GANPAT UNIVERSITY										
FACULTY OF HEALTH AND ALLIED SCIENCES										
Program	**Bachelor of Physiotherapy (BPT)**						**Branch**			
Year	**4**						**Version**	1.0.0.0		
Effective from the Academic year		2025-26		**Effective for the batches admitted from**						2022-23
Course Code	BPT406	**Course Name**		**Clinical Education-IV*** (Not for University Exam)						
Teaching Scheme Per Year				**Examination Scheme**						
	Th	**Pr**	**Total**	**Marks**	**Internal**	**External**	**Total**	**Duration**	**Internal**	**External**
Hours	-	912	912	Theory	-	-	-	Theory	-	-
Credit	24			Practical	50	-	50	Practical	2 hr.	-
Prerequisite	Nil									

COURSE OBJECTIVES

1	To demonstrate and apply effective communication strategies with patients, caregivers, and interdisciplinary healthcare teams to enhance collaboration and patient-centered care in clinical settings.
2	To analyze and justify the clinical reasoning involved in physiotherapy assessments and accurately interpret patient findings to guide appropriate intervention planning.
3	To explain and evaluate physiotherapy management strategies across various specialties—musculoskeletal, neurological, pediatric, cardiopulmonary, and community rehabilitation—based on patient needs and clinical evidence.
4	To conduct and document comprehensive physiotherapy assessments, and present and defend case findings with clinical justification and treatment rationale using a case-based learning approach.

PRACTICAL SYLLABUS

Unit	Content	Hrs.
1	1.1 Observation and Assessment of patients with musculoskeletal, neurological, cardiopulmonary, pediatric, and community-based conditions. 1.2 Observing and understanding the basic physiotherapy treatment planning and execution. 1.3 Demonstration and supervised use of electrotherapeutic modalities (TENS, IFT, SWD, ultrasound, etc.) in clinical scenarios. 1.4 Performing physiotherapy assessments under supervision in real patients across specialties. 1.5 Assisting and progressively leading in treatment execution and follow-up evaluations. 1.6 Preparing and presenting case reports in class – including patient history, assessment findings, clinical reasoning, and treatment plan. 1.7 Participation in interdisciplinary ward rounds and team discussions to understand collaborative care. 1.8 Understanding ethical, legal, and professional responsibilities in clinical practice.	**912**
	Total	**912**

COURSE OUTCOME

CO1	Develop the ability to observe and assess patients across musculoskeletal, neurological, cardiopulmonary, pediatric, and community-based conditions.
CO2	Able to plan and implement physiotherapy interventions under supervision, utilizing appropriate electrotherapeutic modalities in clinical scenarios.
CO3	Gain Confidence in performing physiotherapy assessments and progressively lead treatment sessions and follow-up evaluations.
CO4	Able to compile and present detailed case reports incorporating patient history, clinical findings, reasoning, and evidence-based treatment planning.

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	1	1	-	-	1	-	1
CO2	2	-	-	-	-	1	-	1
CO3	2	1	1	-	-	1	1	-
CO4	1	1	2	-	-	2	-	-

"-" No correlation "1" Low "2" Moderate "3" High

GANPAT UNIVERSITY										
FACULTY OF HEALTH AND ALLIED SCIENCES										
Program	**Bachelor of Physiotherapy (BPT)**					**Branch**				
Year	**4**					**Version**	1.0.0.0			
Effective from the Academic year			2025-26	**Effective for the batches admitted from**						2022-23
Course Code	BPT407	**Course Name**	**Research Project & Field Work*** (Not for University Exam)							
Teaching Scheme Per Year				**Examination Scheme**						
	Th	**Pr**	**Total**	**Marks**	**Internal**	**External**	**Total**	**Duration**	**Internal**	**External**
Hours	-	19	19	Theory	-	-	-	Theory	-	-
Credit	0.5			Practical	50	-	50	Practical	2 hr.	-
Prerequisite	Nil									

COURSE OBJECTIVES	
1	To demonstrate and apply practical knowledge of research methodology and ethical research practices in physiotherapy to ensure scientific integrity and compliance.
2	To collect, analyze, and interpret research data through hands-on fieldwork, applying appropriate tools and techniques for evidence-based outcomes.
3	To formulate, execute, and present a physiotherapy-focused research project using relevant methodological frameworks and scientific reasoning.
4	To communicate and disseminate research findings and scientific concepts effectively through written reports, oral presentations, and visual formats suited for academic, clinical, and public health audiences.
5	To collaborate and contribute effectively as both an independent researcher and an active member of a multidisciplinary team, applying critical thinking and shared decision-making to solve complex healthcare and research problems.

PRACTICAL SYLLABUS		
Unit	**Content**	**Hrs.**
1	Introduction of Project work	**01**
2	Discussion on Project work, looking for opportunity, challenges, importance of group work and Need of improvement.	**04**
3	Identify areas of research interest	**02**
4	Understanding and preparing synopsis	**02**
5	Preparation for project proposal and Synopsis	**03**
6	1st and 2nd Progress Report/ submission of Synopsis	**03**
7	3rd and 4th Progress Report / work done report	**02**
8	Final submission of Project and Presentation	**02**
	Total	**19**

COURSE OUTCOME	
CO1	Identify and critically evaluate physiotherapy-related research problems, and develop appropriate Strategies to address them.
CO2	Design and conduct research studies, analyze data systematically, and draw evidence-based conclusions.
CO3	Demonstrate adherence to ethical standards and principles throughout the research process.
CO4	Communicate research findings and ideas effectively through written, verbal, and visual formats.
CO5	Work efficiently both independently and collaboratively within a multidisciplinary healthcare or research team.

COURSE ARTICULATION MATRIX								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	-	-	-	-	1	-	2	-

CO2	-	-	-	-	1	-	2	-
CO3	-	-	-	-	1	-	2	-
CO4	-	-	-	-	1	-	2	-
CO5	-	-	-	-	2	-	2	-
"-" No correlation "1" Low "2" Moderate "3" High								