

# Saurashtra University



## FACULTY OF MEDICINE

REVISED DEGREE OF BACHELOR OF PHYSIOTHERAPY (B.PHYSIO)

(w.e.f. Academic Year- 2012)

Regulation, Ordinance and syllabus for B. Physiotherapy

### **O.B. PHYSIO - 1**

The academic year for undergraduate physiotherapy students shall consist of two terms, VIZ.

- (1) The first term commencing on the 1st September and ending on the 28th February.
- (2) The second term commencing on the 1st March and ending on the 31st August. To derive maximum advantage out of this revised curriculum, the vacation period to the students, in one academic year should not exceed one month, (Preferably 15 days summer vacation and 15 Days Diwali vacation)

### **O.B. PHYSIO - 2**

#### **TRAINING PERIOD & TIME / PHASE DISTRIBUTION**

- (1) For the degree of Bachelor of Physiotherapy. Every student shall undergo a period of certified study extending over 4 academic years divided into 8 terms (i.e. of six months each) from the date of commencement of the study for the subjects comprising the physiotherapy curriculum to the date of completion of final B. Physio examination successfully and followed by six months compulsory rotating internship.
- (2) The Period of 4 Years is divided in 4 phases.

### **O.B. PHYSIO - 3**

- (A) Passing in F.Y.B. Physiotherapy (Phase-I) is compulsory before proceeding to phase-II training. No student shall be permitted to join phase-II group of subjects until he/she has passed in all the Phase-I subjects.(as per O.B. Physio.7 (C))
- (B) Passing in Phase-II (S.Y.B. Physiotherapy) is compulsory before proceeding to Phase-III training. (as per O.B. Physio.7 (C))
- (C) Passing in Phase-III (T.Y.B. Physiotherapy) is compulsory before proceeding to Phase-IV training. (as per O.B. Physio.7 (C))
- (D) Passing in Final B. Physiotherapy examination is compulsory before proceeding to compulsory rotating Internship training.

### **O.B. PHYSIO - 4**

- (1) **ESSENTIALITIES FOR QUALIFYING TO APPEAR IN UNIVERSITY EXAMINATIONS.**  
Fresh appearing candidates before presenting themselves for the University examination shall have :-

- (A) Attended 75% of the total numbers of days in each term.
- (B) Attended 75% of the minimum prescribed teaching hours as per O.B. Physio-2 (Lectures and Practicals including clinics, seminars, group discussions, tutorials, demonstrations etc.) in concern subject.

N.B. : for definition of term refer O.B. Physio-1.

- (2) If a student is found appearing in the university examinations without fulfilling the conditions in O.B. Physio-3 (1) criteria, his/her university result of the concerned subject / subjects will be cancelled.

### **O.B. PHYSIO - 5**

#### **PASSING STANDARD**

To pass any B. Physio examination a student must obtain at least 50% marks in the theory and 50% marks in practical examination, in each of the Subjects separately in concerned examination.

In Theory examination following subjects the candidate must obtain at least 50% marks in the paper to pass the subject, instead of each section separately.

1. Psychology & Sociology	In First Year
2. Pathology, Microbiology & Biochemistry	In Second Year
3. Medicine-I	In Second Year
4. Medicine-II	In Third Year
5. Surgery-I	In Second Year
6. Surgery-II	In Third Year

### **O.B. PHYSIO - 6**

#### **DEFINITION OF TRIAL**

First trial is deemed to take place when the candidate is due to appear for the examination irrespective of his / her actual appearance, provided that non-appearance is not a result of medical reasons beyond his / her control. Similarly 2nd, 3rd, etc, trials relating to subsequent examination.

### **O.B. PHYSIO - 7**

- (A) EXEMPTION :

Candidates who have passed in any of the subject / subjects may at their option be excused for appearing in that subject / subjects at a subsequent examination. But they should not be declared to have passed the whole examination until they have passed in all the subjects in the particular examination.

- (B) University examinations will be held twice during the year at the end of each term. Failure to pass the examination will not debar candidate from appearing at subsequent examination, on the submission of a new application and the payment of a fresh fee.

- (C) A candidate failing in any two of subject (two papers) in F. Y. , S. Y. and T. Y. B. Physiotherapy examination will be allowed to keep terms for next higher examination, but he will not be permitted to appear for the higher examination unless he has previously passed the lower examination provided further that the terms kept by him for the higher examination will be available to him for any further appearances at that examination.

### **O.B. PHYSIO - 8**

(I) **AWARDS AND PRIZES**

The following shall be eligible for the university awards and prizes. Those who appear and pass the first, second, third and final B. Physio examination at their first attempt in a regular batch.

(II) **DISTINCTION MARKS**

The subject or subjects in which successful candidates may have distinguished themselves will be shown on the list. In order to obtain distinction in any subject, the candidates should pass the examination at the first attempt in all the subjects and obtain 75% of the total marks in the subject / subjects.

### **O.B. PHYSIO - 9**

#### **COMPULSORY ROTATING INTERNSHIP**

In order to qualify for B. Physiotherapy degree every student after passing Final B. Physiotherapy examination shall do compulsory rotating Internship Training for a period of six months in an institution recognize by SAURASHTRA UNIVERSITY for the purpose.

### **R.B. PHYSIO - 1**

#### **PHASE - I (F.Y.B. PHYSIOTHERAPY) :**

Consisting of 2 terms (First and second terms) university examination of F.Y.B. Physiotherapy shall be held at the end of second term .

#### **SUBJECTS OF F.Y.B. PHYSIOTHERAPY**

- (1) Human Anatomy
- (2) Human Physiology
- (3) Psychology & sociology
- (4) Fundamentals of Electrotherapeutics
- (5) Exercise Therapy - I & Massage Manipulation

Following are the minimum teaching hours for various subjects in phase-I

- |                      |                                 |
|----------------------|---------------------------------|
| (1) Human Anatomy    | 260 Hours Lectures & Practicals |
| (2) Human Physiology | 220 Hours Lectures & Practicals |



- |     |   |                                 |
|-----|---|---------------------------------|
| (3) | Psychology                                    | 40 Hours Lectures               |
| (4) | Sociology                                     | 40 Hours Lectures               |
| (5) | Fund. of Electrotherapeutics                  | 40 Hours Lectures               |
| (6) | Exercise Therapy-I<br>& Massage Manipulations | 150 Hours Lectures & Practicals |

**PHASE - II (S.Y.B. PHYSIOTHERAPY)**

Consists of 2 terms (Third and fourth terms) university examination of S.Y.B. Physiotherapy shall be held at the end of fourth term.

**SUBJECTS OF S.Y.B. PHYSIOTHERAPY**

- (1) Pathology, Microbiology & Biochemistry
- (2) Medicine - I
- (3) Surgery - I
- (4) Exercise therapy - II & Kinesiology
- (5) Electro therapy - I

Following are the minimum teaching hours for various subjects in phase-II

- |      |                             |                                 |
|------|-----------------------------|---------------------------------|
| (1)  | Pathology & Microbiology    | 100 Hours Lectures              |
| (2)  | Biochemistry                | 40 Hours Lectures               |
| (3)  | General Medicine            | 35 Hours Lectures               |
| (4)  | Pediatrics                  | 20 Hours Lectures               |
| (5)  | Skin & V.D.                 | 20 Hours Lectures               |
| (6)  | Plastic Surgery             | 25 Hours Lectures               |
| (7)  | General Surgery             | 25 Hours Lectures               |
| (8)  | E.N.T.                      | 10 Hours Lectures               |
| (9)  | Orthopaedics (Traumatology) | 40 Hours Lectures               |
| (10) | Bio-Mechanics & Kinesiology | 80 Hours Lectures               |
| (11) | Exercise Therapy - II       | 150 Hours Lectures & Practicals |
| (12) | Electrotherapy - I          | 150 Hours Lectures & Practicals |
| (13) | Radiology                   | 5 Hours                         |
|      | Clinical                    | 500 Hours                       |

### PHASE - III (T.Y.B. PHYSIOTHERAPY)

Consisting of 2 terms (Fifth & Sixth Terms). University examination of T.Y.B. Physiotherapy shall be held at the end of sixth term.

#### SUBJECTS OF T.Y.B. PHYSIOTHERAPY

- (1) Medicine - II
- (2) Surgery - II
- (3) Electrotherapy - II
- (4) Bio-statistics & research Methodology
- (5) Pharmacology.

Following are the minimum teaching hours for various subjects phase-III

- |   |                                  |
|---|----------------------------------|
| (1) Neurology                               | 40 Hours Lectures                |
| (2) Obstetrics & Gynecology                 | 40 Hours Lectures                |
| (3) Orthopaedics (Non Traumatic conditions) | 40 Hours Lectures                |
| (4) Cardio Thoracic Surgery                 | 30 Hours Lectures                |
| (5) Pharmacology                            | 40 Hours Lectures                |
| (6) Psychiatry                              | 30 Hours Lectures                |
| (7) Ophthalmology                           | 10 Hours Lectures                |
| (8) Electrotherapy-II                       | 150 Hours Lectures & Practicals  |
| (9) Bio-statistics & Research Methodology   | 45 Hours Lectures                |
| Clinical                                    | 500 Hours Lectures & Practicals. |

### PHASE - IV (FINAL B. PHYSIOTHERAPY)

Consisting of 2 terms (Seventh and Eight terms) University Examination of Final B. Physiotherapy shall be held at the end of eight term.

#### SUBJECTS OF FINAL B. PHYSIOTHERAPY

- (1) Physiotherapy in Neuromuscular Conditions
- (2) Physiotherapy in Cardio Pulmonary Conditions
- (3) Physiotherapy in General Medical and Surgical Conditions
- (4) Physiotherapy & Rehabilitation
- (5) Physiotherapy in Musculoskeletal Conditions.

Following are the minimum teaching hours for various subjects in Phase-IV.

- \* (1) Physiotherapy in Neuromuscular Condition      120 Hours Lectures & Practical

* (2)	Physiotherapy in Cardio Pulmonary Conditions	120 Hours Lectures & Practical
* (3)	Physiotherapy in General Medical & Surgical Conditions	120 Hours Lectures & Practical
(4)	Physiotherapy & Rehabilitation	35 Hours Lectures
* (5)	Physiotherapy in Musculoskeletal Conditions	120 Hours Lectures & Practical
(6)	Ethics & administration	15 Hours Lectures
	Clinical	1100 Hours

\* Teaching hours of these subjects should be distributed in phase II, III and IV.