

M.S.R. for Diploma in Ayurveda Pharmacy (D. Pharma Ay.)

1. Short title and commencement.-

- (1) These regulations may be called the **Examining Body for Paramedical Courses regulation for Diploma in Ayurveda Pharmacy (D.Pharm Ay.)** (Minimum Standard Requirement of college/institutes for Diploma in Ayurveda Pharmacy (D. Pharm Ayurved) Regulations, 2015.
- (2) They shall come into force on the date of their publication in the Official Gazette.

2. Definition:

- (1) In these regulations, unless the context otherwise requires,-
 - (a) “Act” means the Delhi Bharatiya Chikitsa Parishad Act, 1998 (Delhi Act No. 4 of 1999)
 - (b) “College” means college/institute or Institute conducting or proposed to conduct D.Pharm Ay. courses.
- (2) The words and expression used herein and not defined but defined in the Act shall have the respective meanings assigned to them in the Act.

3. Minimum Standard Requirements.-

- (1) The Ayurveda Paramedical Course in colleges established under Examining Body shall fulfill the minimum standard requirements of infrastructure and teaching and training facilities as provided by the Examining Body for consideration of grant of permissions for undertaking admissions in the coming academic years.
- (2) If a college/institute fulfills the requirement by these notified regulations, it shall be granted permission to undertake admissions for a period of one year during which the college/institute shall not be inspected, except for random checks on receipt of any complaint, or otherwise as deemed necessary either by the Examining Body for Paramedical Training for Bhartiya Chikitsa, Delhi. The Examining Body shall visit the college/institute *suomoto* three months before the expiry of permission.
- (3) The conditional permission shall be granted only to those colleges/institutes which are fulfilling at least the requirement of teachers as specified by the Examining Body; and availability of equipment as specified for each academic year on the basis of the separate inspections to be carried by the Examining Body.

4. Requirement of Land: The total build up area required for adequate infrastructure and other infrastructure required under these regulations, is made available in a single piece of land, not less than 1/2 (half) acres, for an intake capacity up to sixty seats. For intake capacity from separated by a sixty one to hundred seats, the land shall not be less than one acre. The plot, if road or canal or rivulet but connected with a bridge, will be treated as one piece of land. The total constructed area shall be based upon the permissible Floor Area Ratio (FAR) or Floor Space Index (FSI) allowed by the competent authority or local laws or rules. A certificate from the local municipal authority certifying or approving the construction plan of the proposed buildings having the required construction area must be provided at the time of applying for permission of the State Government. The land should be owned by the college/institute or possessed on lease, in the name of the college/institute, for a period of not less than ninety nine years or the maximum permissible period as per the rules or regulations of the respective State Government or Union territory. Renewal of permission shall, however, be required on expiry of lease.

Explanation.-The Floor Area Ratio or Floor Space Index is the ratio of the total floor area of buildings on a certain location to the size of the land of that location, or the limit imposed on such a ratio.

5. Requirement of minimum constructed area:

- (1) The institute shall have the constructed area of twelve hundred square meter each for intake capacity up to sixty seats.
- (2) The college/institute shall also maintain other infrastructural requirements like sufficient accommodation to work comfortably, for college/institute staff, outdoor and indoor games facility, civil and electrical services and workshop and adequate parking space within the campus of college/institute.

6. Admission Capacity: The annual intake capacity in under diploma course will be in the slabs of sixty and hundred. If any college/institute has the intake capacity of less than sixty or between sixty one and hundred seats, it has to comply with the requirements for sixty or hundred seats respectively, as mentioned in SIF.

7. Requirements of College:

- (1) **Teaching Staff:** There shall be a minimum of nine full-time teachers and eighteen full-time teachers appointed on regular basis for intake capacity of up to sixty students and sixty one to hundred respectively with the addition of five and ten part-time teachers for respective slab, as specified in the SIF.
- (2) **Age of Teachers:** The age of superannuation of teachers shall be as per the Central Government or State Government or University Grant Commission norms as applicable in that particular Institute, and the retired teachers, fulfilling the eligibility norms of teachers can be re-employed up to the age of sixty-five years as full-time teacher.
- (3) **Requirement of technical and other staff:** Technical and other staff in various units and departments of the college shall be as per the details given in SIF.

8. Miscellaneous requirements:

- (1) **Office Support:** Dean/principal /director office and each department shall have independent computer and printer facility.
- (2) **College/institute Council:**
 - (a) Every college/institute or Institution shall have a College Council comprising of the Head of Departments as members and Principal/Dean/Director as Chairperson.
 - (b) The college/institute Council shall meet at least four times in a year to draw up the details of curriculum and training programme, enforcement of discipline and other academic matters.
 - (c) The college/institute Council shall also organize interdepartmental meetings like grand rounds, statistical meetings including periodical other review in the Institution regularly.
- (3) **College/institute Website:** Each and every college or institute shall have its own website, wherein the following details updated in the first week of every month shall be provided-
 - (a) Details of Principal/Director/Dean including their name, age, registration number, qualification, date of joining, complete address with telephone or mobile numbers and State Trunk Dialing code, fax and E-mail etc;

- (b) Details of teaching staff along with their photograph, registration number, date of birth, qualification, experience, Department etc.;
 - (c) Details of the non-teaching staff of college along with their department;
 - (d) Details of the sanctioned intake capacity of various courses under graduate as well as post graduate;
 - (e) List of students admitted, merit-wise, category-wise Diploma and Certificate) for the current and previous year
 - (f) Any research publications during the last one year;
 - (g) Details of any Continuous Medical Education (CME) programmes, conferences and/or any academic activities conducted by the institution;
 - (h) Details of any awards and achievement received by the students or faculty;
 - (i) Details of the affiliated body;
 - (j) Result of all the examinations of last one year;
 - (k) Detailed status of recognition of all the courses;
- (4) Biometric Attendance:** It is desirable to have biometric attendance supported with web camera based computerized attendance system for teaching, non teaching college/institute staff.

9. Phase wise specific requirements of new colleges:

- (1) A Ayurveda Paramedical course in College seeking permission for starting Diploma Courses under Examining Body shall establish infrastructure and manpower in phased manner, as provided.
- (2) Before admission of the first batch of students, the college shall have.-
 - (a) At the time of submission of application, there should be a fully developed college building.
 - (b) all teachers with the requisite qualifications required for first year of teaching should be available and wherever there is shortfall of Professors, equal number of Readers shall be appointed;
 - (c) a library with one thousand books, seating capacity of fifty persons for up to sixty admissions and eighty persons seating capacity for sixty-one to hundred admissions and adequate staff;
 - (d) a properly furnished and well-equipped one lecture halls and teaching departments and laboratories and museums essential for the first year teaching;
 - (e) a medicinal plants garden covering over two thousand and five hundred square meter of land and four thousand square meter of land for sixty seats and sixty-one to one hundred seats respectively with plantation of at least fifty species of medicinal plants;
 - (f) Fifty percent of supporting staff on the posts sanctioned for the purpose, on regular or contractual basis as per norms.
- (3) The college will be visited at least three months before the admission of the second batch of students and at that time the college shall have-
 - (a) All teachers with the requisite qualification and non-teaching staff required for the first and the second years of teaching and training should be appointed, and wherever there is shortfall of Professors, equal number of Readers shall be appointed.
 - (b) a library with one thousand books, seating capacity of fifty persons for up to sixty admissions and eighty persons seating capacity for sixty-one to hundred admissions and adequate staff;
 - (c) a properly furnished and well-equipped one lecture halls and teaching departments, laboratories and museums, essential for first year of teaching;
 - (d) Twenty five species of medicinal plants in herbal garden;
 - (e) fully developed buildings college and teaching pharmacy;

- (f) seventy-five percent of the supporting and other staff on the posts sanctioned for the purpose, on regular or contractual basis as per norms; and
- (g) There shall be a Teaching Pharmacy and Quality Testing Laboratory attached to Department of Saidla with minimum area as specified in Schedule –II and equipment as per Schedule-VII for preparation of medicine as per syllabus.
- (4) Before the admission of the second batch of students, the college shall have.-
- all teachers with the requisite qualification in the concerned subject and non-teaching staff required for the first and second, years of teaching and training;
 - all infrastructure and manpower requirements of college, and other units in accordance with the specified norms;
 - a library with two thousand and five hundred books, seating capacity of fifty persons for upto sixty admissions and eighty persons seating capacity for sixty-one to hundred admissions and adequate staff;
 - fully functional laboratories and pharmacy with drug testing facilities accordance with the specified norms;
- (5) The permission to establish a Ayurveda Paramedical course college and admit students may be granted initially for a period of one year and may be renewed on yearly basis subject to verification of achievement of annual targets, and it shall be the responsibility of the college to apply to the Council for purpose of renewal six months prior to the expiry of the initial permission. This process of renewal of permission will continue till such time the establishment of the medical college is completed for passing-out of the first batch.

10. List of equipments, machineries, etc.-To ensure proper provision of teaching and training material to the students, the colleges shall possess the minimum ninety percent of required equipments, machineries etc. in the teaching departments, laboratories and library, pharmacy and other units of the college in sufficient numbers, as specified.

SCHEDULE-I

REQUIREMENT FOR DIPLOMA IN AYURVEDA PHARMACY COURSE

S. No (1)	Particulars (2)	Built up area (in sq.mt.)	
		Up to 60 students intake	61 to 100 students intake
		(3)	(4)
	Total constructed area of college building	1200	2400
(1)	Administrative Section: Administrative section of the college shall include Principle's Room, Personal Assistant's Room, Reception, Visitor's lounge, Staff Committee Room, Clerk's room and Accounts section, Record room, Central Store and separate toilets for gents and ladies.	150	300
(2)	Lecture Halls: There shall two Lecture halls of eighty square meter for sixty students and for above sixty-one to hundred students, of one hundred sixty square meter area, with proper electricity supply, audio-visual teaching aids, fans or coolers and comfortable sitting arrangement preferable theatre type. Separate toilets for boys and girls shall be constructed in each floor.	150	300
(3)	Seminar or Conference or Examination Hall: A large hall with sitting capacity for four hundred to five hundred persons shall be available within the	150	300

	college premises for meetings, seminars, conferences, symposia, examination, counseling etc. The hall shall have adequate electrical and sitting arrangement and audio-visual system facilities.		
(4)	Library: A library shall have seating capacity for fifty students for sixty intake capacity and eighty students for hundred intake capacity, adequate number of shelves or almirahs, sufficient space for keeping stocks, separate reading room for teachers, librarian's room, photocopier or video room computer with printer and internet facility. The library shall have proper light arrangement, fans or coolers, drinking water arrangement and toilet facilities. The library shall have two thousand five hundred books of different titles of Ayurveda, modern medicine and allied sciences at the time of admission of students. .	100	200
	Total	550	1100

(5)	Teaching Departments: There shall be three Teaching Departments each with rooms for teachers, a small departmental library, a small office, working accommodation for non-teaching staff and a museum or laboratory or tutorial room as per requirement of individual department.	Total 650 sq. metre and break up may be as follows:	Total 1300 sq. metre and break up may be as follows:
	Department wise area requirement shall be as under:		
	(i) Dept. of Ayurveda Parichaya Evam Swathvrrta;	50	100
	(ii) Sharira a well-ventilated Hall with exhaust fans and preferable air-conditioned, a room for students with adequate lockers and wash basins, and Sharir Rachna museum with optional micro-anatomy laboratory;	100	200
	(iii) Chikitsa ka Samanya Parichaya & Aushadha Nirman;	100	200
	(iv) Dept. of Dravya Guna and Herbarium-cum museum, drug testing labs;	100	200
	(v) Dept. of Rasa Shastra	100	200
	(vi) Teaching Pharmacy and Quality Testing Laboratory: The college shall have a teaching pharmacy with proper training facilities for preparation of different types of Ayurveda Medicines, a raw drugs store and in-house drug identification	100	200
(6)	Common Rooms: Separate common rooms for boys and girls with adequate space and seating arrangement shall be available.	50	100
(7)	Canteen: Canteen facility with sitting arrangement for about hundred persons shall be available in the college premise. Desirable)	50	100
	Total	650	1300

Note: The above indicated subdivided area among various components may vary within plus or minus twenty per cent but the total area of Paramedical course Ayurveda College should be as per the area mentioned at regulation 5.

DETAILS OF TEACHING STAFF IN PARAMEDICAL COLLEGE/INSTITUTE FOR D.PHARM AYURVEDA COURSE

S. No	Teaching Department	Requirement of teaching staff							
		Upto 60 students				From 61 to 100 students			
(1)	(2)	(3)				(4)			
		Prof.	Associate Prof.	Asstt. Prof.	Total	Prof.	Associate Prof.	Asstt. Prof.	Total
1.	Ayurveda Parichaya Evam Swathvritta& Sharira	2				4			
2.	Dravya Guna	2				4			
3.	Rasa Shastra	1	or 1	1	02	2	or 2	2	04
	Total	1				2			

SCHEDULE-VI

DETAILS OF OTHER STAFF IN PARAMEDICAL COLLEGE/INSTITUTE FOR D.PHARM AYURVEDA COURSE

S.No.	Department	Post	Requirement
(1)	(2)	(3)	(4)
1.	Library	Librarian/Assistant Librarian	1
		Library Attendant or Peon	1
2.	College Office	Clerical staff for administrative accounts services	2
Dept. of Ayurveda Parichaya Evam Swasthvritta		Attendant	1
3.	Sharira	Laboratory Technician	1
		Museum Keeper	1
4.	Aushadha Nirman&Chikitsa ka Samnaya Parichaya	Laboratory Technician	1
		Museum Keeper	1
Dravya Guna		Laboratory Technician	1
		Museum Keeper	1
Rasa Shastra		Pharmacy Attendant	1

The Sweeper, Attendant, Lifter, Laboratory Assistant, Data Entry Operator (DEO), Multipurpose Worker could be on contractual basis

(A). DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR ANATOMY HALL

S. No.	NAME OF INSTRUMENT
1.	Dummy cadaver and models of body parts
2.	Whole body skeleton, bones, preserved body organs etc
3.	Bone Cutters of various types and sizes

4.	Forceps of various types
5.	Chisels
6.	dissecting scissors of various types and sizes
7.	Tagging
8.	Knives of various types
9.	Needles of various types
10	Glass jars with cover for specimen
11	Laboratory trays

(B). DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR PHYSIOLOGY LABORATORY

S.No	Essential Equipment and Instruments
1.	Microscopes with oil immersion
2.	Westergren's pipette for ESR
3.	Haematocrit Tube
4.	Sahli's Haemoglobinometer
5.	Haemocytometer
6.	Sphygmomanometer
7.	Stethoscopes
8.	Clinical Thermometer
9.	Knee Hammer
10.	Tuning forks
11.	Sterilizer
12.	Stop watches
13.	Water Distillation still
14.	Thermometers, balances, Microslides,
15.	Cover slips, glassware
16.	Centrifuge with speed control
17.	Colorimeter (photoelectric)
18.	pH meter Electric
19.	pH comparator with disc
20.	Refrigerator
21.	Newton's colour wheel In a batch

**(C) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR RASA
SHAstra LABORATORY**

S.No.	Essential Equipment and Instruments
1.	Pestle and Mortar-
a.	Small
b.	Medium
c.	Porcelain
d.	Iron
2.	Heating Device-
a.	Gas Stove
b.	Electric stove
c.	Hot plate
d.	Chulha (Charcoal)
3.	Vessels-
a.	Frying Pan
b.	Steel Vessel
c.	Spatula
d.	Ladles & Spoons
e.	Knife
f.	Plates
g.	Tongs
4.	Measuring Equipments Different Size (Glass)
5.	Big Vessels & Containers-
a.	Brass
b.	Copper
c.	Steel etc.
6.	Balance (Different Capacities)
a.	Physical
b.	Chemical
7.	Pounding Apparatus
8.	Sieves (Assorted Nos. & Size)
9.	Wet Grinder
10.	Mixi
11.	Juice Extractor
12.	Putas (Different kind)
13.	Pyrometer
14.	Thermo meter
15.	Pressure Cooker
16.	Crucibles

17.	Refrigerator
18.	Jars (Porcelain) Fermentation Purpose
19.	Distillation Apparatus including Qara Ambiq, Nal Bhabka etc.
20.	Enamel Trays
21.	Spirit Lamp
22.	Microscope
23.	Earthen Vessels-Pots
24.	Almirahs & Racks for storage

(D) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR PHARMACOGNOSY LABORATORY

S.No.	Essential Equipment and Instruments
1.	Field magnifier
2.	Compound microscope
3.	Dissecting Microscope
4.	Microscope
5.	Slides box with cover slips,
6.	Blotting/filter papers
7.	Electronic balance
8.	Dissection Box
9.	Enamel Trays
10.	Reagents-
a.	Chloroform
b.	Alcohol.
c.	HCL
d.	Sulphuric acid
e.	Sodium, potassium hydroxide
f.	Benedict solution
g.	Sodium nitrate
h.	Potassium nitrate