

THE NATIONAL COMMISSION FOR INDIAN SYSTEM OF MEDICINE

NOTIFICATION

New Delhi, the 16th February, 2022

F. No. BOA/Regulation/UG/7-10/2021.—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)**, and in supersession of the Indian Medicine Central Council (Minimum Standards of Education in Indian Medicine) Regulation, 1986 except as respects thing done or omitted to be done before such supersession, 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 Standards of Undergraduate Ayurveda 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 Ayurvedic Medicine And Surgery programme.— The Bachelor of Ayurveda education namely, the Bachelor of Ayurvedic Medicine and Surgery (B.A.M.S.) shall produce Graduates, having profound knowledge of Ashtanga Ayurveda along with the contemporary advances in the field of Ayurveda supplemented with knowledge of scientific and technological advances in modern science and technology along with extensive practical training, as an efficient physicians and surgeons for the health care services.

4 Ashtanga Ayurveda.— (a) Ashtanga Ayurveda means eight clinical specialties of ayurveda viz., Kayachikitsa (General/Internal Medicine), Shalya Tantra (Surgery), Shalakya Tantra (Ophthalmology, Oto-Rhino-Laryngology and Oro-Dentistry), Kaumarabhritya (Obstetrics and Paediatrics), Agada Tantra (Clinical Toxicology), Bhuta Vidya (Clinical Microbiology, Clinical Psychology and Psychiatry), Rasayana (Preventive, Promotive, Rejuvenative Medicine and Gerontology) and Vajikarana (Reproductive Medicine and Epigenetics).

(b) All the eight specialties referred to in clause (a) were developed to deal all sort of clinical problems of respective specialty i.e., in general their etiopathogenesis including clinical anatomy, physiology; causative factors in terms of physical, psychological, external (injury, microbes, natural calamities etc.), dietic factors, faulty lifestyles, genetic causes (congenital, hereditary) etc.; clinical manifestation, examination/analysis of biological fluids / secretions/ excretions; various diagnostic tools including scopy (naadiyantra), diagnostic criteria, prognostication, principles of management in terms preventive, promotive, curative, palliative and rehabilitative management including surgical; pharmaco-therapeutics as well as pharmaceuticals of related drugs and formulations, relevant therapeutic procedures including physiotherapy techniques such as bandhana, vesthana etc., their methods of administration, complications and management, diet and lifestyle regimen; methods of assessment of improvement/cure, causes of recurrence etc. in relation to that particular clinical condition.

(c) The specialties referred to in clause (a) also deals with instruments/equipment that are required for administration of various therapeutic procedures/surgeries and other procedures, their methods of usage and maintenance. Hospital architecture, landscaping, air-conditioning and human resource management, qualities of nursing staff including ideal patient qualities

TRUE COPY

PRINCIPAL

M.A. M's, Sumatibhai Shah
Ayurved Mahavidyalaya,
Pune-411028

(v) Total teaching hours for Third (Final) Professional session shall not be 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 this 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.A.M.S.)

Sl.No.	Subject Code	Subject	Equivalent Terms
1	AyUG-SN and AI	Sanskritam evam Ayurved Itihas	Sanskrit and History of Ayurveda
2	AyUG-PV	Padartha Vigyan	Fundamental Principles of Ayurveda and Quantum Mechanics
3	AyUG-KS	Kriya Sharira	Human Physiology
4	AyUG-RS	Rachana Sharira	Human Anatomy
5	AyUG-SAI	Samhita Adhyayan-1	Study of Ayurveda Classical Text
6	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.A.M.S.)

Sl.No.	Subject Code	Subject	Equivalent Terms
1	AyUG-DG	Dravyaguna Vigyan	Pharmacology and Materia Medica- Herbal
2	AyUG-RB	Rasashastra evam Bhaishajyakalpana	Materia Medica- Minerals & Metals and Pharmaceutical Science
3	AyUG-RN	Roga Nidan evam Vikriti Vigyan	Methods of Diagnosis, Diagnostic Procedures and Pathology
4	AyUG-AT	Agad Tantra evam Vidhi	Clinical Toxicology and Medical Jurisprudence

TRUE COPY

PRINCIPAL

M.A. M's, Sumatibhai Shah
Jyoti Mahavidyalaya,
Jyoti

		Vaidyaka	
5	AyUG-SA2	Samhita Adhyayan-2	Study of Ayurveda Classical Text
6	AyUG-SW	Swasthavritta evam Yoga	Lifestyle Management, Public Health and yoga
7	Elective (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.A.M.S.)

Sl.No.	Subject Code	Subject	Equivalent Terms
1	AyUG-KC	Kayachikitsa including Manasa Roga, Rasayana and Vajikarana	Internal Medicine including Psychiatry, Rejuvenative Medicine, Reproductive Medicine and Epigenetics
2	AyUG-PK	Panchakarma & Upakarma	Therapeutic Procedural Management
3	AyUG-ST	Shalya Tantra	General Surgery
4	AyUG-SL	Shalakya Tantra	Ophthalmology, Oto-Rhino-Laryngology & Oro-Dentistry
5	AyUG-PS	Prasuti Tantra evam Stree Roga	Gynecology and Obstetrics
6	AyUG-KB	Kaumarabhritya	Pediatrics
7	AyUG-SA3	Samhita Adhyayan-3	Study of Ayurveda Classical Text
8	AyUG-EM	Atyaichikitsa	Emergency Medicine
9	AyUG-RM	Research Methodology and Medical-statistics	
10	Elective (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-iii* and the same shall be circulated to students and hosted in respective websites and followed accordingly.

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

Table-5

(Departments and Subjects)

Sl.No.	Department	Subjects
01	Samhita Siddhanta & Sanskrit	Sanskritam
		Ayurved Ithihas
		Padartha Vigyan
		Samhita Adhyayan-1, 2, 3
02	Rachana Sharira	Rachana Sharira
03	Kriya Sharira	Kriya Sharira
04	Dravyaguna	Dravyaguna Vigyan
05	Rasashastra & Bhaishajyakalpana	Rasashastra evam Bhaishajyakalpana
06	Roga Nidan & Vikriti Vigyan	Roga Nidan evam Vikriti Vigyan
07	Agada Tantra	Agada Tantra evam Vidhi Vaidyaka
08	Swasthavritta & Yoga	Swasthavritta evam Yoga
		Research Methodology & Medical Statistics

TRUE COPY

PRINCIPAL

M.A. M's, Sumatibhai Shah
Mahavidyalaya,
Mumbai, Pune-411028

09	Kayachikitsa	Kayachikitsa including Manasa Roga, Rasayana evam Vajikarana
		Atyaichikitsa
10	Panchakarma	Panchakarma evam Upakarma
11	Shalya Tantra	Shalya Tantra
12	Shalakya Tantra	Shalakya Tantra
13	Prasuti Tantra & Stree Roga	Prasuti Tantra evam Stree Roga
14	Kaumarabhritya	Kaumarabhritya

(G) **Electives.**—(i) Electives are introduced in B.A.M.S. curriculum to provide opportunity to student of Ayurveda 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 this regulation, 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.A.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 hours as per the requirement of the subject as under—

(a) During first professional session, clinical training shall be provided by department of Samhita & Siddhanta and Kriya Sharira through the specialty Outpatient Department (OPD) and Inpatient Department (IPD) where in teachers of the above departments are consultants and screening OPD; wherein students involve in Prakriti and Saara assessment, practicing of naadi, recording of dosha vriddhi kshaya lakshanas, measurement of height, weight, calculation of Body Mass Index (BMI) etc. activities.

(ii) (a) Clinical training for the Second Professional session shall be as per clause A (iv) of sub-regulation (1) of regulation 9 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)
- Department of Roganidana will provide clinical training through specialty clinics and IPD wherein teachers of Roganidana department are consultants.
 - Department of Agada Tantra through Visha Chikitsa OPD and IPD.
 - Department of Swasthavritta through swastha rakshna OPD and IPD.

(B) In addition, the second professional B.A.M.S. students shall be posted to medicine dispensary to get familiar with prescription patterns, medicine names, forms, dosage, Aushada sevanakaala, anupana, sahapana, method of mixing or compounding of medicines etc. Similarly, in IPD nutritional assessment, pathya preparation unit or diet center to get familiarize with various pathya or therapeutic diet preparations.

(iii) The clinical training(OPD and IPD/Operation Theatre/Labour room/Pancha Karma therapy room) during the third (Final) Professional session as mentioned under clause A (v) of

TRUE COPY

PRINCIPAL

M's. Sumatibhai Shah
Mahavidyalaya,
441028

sub-regulation (1) of regulation 9 shall be on rotation basis as per the non-lecture/clinical batches and in accordance with the clinical/non-lecture teaching hours stipulated for the following subjects, namely:-

- (a) Kayachikitsa: OPD, IPD and specialty clinics functioning under the department if any;
 - (b) Panchakarma: OPD, IPD, Panchakarma therapy rooms including preparation room and any other related specialty units or clinics if any;
 - (c) Shalya Tantra: OPD, IPD, operation theater (major and minor), any specialty units like sports medicine, marmachikitsa, bhagnachikitsa etc.;
 - (d) Shalakya Tantra: Eye, ENT, dental clinic, kriyakalpa and any other related specialty clinics if any;
 - (e) Streeroga evam Prasuti: OPD, IPD, labour room, procedural room (yoni dhavana, yoni dhupana, yoni pichu, uttarabasti etc.), garbha samskara, and other related specialty clinics if any;
 - (f) Kaumarabhritya: OPD, IPD, pediatric panchakarma rooms and other related specialty clinics if any; and
 - (g) Samhita & Siddhanta: Specialty clinics/units like madhumeha, hridroga, medoroga, sthoulya, asthi & sandhi etc.
- (v) Teaching staff belonging to the departments other than Kayachikitsa, panchakarma, Shalya Tantra, Shalakya Tantra, Streeroga Evam Prasuti Tantra, Kaumarabhritya, Agada Tantra (Visha Chikitsa) and Swasthavritta & Yoga can involve in clinical activities in the attached teaching hospital and can provide clinical training to students through Specialty clinics/units. Such specialty clinics shall function under any one of the above departments viz. Kayachikitsa, Panchakarma, Shalya Tantra, Shalakya Tantra, Streeroga Evam Prasuti Tantra, Kaumarabhritya, Agada Tantra (Visha Chikitsa) and Swasthavritta & Yoga. The specialty clinics may be established by teachers having expertise either by Post-graduate dissertation, PhD thesis or by training or exposure. There shall not be any OPD by names Rachana, Kriya, Basic Principles, Dravyaguna, Rasashastra and Roga Nidana.

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

- (1) To accomplish the requirement under subsection (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 (SMASD-ISM), all the fourteen departments as mentioned in clause (F) of sub-regulation (1) of regulation 9, shall be treated as fourteen 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 areas as under-
- (i) Innovations or advances or new developments in Basic Sciences like biology, chemistry, physics, mathematics, microbiology, bioinformatics, molecular biology etc.;
 - (ii) Diagnostic Advancements;
 - (iii) Therapeutic Technology;
 - (iv) Surgical Technique or Technology;
 - (v) Pharmaceutical Technology including quality and standardization of drugs, drug development etc.;
 - (vi) Teaching, Training Methods and Technology;
 - (vii) Research Methods, Parameters, Equipment and Scales etc.

TRUE COPY

PRINCIPAL

M.A. M's, Sumatibhai Shah
Ayurved Mahavidyalaya,
H. No. 1, Sanjay Park, Pune-411028