



**TECHNO INDIA UNIVERSITY**  
WESTBENGAL

## **Syllabus for 4.5-Years B.P.T**



**Department of Physiotherapy**

**Techno India University, West Bengal**  
**EM-4, EM Block, Sector V, Bidhannagar,**  
**Kolkata -700091, West Bengal**



## Course Curriculum

### Semester-I

Course Code	Course Title				Credit
		L	T	P	
TIU-CC-UPT-T11101	HUMAN ANATOMY I	3	0	1	3
TIU-CC-UPT-T11102	HUMAN PHYSIOLOGY I	3	0	1	3
TIU-CC-UCH-T11101	BIOCHEMISTRY	3	0	0	3
TIU-CC-UPT-T11104	INTRODUCTION TO HEALTHCARE DELIVERY SYSTEM IN INDIA	3	0	0	3
TIU-CC-UMB-T11101	MICROBIOLOGY	2	0	0	2
TIU-VAC-UEN T11101	ENGLISH LANGUAGE & PERSONALITY DEVELOPMENT I	1	0	1	1
TIU-VAC-UCS- T11101	Basic Computer learning	1	0	0	1
TIU-CC-UPT- L11101	HUMAN ANATOMY I PRACTICAL	0	0	4	2
TIU-CC-UPT- L11102	HUMAN PHYSIOLOGY I PRACTICAL	0	0	4	2
TIU-VAC-UEN-L11101	ENGLISH LANGUAGE & PERSONALITY DEVELOPMENT I PRACTICAL	0	0	2	1
TIU-VAC-UCS-L11101	BASIC COMPUTERLEARNINGPRACTICALS	0	0	2	1
	<b>Total</b>	<b>16</b>	<b>0</b>	<b>17</b>	<b>22</b>



### Semester-II

Course Code	Course Title				Credit
		L	T	P	
TIU-CC-UPT- T12101	HUMANANATOMYII	3	0	0	3
TIU-CC-UPT- T12102	HUMANPHYSIOLOGYII	3	0	0	3
TIU-CC-UPY- T12101	GENERAL&CLINICAL PSYCHOLOGY	3	0	0	3
TIU-CC-UPT- T12104	BASICPRINCIPLESOF BIOMECHANICS	3	0	0	3
TIU-CC-UED- T12101	SOCIOLOGY	2	0	0	2
TIU-VAC-UEN-T12101	ENGLISHLANGUAGE& PERSONALITY DEVELOPMENTII	1	0	0	1
TIU-CC-UPT- L12101	HUMANANATOMYII PRACTICAL	0	0	4	2
TIU-CC-UPT- L12102	HUMANPHYSIOLOGYII PRACTICAL	0	0	4	2
TIU-VAC-UEN-L12101	ENGLISHLANGUAGE&PERSONALITY DEVELOPMENT II PRACTICAL	0	0	2	1
<b>Total</b>		<b>15</b>	<b>0</b>	<b>10</b>	<b>20</b>



### Semester-3

Course Code	Course Title				Credit
		L	T	P	
TIU-CC-UML-T21101	PATHOLOGY	3	0	0	3
TIU-CC-UBP-T21101	PHARMACOLOGY	3	0	0	3
TIU-CC-UPT-T21101	BIOMECHANICS& KINESIOLOGY I	3	0	0	3
TIU-CC-UPT-T21102	FOUNDATION OF EXERCISE THERAPY & THERAPEUTIC MASSAGE	3	0	0	3
TIU-CC-UPT-T21103	ELECTROTHERAPY I	3	0	0	3
TIU-AEC-UEN-T21101	ENGLISH LANGUAGE & SOFT SKILLS III	1	0	0	1
TIU-CC-UPT-L21102	FOUNDATION OF EXERCISE THERAPY & THERAPEUTIC MASSAGE PRACTICAL	0	0	4	2
TIU-CC-UPT-L21103	ELECTROTHERAPY I PRACTICAL	0	0	4	2
TIU-AEC-UEN-L21101	ENGLISH LANGUAGE & SOFT SKILLS III PRACTICAL	0	0	2	1
	<b>Total</b>	<b>16</b>	<b>0</b>	<b>10</b>	<b>21</b>



4<sup>th</sup> SEMESTER

Course Code	Course Title				Credit
		L	T	P	
TIU-CC-UPT-T22101	BIOMECHANICS& KINESIOLOGY II	3	0	0	3
TIU-CC-UPT-T22102	EXERCISE THERAPY II	3	0	0	3
TIU-CC-UPT-T22103	ELECTROTHERAPY II	3	0	0	3
TIU-CC-UBT-T22101	INTRODUCTION TO AI IN HEALTH CARE	2	0	0	2
TIU-CC-UPT-L22101	BIOMECHANICS& KINESIOLOGY II PRACTICALS	0	0	4	2
TIU-CC-UPT-L22102	EXERCISE THERAPY II PRACTICALS	0	0	4	2
TIU-CC-UPT-L22103	ELECTROTHERAPY II PRACTICALS	0	0	4	2
	<b>TOTAL</b>	<b>11</b>	<b>0</b>	<b>12</b>	<b>17</b>



**5<sup>th</sup> SEMESTER**

Course Code	Course Title				Credit
		L	T	P	
	CLINICAL ORTHOPAEDICS & TRAUMATOLOGY	3	0	0	3
	GENERAL SURGERY INCLUDING CARDIOTHORACIC SURGERY	3	0	0	3
	GENERAL MEDICINE INCLUDING CARDIO-RESPIRATORY DISEASES	3	0	0	3
	COMMUNITY MEDICINE	2	0	0	2
	NEUROLOGY I	3	0	4	3
	DIAGNOSTIC IMAGING FOR PHYSIOTHERAPIST	1	0	0	1
	CLINICAL ORTHOPAEDICS & TRAUMATOLOGY PRACTICAL	0	0	4	2
	NEUROLOGY I PRACTICAL	0	0	4	2
	<b>Total</b>	<b>15</b>	<b>0</b>	<b>8</b>	<b>19</b>



**6<sup>th</sup> SEMESTER**

Course Code	Course Title				Credit
		L	T	P	
	CLINICAL ORTHOPAEDICS AND TRAUMATOLOGY II	3	0	0	3
	GENERAL MEDICINE II & PAEDIATRICS	3	0	0	3
	CLINICAL NEUROLOGY & NEUROSURGERY	3	0	0	3
	FUNCTIONAL ASSESSMENT	3	0	0	3
	CLINICAL ORTHOPAEDICS AND TRAUMATOLOGY II PRACTICAL	0	0	4	2
	CLINICAL NEUROLOGY & NEUROSURGERY PRACTICAL	0	0	4	2
	FUNCTIONAL ASSESSMENT PRACTICAL	0	0	4	2
	<b>Total</b>	<b>12</b>	<b>0</b>	<b>12</b>	<b>18</b>



**7<sup>th</sup> SEMESTER**

Course Code	Course Title				Credit
		L	T	P	
	PHYSIOTHERAPYIN ORTHOPAEDICS &SPORTS	3	0	0	3
	PHYSIOTHERAPYIN NEUROLOGY &PSYCHOSOMATIC DISORDER	3	0	0	3
	BIostatistics&RESEARCH METHODOLOGY	3	0	0	3
	CLINICAL CARDIOVASCULAR&PULMONARY	3	0	0	3
	PHYSIOTHERAPYIN PAEDIATRICS	2	0	0	2
	PHYSIOTHERAPYIN ORTHOPAEDICS&SPORTS PRACTICAL	0	0	4	2
	PHYSIOTHERAPYIN NEUROLOGY &PSYCHOSOMATIC DISORDER PRACTICAL	0	0	4	2
	CLINICAL CARDIOVASCULAR&PULMONARYPR ACTICAL	0	0	4	2
	<b>TOTAL</b>	<b>14</b>	<b>0</b>	<b>12</b>	<b>20</b>



**8<sup>th</sup> SEMESTER**

Course Code	Course Title				Credit
		L	T	P	
	PHYSIOTHERAPY IN ORTHOPAEDICS & SPORTS II	3	0	0	3
	PHYSIOTHERAPY IN NEUROLOGY & PSYCHOSOMATIC DISORDER II	3	0	0	3
	PHYSIOTHERAPY IN CARDIOVASCULAR PULMONARY AND INTENSIVE CARE II	3	0	0	3
	COMMUNITY PHYSIOTHERAPY	2	0	0	2
	PHYSIOTHERAPY IN OBSTRETIC & GYNAECOLOGY	2	0	0	2
	PHYSIOTHERAPY IN ORTHOPAEDICS & SPORTS II PRACTICAL	0	0	4	2
	PHYSIOTHERAPY IN NEUROLOGY & PSYCHOSOMATIC DISORDER II PRACTICAL	0	0	4	2
	PHYSIOTHERAPY IN CARDIOVASCULAR PULMONARY AND INTENSIVE CARE II PRACTICAL	0	0	4	2
	COMMUNITY PHYSIOTHERAPY PRACTICAL	0	0	4	2
	PHYSIOTHERAPY IN OBSTRETIC & GYNAECOLOGY PRACTICAL	0	0	2	1
	<b>TOTAL</b>	<b>13</b>	<b>0</b>	<b>18</b>	<b>22</b>