision			
		(C) Hearing impairment@	(a) Deaf	Less than 40% Disability	-	Equal to or more than 40% Disability
			(b) Hard of hearing			
		(*) Persons with Visual impairment / visual disability of more than 40% may be made eligible to pursue Graduate B.S.M.S. Education and may be given reservation, subject to the condition that the visual disability is brought to a level of less than the benchmark of 40% with advanced low vision aids such as telescopes / magnifier etc.				

			<p>@ Persons with hearing disability of more than 40% may be made eligible to pursue Graduate B.S.M.S. Education and may be given reservation, subject to the condition that the hearing disability is brought to a level of less than the benchmark of 40% with the aid of assistive devices.</p> <p>In addition to this, the individual should have a speech discrimination score of more than 60%.</p>			
		(D) Speech & language disability\$	Organic/ neurological causes	Less than 40% Disability		Equal to or more than 40% Disability
		<p>\$It is proposed that for admission to B.S.M.S. course the Speech Intelligibility Affected (SIA) score shall not exceed 3 (Which will correspond to less than 40%) to be eligible to pursue the B.S.M.S. course. The individuals beyond this score will not be eligible for admission to the B.S.M.S. course.</p> <p>Persons with an Aphasia Quotient (AQ) upto 40% may be eligible to pursue B.S.M.S. course but beyond that they will neither be eligible to pursue the B.S.M.S. course nor will they have any reservation.</p>				
2.	Intellectual disability		(a) Specific learning disabilities (Perceptual disabilities, Dyslexia, Dyscalculia, Dyspraxia & Developmental aphasia)#	<p># currently there is no Quantification scale available to assess the severity of SpLD, therefore the cut-off of 40% is arbitrary and more evidence is needed.</p>		
				Less than 40% Disability	Equal to or more than 40% disability But selection will be based on the learning competency evaluated with the help of the remediation/ assisted technology/ aids/ infrastructural changes by the Expert Panel	More than 80% or severe nature or significant cognitive/ intellectual disability
			(b) Autism spectrum disorders	Absence or Mild Disability, Asperger syndrome (disability of 40- 60% as per ISAA) where the individual is deemed fit for B.S.M.S. course by an expert panel	Currently not recommended due to lack of objective method to establish presence and extent of mental illness. However, the benefit of reservation/quota may be considered in future after developing better methods of disability assessment.	Equal to or more than 60% disability or presence of cognitive/intellectual disability and/or if the person is deemed unfit for pursuing B.S.M.S. course by an expert panel
3.	Mental		Mental illness	Absence or	Currently not recommended	Equal to or more than 40% disability or if the

	behaviour			mild Disability: less than 40% (under IDEAS)	due to lack of objective method to establish presence and extent of mental illness. However, the benefit of reservation/quota may be considered in future after developing better methods of disability assessment.	person is deemed unfit to perform his/her duties. Standards may be drafted for the definition of “fitness to practice medicine”, as are used by several institutions of countries other than India.
4.	Disability caused due to	(a) Chronic Neurological Conditions	(i)Multiple Sclerosis	Less than 40% Disability	40-80% disability	More than 80%
			(ii) Parkinsonism			
		(b) Blood Disorders	(i) Haemophilia	Less than 40% Disability	40-80% disability	More than 80%
			(ii) Thalassemia			
			(iii) Sickle cell disease			
5.	Multiple disabilities including deaf blindness		More than one of the above specified disabilities			
				Must consider all above while deciding in individual cases recommendations with respect to presence any of the above, namely, Visual, Hearing, Speech & Language disability, Intellectual Disability, and Mental Illness as a component of Multiple Disability. Combining Formula as notified by the related Gazette Notification issued by the Govt. of India <u>a + b (90-a)</u> 90 (where a= higher value of disability % and b=lower value of disability % as calculated for different disabilities) is recommended for computing the disability arising when more than one disabling condition is present in a given individual. This formula may be used in cases with multiple disabilities, and recommendations regarding admission and/or reservation made as per the specific disabilities present in a given individual.		

Note: For selection under PwD category, candidates will be required to produce Disability Certificate before their scheduled date of counseling from one of the disability assessment boards as designated by concerned Authority of Government of India.

ANNEXURE-I

**A. TENTATIVE TEMPLATE OF ACADEMIC CALENDAR
FIRST PROFESSIONAL B.S.M.S(18 MONTHS)**

Sl.No.	DATE/PERIOD	ACADEMIC ACTIVITY
1.	First Working Day of October	Course Commencement
2.	15 working Days	Induction Programme& Transitional Curriculum
3.	Fourth Week of March	First Internal Assessment
4.	Three weeks in May	Summer Vacation
5.	Fourth Week of September	Second Internal Assessment
6.	First and second week of February	Preparatory holidays
7.	Third week of February onwards	University Examination
8.	<i>First Working Day of April</i>	<i>Commencement of Second Prof. B.S.M.S</i>
Note	<p>(1) Universities/Institutions/Colleges shall specify dates and year while preparing academic calendar of that particular batch of students. The same is to be informed to students, displayed in respective websites and followed.</p> <p>(2) Institutions/Colleges established in Extreme Weather Conditions may adjust the vacation as required by maintaining the stipulated hours of teaching. However, the structure of academic calendar shall not be altered.</p>	

**B. TENTATIVE TEMPLATE OF ACADEMIC CALENDAR
SECOND PROFESSIONAL B.S.M.S(18 MONTHS)**

Sl.No.	DATE/PERIOD	ACADEMIC ACTIVITY
1.	First Working Day of April	Course Commencement
2.	Fourth Week of September	First Internal Assessment
3.	Fourth Week of March	Second Internal Assessment
4.	Three weeks in May	Summer Vacation
5.	First and Second week of August	Preparatory holidays
6.	Third week of August onwards	University Examination
7.	<i>First Working Day of October</i>	<i>Commencement of Third Prof. B.S.M.S</i>
Note	<p>(1) Universities/Institutions/Colleges shall specify dates and year while preparing academic calendar of that particular batch of students. The same is to be informed to students, displayed in respective websites and followed.</p> <p>(2) Institutions/Colleges established in Extreme Weather Conditions may adjust the vacation as required by maintaining the stipulated hours of teaching. However, the structure of academic calendar shall not be altered.</p>	

**C. TENTATIVE TEMPLATE OF ACADEMIC CALENDAR
THIRD PROFESSIONAL B.S.M.S(18 MONTHS)**

Sl.No.	DATE/PERIOD	ACADEMIC ACTIVITY
1.	First Working Day of October	Course Commencement
2.	Fourth Week of March	First Internal Assessment

3.	Three weeks in May	Summer Vacation
4.	Fourth Week of September	Second Internal Assessment
5.	First and Second week of February	Preparatory holidays
6.	Third week of February onwards	University Examination
7.	First Working Day of April	Commencement of Internship
Note	<p>(1) Universities/Institutions/Colleges shall specify dates and year while preparing academic calendar of that particular batch of students. The same is to be informed to students, displayed in respective websites and followed.</p> <p>(2) Institutions/Colleges established in Extreme Weather Conditions may adjust the vacation as required by maintaining the stipulated hours of teaching. However, the structure of academic calendar shall not be altered.</p>	

ANNEXURE-II**GUIDELINES FOR ATTENDANCE MAINTENANCE****(THEORY/PRACTICAL/CLINICAL/NON-LECTURE HOURS)**

Institutes/Colleges offering education in various courses in Indian System of Medicine are recommended to maintain online attendance system. However, in case physical registers are being maintained for recording attendance of various teaching/training activities, the following guidelines are to be followed, namely:-

- (1) Attendance is to be marked in cumulative numbering fashion as under-
 - (a) In case presence is to be marked as 1, 2, 3, 4, 5, 6.....so on;
 - (b) In case of absence, it must be marked as 'A';
 - (c) Example: P P P P A P P A A P P P.... may be marked as (1, 2, 3, 4, A, 5, 6, A, A, 7, 8, 9...).
- (2) Avoid strictly marking 'P' for presence.
- (3) Separate register for Theory and practical/clinical/non-lecture activities are to be maintained.
- (4) At the end of term or course or part of syllabus or month the last number to be taken as total attendance.
- (5) The total attendance after students signature to be certified by respective HOD followed by approval by Principal.
- (6) In case of multiple terms, at the end of professional session all term attendance is to be summarised and percentage is to be calculated separately for **theory** and **practical/clinical**(including all non-lecture hours).

ANNEXURE-III**FORM 1**

[See regulation 14(e)(ix)(B,C,D)]

(NAME OF THE COLLEGE AND ADDRESS)

SIDDHA MARUTHUVA ARIGNAR

(BACHELOR OF SIDDHA MEDICINE AND SURGERY - B.S.M.S.) PROGRAMME

DEPARTMENT OF _____

CERTIFICATE OF ATTENDANCE AND ASSESSMENT OF INTERNSHIP (Register No.)

Name of the Intern

:

Attendance during internship

Period of training

: From _____ To _____

- (a) No. of Working Days :
 (b) No. of Days Attended :
 (c) No. of Days Leave availed :
 (d) No of Days Absent :

Assessment of Internship

S.No.	Category	Marks Obtained
1.	General	Maximum 10
a.	Responsibility and Punctuality	() out of 2
b.	Behaviour with sub-ordinates, colleagues and superiors	() out of 2
c.	Documentation ability	() out of 2
d.	Character and conduct	() out of 2
e.	Aptitude for research	() out of 2
2.	Clinical	Maximum 20
a.	Proficiency in Fundamentals of subject	() out of 4
b.	Bedside manners & Rapport with patient	() out of 4
c.	Clinical acumen and Competency as acquired	
i.	by Performing Procedures	() out of 4
ii.	by Assisting in Procedures	() out of 4
iii.	by Observing Procedures	() out of 4
	Total Score Obtained	() out of 30

Performance Grade of marks

Poor <8, Below average 9-14, Average 15-21, Good 22 -25, Excellent 26 and above

Note: An intern obtained unsatisfactory score (below 15) shall be required to repeat one third of the total period of posting in the concerned department.

Signature of the Intern

Signature of the Head of the Department

Office Seal

Date:

Place:

ANNEXURE-IV

FORM 2

[See regulation 14(e)(ix)(C)]

(NAME OF THE COLLEGE AND ADDRESS)

SIDDHA MARUTHUVA ARIGNAR

(BACHELOR OF SIDDHA MEDICINE AND SURGERY - B.S.M.S.) PROGRAMME

CERTIFICATE OF COMPLETION

OF THE COMPULSORY ROTARY INTERNSHIP

This is to certify that (NAME OF THE INTERN) Intern of (NAME OF THE COLLEGE AND ADDRESS), has completed his/her Compulsory Rotatory Internship at the (NAME OF THE COLLEGE AND ADDRESS/PLACE OF POSTING), for the duration of One year from _____ to _____ in the following departments;

S.No.	Name of the Department/Institute	Period of training from (dd/mm/yyyy)	Period of training to (dd/mm/yyyy)

During the internship period the conduct of the student is

Signature of the Principal/Dean/Director
Office Seal

Date:

Place:

Note: If any discrepancy is found between Hindi and English version of National Commission for Indian System of Medicine (Minimum Standard of Undergraduate Siddha Education) Regulations 2022, the English version will be treated as the final.