

**Syllabus**

**For**

**Bachelor of Physiotherapy**  
**(BPT)**

**Academic Programme**

**Duration : 4 years & 6 months internship**

**DURATION OF COURSE :**

- BPT course will be a full time course.
- Duration will be four years followed by compulsory six months rotatory internship.
- This course shall be divided into four professional examinations namely BPT Part-I at the end of first academic year, BPT Part-II at the end of second academic year, BPT Part-III at the end of third academic year, BPT Part-IV at the end of fourth academic year,

**EXAMINATION :**

- There shall be an annual university examination at the end of each academic year in the form of theory papers and practical examinations. The candidate shall be required to appear in every subject as specified in the course structure for each year.

**DURATION OF EXAMINATION :**

- Each theory paper shall be of 3 hrs. duration.

**SCHEME OF EXAMINATION:****BPT- Part-I ( First Year) University Examination**

S. No.	Subjects	Subject code	THEORY MARKS				PRACTICAL MARKS				Total Marks
			Theory Paper	Internal Assessment	Total	Minimum Marks	Practical	Internal Assessment	Total	Minimum Marks	
1	Anatomy	BPT-101	80	20	100	50	80	20	100	50	200
2	Physiology	BPT-102	80	20	100	50	80	20	100	50	200
3	Clinical Biochemistry	BPT-103	80	20	100	50					100
4	General Psychology	BPT-104	80	20	100	50					100
5.	Basic Nursing & First Aid	BPT-105	80	20	100	50					100
<b>Grand Total</b>											<b>700</b>

**BPT- Part-II ( Second Year) University Examination**

S: No	Subjects	Subject Code	THEORY MARKS				PRACTICAL MARKS				Total Marks
			Theory Paper	Internal Assessment	Total	Minimum Marks	Practical	Internal Assessment	Total	Minimum Marks	
1	Biomechanics & Kinesiology	BPT-201	80	20	100	50	80	20	100	50	200
2	Exercise therapy – I	BPT-202	80	20	100	50	80	20	100	50	200
3	Electrotherapy – I	BPT-203	80	20	100	50	80	20	100	50	200
4	Medical Microbiology	BPT-204	80	20	100	50	80	20	100	50	200
5	Pathology	BPT-205	80	20	100	50	80	20	100	50	200
6	Pharmacology	BPT-206	80	20	100	50					100
<b>Grand Total</b>											<b>1100</b>

### BPT- Part-III (Third Year) University Examination

S: no	Subjects	Subject code	THEORY MARKS				PRACTICAL MARKS				Total Marks
			Theory Paper	Internal Assessment	Total	Minimum Marks	Practical	Internal Assessment	Total	Minimum Marks	
1	Exercise therapy- II	BPT-301	80	20	100	50	80	20	100	50	200
2	Electro therapy – II	BPT-302	80	20	100	50	80	20	100	50	200
3	Orthopaedics	BPT-303	80	20	100	50					100
4	General Medicine including Pediatrics & Psychiatry	BPT-304	80	20	100	50					100
5	General Surgery	BPT-305	80	20	100	50					100
6	Community Medicine	BPT-306	80	20	100	50					100
7	Research Methodology & Biostatistics	BPT-307	80	20	100	50					100
<b>Grand Total</b>											<b>900</b>

### BPT- Part-IV (Final Year) University Examination

S: no	Subjects	Subject code	THEORY MARKS				PRACTICAL MARKS				Total Marks
			Theory Paper	Internal Assessment	Total	Minimum Marks	Practical	Internal Assessment	Total	Minimum Marks	
1	Physiotherapy in Orthopaedic Conditions	BPT-401	80	20	100	50	80	20	100	50	200
2	Physiotherapy in Neurological Conditions	BPT-402	80	20	100	50	80	20	100	50	200
3	Physiotherapy in Cardio Respiratory and General Conditions	BPT-403	80	20	100	50	80	20	100	50	200
4	Physiotherapy in Sports	BPT-404	80	20	100	50	80	20	100	50	200
5.	Rehabilitation on Medicine	BPT-405	80	20	100	50	80	20	100	50	200
<b>Grand Total</b>											<b>1000</b>

#### INTERNAL ASSESSMENT

- It will be for theory and practical both.
- It will be done through the whole year.
- Candidate must obtain at least 35% marks in theory and practicals separately in internal assessment to be eligible for the annual university examination.
- Internal assessment (Theory) will be done as follows :
  - a) Mid-term and term examinations = 10 marks
  - b) Assignments/Projects/Class test/Clinical Presentations = 05 marks
  - c) Attendance = 05 marks

**Total = 20 marks**

Internal assessment (Practical) will be done as follows :

- a) Laboratory manual = 10 marks
- b) Day to day performance = 05 marks
- c) Attendance = 05 marks

**Total = 20 marks**

Internal assessment of subjects without practicals will be done as :

- a) Mid-term and term examinations = 10 marks
- b) Assignments/Projects/Class test/Clinical Presentations = 05 marks

c)	Attendance	= 05 marks
	<b>Total</b>	<b>= 20 marks</b>

### **CRITERIA FOR PASSING**

- A candidate is declared to have passed University examination in a subject, if he/she secures 50% of the marks in theory and 50% in practicals separately. For computation of 50% marks in theory, the marks scored in the internal assessment (theory) shall be added to the University conducted written examination and for passing in practical the marks scored in University conducted practical examination and internal assessment (practical) shall be added together.

### **GRACE MARKS:**

- If a candidate fails in one subject (theory only) in the annual University examination, five grace marks will be given to the candidate by the University before the declaration of result.
- Candidate failing in practical examination will be considered as failed.

### **SUPPLEMENTARY EXAMINATION:**

- A candidate failing in a subject but securing at least 30% aggregate marks will be required to appear in the university examination after 3 months in that subject/ subjects while attending classes of next year. Those who secure less than 30% aggregate marks will be required to appear in all the subjects.
- If the candidate fails in supplementary examination his/her session will be shifted by one year. The candidate will have to take admission in the previous year and pay the tuition fee for the academic year. He/she will have to appear in all the subjects in the examination.
- Supplementary examination will be held not earlier than 3 months and later than 6 months from the date of annual University examination.

### **DIVISION:**

- Candidate will be awarded division at the end of fourth academic year as follows:
  - Distinction - 75% and above marks in any subject.
  - First division - 60% and above in the aggregate of marks of all subjects.
  - Second division- 50% or more but less than 60% in the aggregate of marks of all subjects.

### **DEGREE:**

- The degree of B.P.T. course of the University shall be conferred on the candidates who have pursued the prescribed course of study for not less than four academic years and have passed examinations as prescribed under the relevant scheme and completed 6 months of compulsory rotatory internship.

# SYLLABUS

## Course of study

### BPT- I Year

S: no	Subjects	Teaching hours		
		Theory	Practicals	Total
1	Anatomy	180	120	300
2	Physiology	140	60	200
3	Clinical Biochemistry	70		70
4	General Psychology	100		100
5	Basic Nursing & First Aid	100		100
6*	Ethics in physiotherapy practice	25		25
7*	English	40		40
8*	Computer	30	30	60

\* Not included for university examination

### BPT- II Year

S: No	Subjects	Teaching hours		
		Theory	Practical	Total
1	Biomechanics & Kinesiology	80	80	160
2	Exercise therapy – I	80	80	160
3	Electrotherapy – I	80	80	160
4	Medical Microbiology	60	40	100
5	Pathology	60	40	100
5	Pharmacology	70		70
6*	Clinical observation posting (at least 2 hours /day in physiotherapy OPD or in a hospital)		480	480

\* Not included for university examination

### BPT -III Year

S: no	Subjects	Teaching hours		
		Theory	Practical	Total
1	Exercise therapy- II	100	100	200
2	Electro therapy – II	100	100	200
3	Orthopaedics	120		120
4	General Medicine including Paediatrics and Psychiatry	120		120
5	General Surgery	100		100
6	Community Medicine	80		80
7	Research Methodology & Biostatistics	100		100
8*	Supervised rotatory clinical training (at least 2 hours /day in physiotherapy OPD or in a hospital)		480	480

\* Not included for university examination

### BPT-IV Year

S: no	Subjects	Teaching hours		
		Theory	Practical	Total
1	Physiotherapy in Orthopaedic Conditions	80	100	180
2	Physiotherapy in Neurological Conditions	80	100	180
3	Physiotherapy in Cardio Respiratory and General Conditions	80	100	180
4	Physiotherapy in Sports	60	40	100
5	Rehabilitation on Medicine	80	40	120
7*	Supervised rotatory clinical training (at least 2 hours /day in physiotherapy OPD or in a hospital)		480	480

\* Not included for university examination

#### **Internship:**

There shall be six months of Internship after the final year examination for candidates declared to have passed the examination in all the subjects.

During the internship candidate shall have to work full time average 7 hours per day (each working day) for 6 Calendar months.

Each candidate is allowed maximum of 6 holidays during entire Internship Program and in case of any exigencies during which the candidate remains absent for a period more than 6 days, he/she will have to work for the extra days during which the candidate has remained absent.

The Internship should be rotatory and cover clinical branches concerned with Physiotherapy such as Orthopaedics, Cardiothoracic including ICU, Neurology, Neurosurgery, Paediatrics, General Medicine, General Surgery, Obstetrics and Gynaecology both inpatient and outpatient services.

Based on the attendance and work done during posting the Director/Principal/ head of institution/department shall issue '**Certificate of Satisfactory completion**' of training following which the University shall award the Bachelor of Physiotherapy Degree or declare the candidate eligible for the same.

**No candidate shall be awarded degree without successfully completing six months internship.**

Institution shall have to satisfy themselves that satisfactory infrastructure facilities of Physiotherapy exist in the Institute / Hospital where the internship training has to be undertaken.

Following parameters / guidelines have been suggested:

- It is mandatory for the Institution to have its own Physiotherapy clinic fully furnished with all the necessary equipments as per the curriculum of the Program.
- Senior Physiotherapist with sufficient clinical experience should manage the physiotherapy departments in the Institutes/Hospitals.

Institute Director / Principal can at his discretion grant NOC to the students to do the Internship at the place of his choice provided the concerned Hospital fully satisfies the above criteria. For the purpose of granting NOC the candidate shall have to submit to the Institution the status of Physiotherapy services available at the place where he intends to do his Internship.