



**INTEGRAL UNIVERSITY, LUCKNOW**  
**INTEGRAL INSTITUTE OF ALLIED HEALTH SCIENCES**  
**DEPARTMENT OF PHYSIOTHERAPY**  
**BACHELOR OF PHYSIOTHERAPY**  
**(BPT)**  
**SYLLABUS AND EVALUATION SCHEME**  
**YEAR/ SEMESTER**  
**I/I & I/II**  
**&**  
**PEOs-POs-PSOs**



**Integral University, Lucknow**  
**Department of Physiotherapy**  
**Study and Evaluation Scheme**

**Program: BPT**

**Semester-I**

S. N.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits
				L	T	P	CT	TA	Total	ESE			
<b>THEORIES</b>													
1	PT101	Human Anatomy-I	Core	3	1	0	40	20	60	40	100	3:1:0	4
2	PT102	Human Physiology-I	Core	3	1	0	40	20	60	40	100	3:1:0	4
3	PT103	Biochemistry	DSE	3	1	0	40	20	60	40	100	3:1:0	4
4	PT104	Basic of Electrotherapy	Core	3	1	0	40	20	60	40	100	3:1:0	4
5	CS107	Computer Application in Physiotherapy	AEC	2	1	0	40	20	60	40	100	2:1:0	3
6	LN101	Basic Professional Communication	AEC	2	1	0	40	20	60	40	100	2:1:0	3
<b>PRACTICAL</b>													
1	PT105	Human Anatomy -I Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
2	PT106	Human Physiology -I Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
3	PT107	Biochemistry-Lab	DSE	0	0	2	50	50	100	-	100	0:0:1	1
4	PT108	Basic of Electrotherapy-Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
<b>Total</b>				<b>16</b>	<b>06</b>	<b>08</b>	<b>410</b>	<b>230</b>	<b>640</b>	<b>360</b>	<b>1000</b>	<b>26</b>	<b>26</b>

S. N.	Course code	Course Title	Type of Paper	Attributes							United Nation Sustainable Development Goal (SDGs)
				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
<b>THEORIES</b>											
1	PT101	Human Anatomy-I	Core	√	√	√			√	√	3,4
2	PT102	Human Physiology-I	Core	√	√	√	√		√	√	3,4
3	PT103	Biochemistry	DSE	√	√	√	√		√	√	3,4
4	PT104	Basic of Electrotherapy	Core	√	√	√	√		√	√	3,4
5	CS107	Computer Application in Physiotherapy	AEC	√	√	√	√		√	√	3,4
6	LN101	Basic Professional Communication	AEC	√	√	√	√		√	√	3,4
<b>PRACTICAL</b>											
1	PT105	Human Anatomy -I Lab	Core	√	√	√	√		√	√	3,4
2	PT106	Human Physiology -I Lab	Core	√	√	√	√		√	√	3,4
3	PT107	Biochemistry-Lab	DSE	√	√	√	√		√	√	3,4
4	PT108	Basic of Electrotherapy-Lab	Core	√	√	√	√		√	√	3,4

**L:** Lecture      **T:** Tutorials      **P:** Practical      **CT:** Class Test      **TA:** Teacher Assessment      **ESE:** End Semester Examination,  
 AE= Ability enhancement, DSE- Discipline Specific Elective, **Sessional Total:** Class Test + Teacher Assessment      **Subject Total:** Sessional Total + End Semester Examination (ESE)



**Integral University, Lucknow**  
**Department of Physiotherapy**  
**Study and Evaluation Scheme**

**Program: BPT**

**Semester-II**

S. N.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits
				L	T	P	CT	TA	Total	ESE			
<b>THEORIES</b>													
1	PT109	Human Anatomy-II	Core	3	1	0	40	20	60	40	100	3:1:0	4
2	PT110	Human Physiology-II	Core	3	1	0	40	20	60	40	100	3:1:0	4
3	PT111	Basic of Exercise therapy	Core	3	1	0	40	20	60	40	100	3:1:0	4
4	PT112	General Psychology and Sociology	DSE	2	1	0	40	20	60	40	100	2:1:0	3
5	ES101	Environmental studies	AEC	2	1	0	40	20	60	40	100	2:1:0	3
6	LN131	Effective Communication and Media Studies in English	AEC	2	1	0	40	20	60	40	100	2:1:0	3
<b>PRACTICAL</b>													
1	PT113	Human Anatomy -I Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
2	PT114	Human Physiology-I Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
3	PT115	Basic of Exercise therapy-Lab	Core	0	0	2	40	20	60	40	100	0:0:1	1
<b>Total</b>				<b>15</b>	<b>06</b>	<b>06</b>	<b>360</b>	<b>180</b>	<b>540</b>	<b>360</b>	<b>900</b>	<b>24</b>	<b>24</b>

S. N.	Course code	Course Title	Type of Paper	Attributes						United Nation Sustainable Development Goal (SDGs)	
				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics
<b>THEORIES</b>											
1	PT109	Human Anatomy-II	Core	√	√	√	√		√	√	3,4
2	PT110	Human Physiology-II	Core	√	√	√	√		√	√	3,4
3	PT111	Basic of Exercise therapy	Core	√	√	√	√		√	√	3,4
4	PT112	General Psychology and Sociology	DSE	√	√	√	√		√	√	3,4
5	ES101	Environmental studies	AEC					√			6,13,14,& 15
6	LN131	Effective Communication and Media Studies in English	AEC								
<b>PRACTICAL</b>											
1	PT113	Human Anatomy -I Lab	Core	√	√	√	√		√	√	3,4
2	PT114	Human Physiology-I Lab	Core	√	√	√	√		√	√	3,4
3	PT115	Basic of Exercise therapy-Lab	Core	√	√	√	√		√	√	3,4

**L:** Lecture      **T:** Tutorials      **P:** Practical      **CT:** Class Test      **TA:** Teacher Assessment **ESE:** End Semester Examination,  
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# BACHELOR OF PHYSIOTHERAPY (BPT)



## Program Educational Outcomes (PEOs)

The overall objective of the physiotherapy Program is to prepare students to practice state of the art physical therapy. To do this, students must become licensed in their legal jurisdiction. The educational goals of the curriculum reflect the knowledge, skills and behaviors expected of program graduates. The graduates of the Integral University physiotherapy program will be expected to:

<b>PE01:</b>	<ul style="list-style-type: none"> <li>• Demonstrate knowledge of the theoretical basis of physiotherapy.</li> </ul>
<b>PE02:</b>	<ul style="list-style-type: none"> <li>• Demonstrate clinical competency in evaluation, treatment planning and implementation.</li> </ul>
<b>PE03:</b>	<ul style="list-style-type: none"> <li>• Integrate knowledge of basic sciences and physiotherapy in order to modify treatment approaches that reflect the breadth and scope of physiotherapy practice.</li> </ul>
<b>PE04:</b>	<ul style="list-style-type: none"> <li>• Integrate the use of basic principles of research in critical analysis of concepts and findings generated by self and others.</li> </ul>
<b>PE05:</b>	<ul style="list-style-type: none"> <li>• Actively recognize the rights and dignity of individuals in planning and administering programs of care.</li> </ul>
<b>PE06:</b>	<ul style="list-style-type: none"> <li>• Identify with and contribute to the aims and ideals of the profession.</li> </ul>
<b>PE07:</b>	<ul style="list-style-type: none"> <li>• Function as competent physical therapists in any health care setting.</li> </ul>
<b>PE08:</b>	<ul style="list-style-type: none"> <li>• Demonstrate command of knowledge which is necessary to function as an independent problem solver and learner in the practice environment.</li> </ul>
<b>PE09:</b>	<ul style="list-style-type: none"> <li>• Practice in an ethical and legal manner.</li> </ul>

# BACHELOR OF PHYSIOTHERAPY (BPT)



## PROGRAMME OUTCOMES (POs)

**PROGRAMME OUTCOMES (POs) POs and its Attributes: Physiotherapy Graduates will be able to-**

<b>P01:</b> System of Health Care:	<ul style="list-style-type: none"> <li>Recognize the role of Physiotherapy in the context of health need of the community and National priorities in the health sectors. Understanding the rules, responsibility and expertise of all health professionals and how they work as a team member to delivered health care with their expertise and ability to communicate effectively with them.</li> </ul>
<b>P02:</b> Fundamental Knowledge:	<ul style="list-style-type: none"> <li>Basic knowledge comprises Human Anatomy, Physiology, pathology, Pharmacology, Medicine, Surgical Conditions and their Physiotherapeutic management and executes particular task and understanding the factor that might disturb normal structure and function with proper rehabilitation how to overcome from underlying problem.</li> </ul>
<b>P03:</b> Assessment:	<ul style="list-style-type: none"> <li>A holistic approach of patient assessment through various learning process with physical therapy domain from impairment to disability and categorized to store towards normal ADL.</li> </ul>
<b>P04:</b> Critical Thinking:	<ul style="list-style-type: none"> <li>Identify, define and deal with problems of professional practice through logical, analytical and critical thinking. Acquire the necessary knowledge and skills to help them practice efficiently and accurately. Apply the methods of evaluation and differential diagnosis in Physiotherapy and develop the appropriate rehabilitation program for patients.</li> </ul>
<b>P05:</b> Manual Approaches:	<ul style="list-style-type: none"> <li>Physical therapy a non invasive approach an idea lies behind manual therapy by including articular, myomanual, neural, sensorimotor, gross skill development and along with respiratory exercise to be restoring their normal functioning.</li> </ul>
<b>P06:</b> Physiotherapy and Society:	<ul style="list-style-type: none"> <li>Applying the medical knowledge with contextual frame work to assess societal, health, safety legal and cultural issues and consequent responsibilities relevant to the professional physical therapist.</li> </ul>
<b>P07:</b> Individual And Team Work:	<ul style="list-style-type: none"> <li>Students will be able to work with the medical team in a creative and flexible manner and show responsibility, commitment and leadership in various treatment approaches.</li> </ul>
<b>P08:</b> Professional Ethics:	<ul style="list-style-type: none"> <li>Physical therapy encompasses broad ethical principle and commit to professional ethics providing sound platform to maintain dignity and accountability without medical negligence.</li> </ul>
<b>P09:</b> Communication Skills:	<ul style="list-style-type: none"> <li>Apply the communication and collaboration skills, values, ethics and attitudes that will enable them to effectively deal with patients, families and medical team.</li> </ul>
<b>P010:</b> Research Possesses:	<ul style="list-style-type: none"> <li>Studies by incorporative from practice based evidence to evidence based practice. Research strategies and techniques that develop their problem oriented learning, evidence based problem solving and decision making skills in the field of Physiotherapy.</li> </ul>
<b>P011:</b> Management & Finance:	<ul style="list-style-type: none"> <li>Through an understanding of organizational governance, the ability to be an active participant in professional organization where one can use KSA to manage projects and in multidisciplinary environment by using various resources and infrastructure from government NGO.</li> </ul>
<b>P012:</b> Life Long Learning:	<ul style="list-style-type: none"> <li>An appreciation of responsibility to maintain standards of physiotherapy practice gives life learning process enables every individual to address problem solving and judgment in efficient manner.=</li> </ul>

# BACHELOR OF PHYSIOTHERAPY (BPT)



## Program Specific Outcomes (PSOs)



## **BACHELOR OF PHYSIOTHERAPY PROGRAMME SPECIFIC OUTCOME (PSOs)**

The aim of the course is to provide a comprehensive, training to the students that prepares them for providing a quality physiotherapy care to the patients so that at the end of the course he/she will be able to perform the following:

<b>PSO1:</b>	<ul style="list-style-type: none"><li>• Students will be able to know about the physiotherapy concepts and skills related to basic medical knowledge, therapeutic modalities, electrotherapy and special techniques.</li></ul>
<b>PSO2:</b>	<ul style="list-style-type: none"><li>• The student able to learn Physiotherapy assessment, treatment, plan and its outcome for appropriate tailored program in effective care and rehabilitation.</li></ul>
<b>PSO3:</b>	<ul style="list-style-type: none"><li>• Student learns in analyzing evaluating information and bridging the gap from theoretical knowledge to clinical practice by critical reasoning and problem solving in physiotherapy practice.</li></ul>
<b>PSO4:</b>	<ul style="list-style-type: none"><li>• Understand the need of research in formulation of new approach with rational the evidence based practice to provide sound platform to meet high standard of care and rehabilitation.</li></ul>
<b>PSO5:</b>	<ul style="list-style-type: none"><li>• Students will be able to apply ethical principles and commit to professional ethics and responsibilities and norms of physiotherapy practice.</li></ul>