

RULES AND REGULATIONS FOR THE COURSE BACHELOR OF PHYSIOTHERAPY (B.P.Th.)

1. General :

- i. These rules and regulations are framed as per directives of Indian Association of Physiotherapist and MOA of Pravara Institute of Medical Sciences.

2. Faculty :

- i. This course shall be under the Allied Health Sciences Faculty.

3. Nomenclature of Degree :

- i. Bachelor of Physiotherapy (B.P.Th.)

4. Conditions for Admission to B.P.Th. Course:

4.1 The candidate must complete the age of 17 years on or before 31st December of the year of admission.

4.2 Must have passed two years' Intermediate or Higher Secondary (10+2 pattern) or Equivalent Examination thereof with Science subjects viz Physics, Chemistry and Biology (or Botany and Zoology) from a statutory University or Pre-University Intermediate Board or State Higher Secondary Examination Board and should have secured 40% marks in the aggregate of Physics, Chemistry and Biology (or Botany and Zoology) marks and with English as one of the subject.

4.3 For Scheduled Castes / Schedule Tribes candidates, the minimum marks required for admission shall be 40%.

4.4 The candidate should be medically fit.

5. Duration of the course:

Duration of the B.P.Th. course will be four & half calendar years including Six Months compulsory rotatory Internship.

6. Selection of students for B.P.Th. Course:

6.1 The selection of students to B.P.Th. Course shall be based on the merit of the candidate and for determination of merit All India Common Entrance Test (AICET) will be conducted by Pravara Institute of Medical Sciences or by the agency specified by the University Grants Commission, New Delhi.

6.2 To be eligible for selection through All India Common Entrance Test (AICET) a candidate must have satisfied conditions enumerated in the Rule (4) above:

Provided that the candidate who has appeared in a qualifying examination, the result of which has not been declared may be provisionally allowed to appear for competitive entrance examination and in case of his selection for admission to Physiotherapy course, he/she shall not be admitted thereto unless he/she has passed the qualifying examination.

Provided also that a candidate for admission to B.P.Th. course must have obtained not less than 50% marks in the AICET conducted by Pravara Institute of Medical Sciences or by agency specified by University Grants Commission.

Provided further that in respect of candidates belonging to Schedule Castes / Scheduled Tribes, the minimum marks required for admission shall be 40% in lieu of 50% for general candidate.

7. Objectives of the Physiotherapy Course:

7.1 The aim and objective of the B.P.Th. curriculum is to produce a Physiotherapist who is socially acceptable and is able to work safely and effectively on patients in diagnosis, prevention and treatment of all Medical , Surgical and Psychological condition and should have social commitment.

7.2 To produce a Physiotherapist graduate who is capable of functioning effectively both under the rural and urban setting, shall be main objective of the curriculum and emphasis shall be given in fundamental aspects of the subjects taught and on common problems of health and diseases avoiding unnecessary details and areas of specification.

7.3 The education process shall be an evolving one and not merely process of acquisition of a large number of disjointed facts.

7.4 There shall be emphasis on demonstrations, group discussions, seminars, clinical work and conference. The ratio of Theory : Practicals : Clinical work = 1:2:3 Transcript Hrs.

7.5 There shall be frequent internal assessment tests so that the process of learning would be continuous one and not sporadic.

7.6 Careful record of work of student shall be maintained which would form the base for internal assessment.

7.7 The attempt should be made to encourage the students to participate in group discussions and seminars to enable them to develop expression, character and personality and other qualities essential for a physiotherapy graduate to serve the community and nation effectively.

8. Structure of B.P.Th. Curriculum

8.1 Bachelor of Physiotherapy course shall be taught within four years with following distribution.

Sr. No.	Subject/ Course	Code Number
	First Year B.P.Th.	
1.	Human Anatomy	PU 101
2.	Human Physiology	PU 102
3.	Biochemistry	PU 103
4.	Fundamentals of Exercise therapy	PU 104
5.	Fundamentals of Electrotherapy	PU 105
	Second Year B.P.Th.	
1.	Pharmacology	PU 201
2.	Pathology And Microbiology	PU 202
3.	Kinesiotherapy	PU 203
4.	Electrotherapy	PU 204
5.	Psychology	PU 205
	Third Year B.P.Th.	
1.	Medicine	PU 301
2.	Surgery	PU 302
3.	Preventive And Social Medicine	PU 303
4.	Physical Diagnosis And Manipulative Skills	PU 304
	Fourth Year B.P.Th.	
1.	Musculoskeletal Physiotherapy	PU 401
2.	Neurophysiotherapy	PU 402
3.	General Medical And Surgical Physiotherapy	PU 403
4.	Community Physiotherapy And Rehabilitation	PU 404

8.2 The Practical work also includes the clinical work wherever applicable.

8.3 The student will not be allowed to study the course of next year unless he/she has successfully completed the previous B.P.Th. Examination.

8.4 There shall be no ATKT provision

8.5 Internship : Every candidate will be required after passing the final year of B.P.Th. to undergo six months internship as assigned by the college.

9. Transcript Hours for B.P.Th. Course:

9.1 The Transcript Hours for B.P.Th. Course shall be as shown below.

**A. FIRST Year B.P.Th. Total Hrs.: - 1440 hrs.
(Spread over a period of 12 months)**

SRNO	Subject	Code No.	Total Transcript Hours
1.	Introduction of Physiotherapy	--	10 hrs
2.	Human Anatomy	PU – 101	235 hrs
3.	Human Physiology	PU – 102	235 hrs
4.	Biochemistry	PU – 103	40 hrs
5.	Fundamental of Exercise Therapy	PU – 104	210 hrs
6.	Fundamental of Electrotherapy	PU – 105	200 hrs
7.	Physical Fitness and Yoga	--	100 hrs
8.	Seminar	--	40 hrs
9.	Supervised Clinical Practice	--	370 hrs

**B. SECOND Year B.P.Th. Total Hrs.: - 1400 hrs
(Spread over a period of 12 months)**

Sr.No	Subject	Code No.	Total Transcript Hours
1.	Pharmacology	PU – 201	50 hrs
2.	Pathology	PU – 202	50 hrs
3.	Microbiology	PU – 202	30 hrs
4.	Kinesiotherapeutics	PU – 203	300 hrs
5.	Electrotherapy	PU – 204	300 hrs
6.	Psychology	PU – 205	30 hrs
7.	Seminar	--	40 hrs
8.	Supervised Clinical Practice	--	600 hrs

**C. THIRD Year B.P.Th. Total Hrs.: - 1400 hrs
(Spread over a period of 12 months)**

Sr. No.	Subject	Code No.	Total Transcript Hours	
1.	Medicine	PU – 301		160 hrs
	i. General Medicine	--	40 hrs	
	ii. Cardiovascular and Pulmonary	--	60 hrs	
	iii. Neurology	--	60 hrs	
2.	Surgery	PU – 302	--	220 hrs
	i. General Surgery	--	100 hrs	
	ii. Orthopedics and Traumatology	--	120 hrs	
3.	Community Health/Biostatistics / Sociology	PU – 303		70 hrs
	i. Community Health	--	20 hrs	
	ii. Biostatistics	--	30 hrs	
	iii. Sociology	--	20 hrs	
4.	Physical Diagnosis and Manipulative skills D- 3, C 1-6, 9 hrs / Wk	PU - 304	---	200 hrs
5.	Obstetrics and Gynecology	--	---	60 hrs
6.	Pediatric	--	--	60 hrs
7.	Dermatology	--	---	40 hrs
8.	Psychiatry	--	---	50 hrs
9.	Seminar – 2 hrs / wk	--	---	40 hrs
10.	Supervised Clinical Practice Practice – 15 hrs / wk	--	---	500 hrs

**D. FOURTH Year B.P.Th. Total Hrs.: - 1438 hrs
(Spread over a period of 12 months)**

Sr. No.	Subject	Code No	Total Transcript Hours
1.	Musculoskeletal Physiotherapy	PU – 401	200 hrs
2.	Neuro Physiotherapy (Adults / Pediatric/Psychosomatic/ Psychiatric)	PU – 402	220 hrs

3.	General Surgical and Medical Conditions (Cardiovascular and Respiratory Physiotherapy)	PU – 403	200 hrs
4.	Community Physiotherapy (Women Health/Geriatric/Industrial Health/ Inorganic / Health Promotion)	PU - 404	220 hrs
5.	Bio – Engineering	--	30 hrs
6.	Professional Issues / Administration / Management / Marketing	--	40 hrs
7.	Seminar – 2 hrs / wk	--	40 hrs
8.	Supervised Clinical Practice Practice + Project	--	508 hrs

Total Hours: 1440 + 1400 + 1400 + 1438 = 5678 + 1014 Internship = 6692
(Internship - 26 weeks x 39 Hrs = 1014 hrs.)

9.2 The teaching of subject may be spread over one or more terms depending upon local facilities taking care that no excessive load is placed on candidates during one year.

9.3 75% attendance in theory and 80% attendance in Practical and Clinical work is must for qualifying to appear for PIMS Examination.

10. Eligibility for Appearing for PIMS. Examinations

- 10.1 No student will be allowed to appear for the final University Examination conducted by P.I.M.S. unless he/she satisfies the requirement of attendance (75% Theory Lectures, 80% Practicals and clinics in each subject / course) and conduct as stipulated by the P.I.M.S.
- 10.2 No student will be allowed to appear for University Examination unless he/she obtains 35% marks in Internal Assessment for each subject / course separately.
- 10.3 The attendance record and Internal Assessment will be certified by the Dean / Principal of Institution if the candidate satisfies the stipulated rules and conditions.
- 10.4 There will be at least two Internal Assessment Examinations held in a year.
- 10.5 Repeater students, will appear for one Internal Assessment examination.
- 10.6 Repeater candidates will have to attend classes for one term. For these students 75 % theory and 80 % practical and clinic attendance is compulsory to be eligible for reappearing in University Examination.

11. Scheme of Examination

The examinations are to be conducted to assess whether the candidate has acquired the necessary minimum skill and clear concepts of the fundamentals essential for day to day professional work.

11.1 The Examination will be held twice a year.

11.2 The students desirous for appearing for the University Examination shall submit the application form duly filled in along with prescribed examination fees.

Incomplete application form submitted without prescribed fee or application form submitted after due date will be rejected ; and student shall not be allowed to appear for the examination

11.3 The students appearing for the Final University Examination should satisfy the conditions stipulated in Rule 10 above .

11.4 The students will be examined in each subject / course as per following scheme

Examinations	Theory	Practical / Clinical
University Examination	Written 80/40 marks	Practical 80 Marks
Internal Assessment	Written 20/10 Marks	Practical 20 Marks
Subject Total	Theory 100/50	Practical 100

11.5 Each Theory paper will be of three hours (80 Marks) / two hours (40 Marks) duration

11.6 There will be three sections in each theory paper = Section A – MCQs

= Section B – SAQs

= Section C – LAQs

11.7 Not more than 25 candidates should be examined in one day in Clinical or Practical examination / subject .

12. Rules of Passing: -

12.1 The candidate must secure a minimum 50% marks in each head of passing

12.2 There are three heads of passing i.e. Theory, Practical and Internal Assessment or two heads of Passing i.e. Theory and Internal Assessment, for subjects without having Practicals.

12.3 The candidate is eligible to appear in the University examination only when he / she secures. 35% marks in Internal Assessment. However for passing a subject, students should get 50 % marks in total.

12.4 The candidate securing 35% marks in Internal Assessment will have to compensate 15% marks in University examination – Theory/Practical to pass the subject.

12.5 The candidate will be declared as passed with Distinction if he/she secures 75% or more than 75% marks in a examination .

12.6 The candidate will not be allowed to continue in the next higher class unless he/she

passes the whole previous examination.

12.7 If the candidate fails either in Theory or in Practical Examination of a subject he/she will have to appear for both theory and practical / clinical examination again .

13 Syllabus for the entire B.P.Th. course will be provided separately.

Circular No. -----

Loni 413 736 :

Date : -----

Registrar

P.I.M.S