

**COURSE SCHEME FOR BACHELOR OF PHYSIOTHERAPY**

**CREDITS:** Credit defines the quantum of contents/syllabus prescribed for a course and determines the number of hours of instruction required per week. Thus, normally in each of the courses, credits will be assigned on the basis of the number of lectures/ tutorial laboratory work and other forms of learning required, to complete the course contents in a 15-20 weeks schedule:

1 credit = 1 hour of lecture per week (1 Credit course = 15 hours of lectures per semester)

3 credits = 3 hours of instruction per week (3 Credit course = 45 hours of lectures per semester)

Credits will be assigned on the basis of the lectures (L) / tutorials (T) / Clinical Training (CT) / laboratory work (P) / Research Project (RP) and other forms of learning in a 15-20 weeks schedule.

L - **One credit** for **one hour** lecture per week (1 credit course = 15 hours)

T - **One credit** for **one hour** tutorial per week (1 credit course = 15 hours)

P/T - **One credit** for every **two hours** of laboratory or practical (1 credit course = 30 hours)

CT - **One credit** for every **three hours** of Clinical training/Clinical rotation/posting (1 credit course = 45 hours)

RP - **One credit** for every **two hours** of Research Project per week (1 credit course = 30 hours)



# COURSE SCHEME

## SEMESTER I (1<sup>st</sup> to 6<sup>th</sup> months)

Course Code	Course Title	Type Of Course	Credit Hours	Course Credit	Weekly Class Hours	Hours					Examination Scheme		
						L	T	P	C	Total Hours	University	Internal	Total
B 101	Human Anatomy – I	Core Course	4	4	5	60	15	-	-	75	70	30	100
B 102	Human Anatomy Practical – I	Core Course	2	2	5	-	-	75	-	75	70	30	100
B 103	Human Physiology – I	Core Course	4	4	4	45	15	-	-	60	70	30	100
B 104	Human Physiology Practical – I	Core Course	1	1	2	-	-	30	-	30	70	30	100
B 105	Clinical Biochemistry	Core Course	4	4	5	60	-	15	-	75	70	30	100
B 106	Sociology	Core Course	3	3	3	45	-	-	-	45	70	30	100
B 107	English, Communication and Soft Skills	AECC	3	3	3	45	-	-	-	45	70	30	100
B 108	Introduction to Healthcare Delivery System in India	AECC	2	2	2	30	-	-	-	30	-	100	100
B 109	Basic Computer and Information Science	SEC	2	2	3	15	-	30	-	45	-	100	100
B 110	Clinical Observation	SEC	1	1	4	-	-	-	60	60	-	100	100
<b>Total</b>			<b>26</b>	<b>26</b>	<b>36</b>	<b>300</b>	<b>30</b>	<b>150</b>	<b>60</b>	<b>540</b>	<b>490</b>	<b>510</b>	<b>1000</b>



**SEMESTER II (7<sup>th</sup> to 12<sup>th</sup> months)**

Course Code	Course Title	Type Of Course	Credit Hours	Course Credit	Weekly Class Hours	Hours					Examination Scheme		
						L	T	P	C	Total Hours	University	Internal	Total
B 201	Human Anatomy – II	Core Course	4	4	5	60	15	-	-	75	70	30	100
B 202	Human Anatomy Practical – II	Core Course	3	3	6	-	-	90	-	90	70	30	100
B 203	Human Physiology - II	Core Course	4	4	4	50	10	-	-	60	70	30	100
B 204	Human Physiology Practical – II	Core Course	1	1	3	-	-	45	-	45	70	30	100
B 205	General and Clinical Psychology	Core Course	4	4	4	45	-	15	-	60	70	30	100
B 206	Basic Principles in Biomechanics	Core Course	4	4	4	45	15	-	-	60	70	30	100
B 207	Environmental Science	AECC	3	3	3	45	-	-	-	45	70	30	100
B 208	Medical Terminology and Record Keeping	AECC	3	3	3	45	-	-	-	45	-	100	100
B 209	Clinical Observation	SEC	1	1	4	-	-	-	60	60	-	100	100
<b>Total</b>			<b>27</b>	<b>27</b>	<b>36</b>	<b>290</b>	<b>40</b>	<b>150</b>	<b>60</b>	<b>540</b>	<b>490</b>	<b>410</b>	<b>900</b>



**SEMESTER III (13<sup>th</sup> to 18<sup>th</sup> months)**

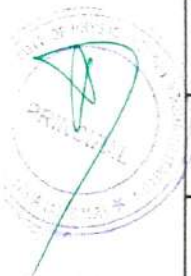
Course Code	Course Title	Type Of Course	Credit Hours	Course Credit	Weekly Class Hours	Hours					Examination Scheme		
						L	T	P	C	Total Hours	University	Internal	Total
B 301	Pathology	Core Course	3	3	3	45	-	-	-	45	70	30	100
B 302	Microbiology	Core Course	3	3	3	45	-	-	-	45	70	30	100
B 303	Pharmacology	Core Course	3	3	3	45	-	-	-	45	70	30	100
B 304	Exercise Therapy – I	Core Course	5	5	5	75	-	-	-	75	70	30	100
B 305	Exercise Therapy Practical – I	Core Course	2	2	4	-	-	60	-	60	70	30	100
B 306	Biomechanics and Kinesiology	Core Course	4	4	6	90	-	-	-	90	70	30	100
B 307	Biomechanics and Kinesiology Practical	Core Course	1	1	3	-	-	45	-	45	70	30	100
B 308	Biophysics	Core Course	3	3	3	45	-	-	-	45	70	30	100
B 309	Introduction to quality and patient safety	AECC	2	2	2	30	-	-	-	30	-	100	100
B 310	Clinical Observation	SEC	2	2	4	-	-	-	60	60	-	100	100
<b>Total</b>			<b>28</b>	<b>28</b>	<b>36</b>	<b>375</b>	<b>-</b>	<b>105</b>	<b>60</b>	<b>540</b>	<b>560</b>	<b>440</b>	<b>1000</b>





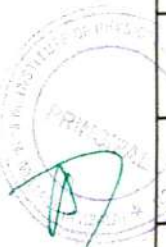
**SEMESTER IV (19<sup>th</sup> to 24<sup>th</sup> months)**

Course Code	Course Title	Type Of Course	Credit Hours	Course Credit	Weekly Class Hours	Hours					Examination Scheme		
						L	T	P	C	Total Hours	University	Internal	Total
B 401	Exercise Therapy – II	Core Course	4	4	6	90	-	-	-	90	70	30	100
B 402	Exercise Therapy Practical – II	Core Course	3	3	6	-	-	90	-	90	70	30	100
B 403	Electro Therapy – II	Core Course	4	4	6	90	-	-	-	90	70	30	100
B 404	Electro Therapy Practical – II	Core Course	3	3	7	-	-	105	-	105	70	30	100
B 405	Yoga	Core Course	2	2	2	30	-	-	-	30	70	30	100
B 406	Yoga Practical	Core Course	1	1	2	-	-	30	-	30	70	30	100
B 407	Physiotherapy Law and Ethics	AECC	3	3	3	45	-	-	-	45	70	30	100
B 408	Clinical Education	SEC	2	2	4	-	-	-	60	60	-	100	100
<b>Total</b>			<b>22</b>	<b>22</b>	<b>36</b>	<b>255</b>	<b>-</b>	<b>225</b>	<b>60</b>	<b>540</b>	<b>490</b>	<b>310</b>	<b>800</b>



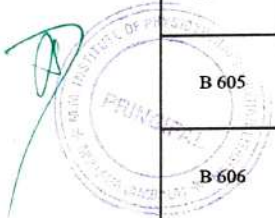
**SEMESTER V (25<sup>th</sup> to 30<sup>th</sup> month)**

Course Code	Course Title	Type Of Course	Credit Hours	Course Credit	Weekly Class Hours	Hours					Examination Scheme		
						L	T	P	C	Total Hours	University	Internal	Total
B 501	Clinical Musculoskeletal Conditions and Traumatology	Core Course	4	4	6	90	-	-	-	90	70	30	100
B 502	General Medicine/Pediatrics and Psychiatry	Core Course	4	4	4	60	-	-	-	60	70	30	100
B 503	General Surgery including Burns, Plastic Surgery and Obstetrics and Gynecology	Core Course	4	4	4	60	-	-	-	60	70	30	100
B 504	Community Medicine	Core Course	4	4	5	75	-	-	-	75	70	30	100
B 505	Diagnostic Imaging for Physiotherapist	AECC	2	2	2	30	-	-	-	30	-	100	100
B 506	Evaluation Methods and Outcomes	SEC	2	2	3	15	-	30	-	45	-	100	100
B 507	Clinical Education	SEC	4	4	12	-	-	-	180	180	-	100	
<b>Total</b>			<b>24</b>	<b>24</b>	<b>36</b>	<b>330</b>	<b>-</b>	<b>30</b>	<b>180</b>	<b>540</b>	<b>280</b>	<b>420</b>	



**SEMESTER VI (31<sup>th</sup> to 36<sup>th</sup> month)**

Course Code	Course Title	Type Of Course	Credit Hours	Course Credit	Weekly Class Hours	Hours					Examination Scheme		
						L	T	P	C	Total Hours	University	Internal	Total
B 601	Physiotherapy in Musculoskeletal and Sports Conditions	Core Course	4	4	5	75	-	-	-	75	70	30	100
B 602	Physiotherapy in Musculoskeletal and Sports Conditions Practical	Core Course	2	2	4		-	60	-	60	70	30	100
B 603	Physiotherapy in General Medicine and Surgery	Core Course	4	4	4	60	-	-	-	60	70	30	100
B 604	Physiotherapy in General Medicine and Surgery Practical	Core Course	1	1	2	-	-	30	-	30	70	30	100
B 605	Clinical Neurology and Neurosurgery	Core Course	4	4	5	75	-	-	-	75	70	30	100
B 606	Research Methodology and Bio-statistics	Core Course	4	4	4	60	-	-	-	60	70	30	100
B 607	Clinical Education	SEC	4	4	12		-	-	180	180	-	100	100
<b>Total</b>			<b>23</b>	<b>23</b>	<b>36</b>	<b>270</b>	<b>-</b>	<b>90</b>	<b>180</b>	<b>540</b>	<b>420</b>	<b>280</b>	<b>700</b>



**SEMESTER VII (37<sup>th</sup> to 42<sup>th</sup> month)**

Course Code	Course Title	Type Of Course	Credit Hours	Course Credit	Weekly Class Hours	Hours					Examination Scheme		
						L	T	P	C	Total Hours	University	Internal	Total
B 701	Physiotherapy in Neurological Disorders	Core Course	4	4	5	75	-	-	-	75	70	30	100
B 702	Physiotherapy in Neurological Disorders Practical	Core Course	2	2	4	-	-	60	-	60	70	30	100
B 703	Clinical Cardiovascular & Pulmonary conditions and Intensive Care	Core Course	4	4	5	75	-	-	-	75	70	30	100
B 704	Health Fitness and Wellness	Core Course	4	4	4	60	-	-	-	60	70	30	100
B705	Clinical Education	SEC	4	4	18	-	-	-	270	270	-	100	100
<b>Total</b>			<b>18</b>	<b>18</b>	<b>36</b>	<b>210</b>	<b>-</b>	<b>60</b>	<b>270</b>	<b>540</b>	<b>280</b>	<b>220</b>	<b>500</b>





**SEMESTER VIII (43<sup>th</sup> to 48<sup>th</sup> month)**

Course Code	Course Title	Type Of Course	Credit Hours	Course Credit	Weekly Class Hours	Hours					Examination Scheme		
						L	T	P	C	Total Hours	University	Internal	Total
B 801	Physiotherapy in Cardiovascular & Pulmonary Conditions and Intensive Care	Core Course	4	4	5	75	-	-	-	75	70	30	100
B 802	Physiotherapy in Cardiovascular & Pulmonary Conditions and Intensive Care Practical	Core Course	3	3	6	-	-	90	-	90	70	30	100
B 803	Community Based Rehabilitation	Core Course	4	4	6	90	-	-	-	90	70	30	100
B 804	Clinical Reasoning and Evidence Based Physiotherapy Practice	Core Course	2	2	2	30	-	-	-	30	70	30	100
B 805	Research Project	Core Course	2	2	3	15	-	30	-	45	-	100	100
B 806	Administration and Teaching Skills	AECC	2	2	2	15	-	15	-	30	-	100	100
B 807	Clinical Education	SEC	4	4	12	-	-	-	180	180	-	100	100
<b>Total</b>			<b>21</b>	<b>21</b>	<b>36</b>	<b>225</b>	<b>-</b>	<b>135</b>	<b>180</b>	<b>540</b>	<b>280</b>	<b>420</b>	<b>700</b>

**Note: Minimum passing marks are 50% in both Internal and University examinations.**

BACHELOR OF PHYSIOTHERAPY

COURSES OF INTRUCTION

COURSES/SUBJECT		TEACHING HOURS
<b>B.P.T-1<sup>st</sup> Year</b>		
1.	ANATOMY	320
2.	PHYSIOLOGY	280
3.	BIO-CHEMSTRY	120
4.	ELECTROTHERAPY-I	200
5.	EXERCISE THERAPY-I	200
6.	SOCIOLOGY	80
7.	ENGLISH	60
<b>B.P.T-2<sup>nd</sup> Year</b>		
1.	PATHOLOGY & MIC-BIOLOGY	120
2.	PHARMACOLOGY	80
3.	ELECTROTHERAPY-II	200
4.	EXERCISE THERAPY-II	200
5.	BIO-MECHNAICS	80
6.	PSYCHOLOGY	120
<b>B.P.T-3<sup>rd</sup> Year</b>		
1.	GEN. MEDICINE	200
2.	GEN. SURGERY	200
3.	ORTHOPEDICS-I	100
4.	PHYSIOTHERAPY IN MEDICAL CONDITION-I	200
5.	PHYSIOTHERAPY IN SURGICAL CONDITION-I	320
6.	RESEARCH MATHDOLOGY & BIO-STATISTICS	120
7.	COMPUTER APPLICATION	120
<b>B.P.T-4<sup>th</sup> Year</b>		
1.	NEUROLOGY	120
2.	GERIATRICS & PAEDITRICS	80
3.	ORTHOPEDICS-II	100
4.	OBS. & GYNAE & ENT. OPHTHALMOLOGY	40
5.	PHYSIOTHERAPY IN MEDICAL CONDITION-II	320
6.	PHYSIOTHERAPY IN SURGICAL CONDITION-I	320
7.	RATIONALE OF REHABILITATION	120
8.	PHYSIOTHERAPY ETHIC & LAW	80



BACHELOR OF PHYSIOTHERAPY

**B.Ph.T. 1<sup>ST</sup> YEAR**

**SCHEME OF EXAMINATION**

S.NO	SUBJECT / PAPER	THEORY EXAMINATION		PRACTICAL EXAMINATION		DURATION OF UNIV. EXAM	Total Marks
		INTERNAL	UNIV.	INTERNAL	UNIV.		
1	ANATOMY	20	80	20	80	3 Hrs.	200
2.	PHYSIOLOGY	20	80	20	80	3 Hrs.	200
3.	BIO-CHEMISTRY	20	80	---	---	3 Hrs.	100
4.	ELECTROTHERAPY-I	20	80	20	80	3 Hrs.	200
5.	EXERCISE THERAPY-I	20	80	20	80	3 Hrs.	200
6.	SOCIOLOGY	20	80	--	--	3 Hrs.	100
7.	ENGLISH	10	40	10	40	2 Hrs.	100

**TOTAL MARKS IN 1<sup>ST</sup> YEAR: - 1100**

**B.Ph.T. 2<sup>ND</sup> YEAR**

S.NO	SUBJECT / PAPER	THEORY EXAMINATION		PRACTICAL EXAMINATION		DURATION OF UNIV. EXAM	Total Marks
		INTERNAL	UNIV.	INTERNAL	UNIV.		
1	PATHOLOGY & MIC-BIOLOGY	10	40	--	--	3 Hrs.	100
		10	40	--	--	3 Hrs.	100
2.	PHARMACOLOGY	20	80	--	--	3 Hrs.	200
3.	ELECTROTHERAPY-II	20	80	20	80	3 Hrs.	200
4.	EXERCISE THERAPY-II	20	80	20	80	3 Hrs.	200
5.	BIO-MECHNAICS	20	80	20	80	3 Hrs.	200
6.	PSYCHOLOGY	20	80	--	-	3 Hrs.	100

**TOTAL MARKS IN 2<sup>ND</sup> YEAR: - 900**

**B.P.T. 3<sup>RD</sup> YEAR**





S.NO.	SUBJECT/PAPER	THEORY EXAMINATION		PRACTICAL EXAMINATION		DURATI ON OF UNIV. EXAM	Total Marks
		INTERNAL	UNIV.	INTERNAL	UNIV.		
1	GEN. MEDICINE	20	80	20	80	3 Hrs.	200
2.	GEN. SURGERY	20	80	20	80	3 Hrs.	200
3.	ORTHOPEDECS-I	20	80	20	80	3 Hrs.	200
4.	PHYSIOTHERAPY IN MEDICAL CONDITION-I	20	80	20	80	3 Hrs.	200
5.	PHYSIOTHERAPY IN SURGICAL CONDITION-I	20	80	20	80	3 Hrs.	200
6.	RESEARCH MATHDOLOGY & BIO-STATISTICS	20	80	--	-	3 Hrs.	100
7.	COMPUTER APPLICATION	---	--	20	80	3 Hrs.	100

**TOTAL MARKS IN 3<sup>RD</sup> YEAR: - 1200**

**B.P.T. 4<sup>th</sup> YEAR**

S.NO.	SUBJECT / PAPER	THEORY EXAMINATION		PRACTICAL EXAMINATION		DURATI ON OF UNIV. EXAM	Total Marks
		INTERNAL	UNIV.	INTERNAL	UNIV.		
1	NEUROLOGY	20	80	20	80	3 Hrs.	200
2.	GERIATRICS & PAEDITRICS	10	40	20	80	3 Hrs.	200
		10	40				
3.	ORTHOPEDECS-II	20	80	20	80	3 Hrs.	200
4.	OBS. & GYNAE & ENT. OPTHALMOLOGY	05	20	--	--	3 Hrs.	75
		05	20				
		05	20				
5.	PHYSIOTHERAPY IN MEDICAL CONDITION-II	20	80	20	80	3 Hrs.	200
6.	PHYSIOTHERAPY IN SURGICAL CONDITION-I	20	80	20	80	3 Hrs.	200
7.	RATIONALE OF REHABILITATION	20	80	20	80	3 Hrs.	200
8.	PHYSIOTHERAPY ETHIC & LAW	10	40	--	--	2 Hrs.	50

**TOTAL MARKS IN 4<sup>th</sup> YEAR: - 1325**

**Grand Total marks B.Ph.T. - I year to B.Ph.T-IV year - 4525**





# Master of Physiotherapy

PART-I (Semester I & II)

## Scheme of Examination and Courses of Studies

MPT FIRST YEAR							
Paper	Specialization	Title of the paper	Teaching Hrs./Week	Max. Marks Allowed			Minimum passing marks in aggregate
				External Assessment	Internal Assessment	Total	
<b>Semester – I</b>							
MC101	Common to all Specializations	Basic Medical Sciences	5	70	30	100	50%
MC102	Common to all Specializations	Biomechanics	5	70	30	100	50%
MC103	Common to all Specializations	Research methodology and biostatistics I	5	70	30	100	50%
MCT104	Cardio- Thoracic Disorders	Cardio- Thoracic Disorders I	5	70	30	100	50%



## Semester – II

MC201	Common to all Specializations	Advanced medical sciences	5	70	30	100	50%
MC202	Common to all Specializations	Educational Technology and Management in Physiotherapy	5	70	30	100	50%
MC203	Common to all Specializations	Research methodology and Biostatistics II	5	70	30	100	50%
MCT204	Cardio- Thoracic Disorders	Cardio- Thoracic Disorders II	5	70	30	100	50%
		Skills acquisition and refinement	24	-	-	-	-

# MASTER OF PHYSIOTHERAPY

## PART-II (Semester III & IV)

(SESSION 2014-15, 2015-16)

### SCHEME OF EXAMINATION AND COURSES OF STUDIES

Paper	Specialization	Title of the paper	Teaching Hrs./Week	Max. Marks Allowed			Minimum passing marks in aggregate
				External Assessment	Internal Assessment	Total	
<b>Semester – III</b>							
MC301	Common to all Specializations	Basics of Exercise Physiology & Nutrition	5	70	30	100	50%
MC302	Common to all Specialization	Bio-Engineering and Rehabilitation Principles	5	70	30	100	50%
MCT303	Cardio- Thoracic Disorders	Cardio- Thoracic disorders III	5	70	30	100	50%
		Skills acquisition and refinement	24	-	-	-	-
		*Dissertation		-	-	-	-

## Semester – IV

MC401	Common to all Specialization	Applied Exercise Physiology	5	70	30	100	50%
MCT402	Cardio Thoracic Disorders	Advance Concepts of Physiotherapy in Cardio Thoracic Disorders	5	70	30	100	50%
MCT403	Cardio Thoracic Disorders	Cardio Thoracic disorders IV	5	70	30	100	50%
		Skills acquisition and refinement	24				
MCT404	Cardio Thoracic Disorders	Skill enhancing (Practical)	-	200	100	300	50%
MCT405	Cardio Thoracic Disorders	Dissertation	-	140	60	200	50%

