



TALWANDI SABO

AKAL UNIVERSITY

TALWANDI SABO

(Estb. under Punjab State Act No. 25 of 2015)

FACULTY OF PARA MEDICAL SCIENCES

DEPARTMENT OF PHYSIOTHERAPY

Syllabi

For

BACHELOR OF PHYSIOTHERAPY

For the students admitted from 2022-2026

1. OBJECTIVES

An undergraduate course in Physiotherapy is to impart knowledge and skill to a student to become competent in the physical diagnosis, treatment techniques and develop the proper attitude required for the practice of Physiotherapy par with International standards.

The graduate of Physiotherapy programme shall have the following quality.

- a) Acquire adequate knowledge of the basic medical subjects in the practice of physiotherapy.
- b) Develops skills and techniques of therapeutic Exercise, Massage and electrotherapeutic modalities for the management of various medical and surgical conditions.
- c) Develops proper attitude for compassion and concern for the individuals and welfare of the physically handicapped in the community.
- d) Demonstrates skill in teaching, management, research, guidance and counseling.
- e) Practices moral and ethical values.

SEMESTER: I
SCHEME OF TEACHING

COURSE CODE	COURSE TITLE				HOURS				
	Core Course	Ability Enhancement Course (AECC)	Discipline Specific Elective Course (DSE)	Skill Enhancement Course (SEC)	Total hours	L	T	P	C
BPT101C	Human Anatomy – I	-	-	-	60	3	1	--	4
BPT102C	Human Physiology – I	-	-	-	60	3	1	--	4
BPT103C	Clinical Biochemistry	-	-	-	45	2	1	--	3
BPT104C	Sociology	-	-	-	45	2	1	--	3
BPT105A	-	English & Communication Skills	-	-	30	2	--	--	2
BPT106P	Human Anatomy Practical – I	-	-	-	60	--	--	4	2
BPT107P	Human Physiology Practical-I	-	-	-	30	--	--	2	1
BPT108A	-	Basic Computer Applications	-	-	30	2	--	--	2
BPT109A	-		-	Disaster Management	30	2	-	-	2
BPT110T	Clinical Training - I	-	-	-	90	--	--	6	2
	Library	-	-	-	45	3			
	Total					35			25

SEMESTER: II
SCHEME OF TEACHING

COURSE CODE	COURSE TITLE				HOURS				
	Core Course	Ability Enhancement Course (AECC)	Discipline Specific Elective Course (DSE)	Skill Enhancement Course (SEC)	Total hours	L	T	P	C
BPT201C	Human Anatomy – II	-	-	-	60	3	1	--	4
BPT202C	Human Physiology –II	-	-	-	60	3	1	--	4
BPT203C	Biomechanics I	-	-	-	60	3	1	--	4
BPT204C	Psychology	-	-	-	45	2	1	--	3
BPT205P	Human Anatomy Practical – II	-	-	-	60	--		4	2
BPT206P	Human Physiology Practical –II	-	-	-	60	--		4	2
BPT207A	-	-	-	First Aid & BLS	45	1		2	2
BPT208A	-	Environmental Science	-	-	15	1	--	--	1
BPT209A	-	Introduction To Healthcare delivery System In India	-	-	15	1	--	--	1
BPT210T	Clinical Training - II	-	-	-	90	--	--	6	2
	Library	-	-	-	15	1			
	Total					35			25

SEMESTER: III
SCHEME OF TEACHING

COURSE CODE	COURSE TITLE				HOURS				
	Core Course	Ability Enhancement Course (AECC)	Discipline Specific Elective Course (DSE)	Skill Enhancement Course (SEC)	Total hours	L	T	P	C
BPT301C	Biomechanics – II	-	-	-	60	3	1	--	4
BPT302C	Exercise therapy -I	-	-	-	60	3	1	--	4
BPT303C	Pathology	-	-	-	45	2	1	--	3
BPT304C	Microbiology	-	-	-	45	2	1	--	3
BPT305C	Pharmacology	-	-	-	30	1	1	--	2
BPT306P	Biomechanics - II Practical	-	-	-	60	--	--	4	2
BPT307P	Exercise therapy -I Practical	-	-	-	120	--	--	8	4
BPT308T	Clinical Training -III	-	-	-	90	--	--	6	2
-	Library	-	-	-	15	1			
Total						35			24

SEMESTER: IV
SCHEME OF TEACHING

COURSE CODE	COURSE TITLE				HOURS				
	Core Course	Ability Enhancement Course (AECC)	Discipline Specific Elective Course (DSE)	Skill Enhancement Course (SEC)	Total hours	L	T	P	C
BPT401C	Exercise therapy - II	-	-	-	60	3	1	--	4
BPT402C	Electrotherapy (LMHF)	-	-	-	60	3	1	--	4
BPT403C	Bio Physics	-	-	-	45	2	1	--	3
BPT404C	Ethics and Management in Physiotherapy	-	-	-	45	2	1	--	3
BPT405P	Exercise therapy Practical II	-	-	-	120	--	--	8	4
BPT406P	Electrotherapy LMHF Practical	-	-	-	120	--	--	8	4
BPT407T	Clinical Training - IV	-	-	-	45	--	--	3	1
-	Library		-	-	30	2			
Total						35		23	

SEMESTER: V

SCHEME OF TEACHING

COURSE CODE	COURSE TITLE				HOURS				
	Core Course	Ability Enhancement Course (AECC)	Discipline Specific Elective Course (DSE)	Skill Enhancement Course (SEC)	Total hours	L	T	P	C
BPT501C	Evaluation Measurements and Outcome measures				45	2	1	--	3
BPT502C	Orthopaedic conditions for Physiotherapist				60	3	1	-	4
BPT503C	General Surgery, Plastic Surgery & OBG				60	3	1	-	4
BPT504C	General Medicine, Paediatrics & Psychiatry				60	3	1	-	4
BPT505C	Community Medicine				45	2	1	-	3
BPT506A				Diagnostic Imaging for Physiotherapist	30	2	--	--	2
BPT507A		Human science for yoga practice			60	2	--	2	3
BPT508T	Clinical Training - V				90	-	-	6	2
	Library				75	5			
	Total					35			25

SEMESTER: VI
SCHEME OF TEACHING

COURSE CODE	COURSE TITLE				HOURS				
	Core Course	Ability Enhancement Course (AECC)	Discipline Specific Elective Course (DSE)	Skill Enhancement Course (SEC)	Total hours	L	T	P	C
BPT601C	PT in Orthopaedic Conditions	-	-	-	60	3	1	--	4
BPT602C	PT in General Medicine & General Surgery	-	-	-	60	3	1	--	4
BPT603C	Neurological Conditions for Physiotherapist	-	-	-	60	3	1	--	4
BPT604C	Research Methodology & Biostatistics	-	-	-	30	1	1	--	2
BPT605C	Pain mechanisms and Management of Pain for Physiotherapists	-	-	-	30	1	1	--	2
BPT606P	PT in Orthopaedic conditions – Practical	-	-	-	60	--	--	4	2
BPT607C	Work Physiology	-	-	-	45	2	1	--	3
BPT608A	-	Medical Terminology and Record Keeping	-	-	15	1	--	--	1
BPT609T	Clinical Training VI	-	-	-	90	--	--	6	2
	Library	-	-	-	75	5			
	Total					35			24

SEMESTER: VII

SCHEME OF TEACHING

COURSE CODE	COURSE TITLE				HOURS				
	Core Course	Ability Enhancement Course (AECC)	Discipline Specific Elective Course (DSE)	Skill Enhancement Course (SEC)	Total hours	L	T	P	C
BPT701C	PT in Neurological disorders	-	-	-	60	3	1	--	4
BPT702C	Community Based Physiotherapy– I	-	-	-	60	3	1	--	4
BPT703C	Health Promotion and Fitness	-	-	-	30	1	1	--	2
BPT704C	Cardiovascular & Pulmonary Conditions for Physiotherapist	-	-	-	60	3	1	--	4
BPT705T	PT in Neurological Disorders Practical	-	-	-	60	--	--	4	2
BPT706P	Research Project I	-	-	-	90	--	--	6	2
BPT7E1C	Tele Rehabilitation	-	-	-	45	2	1	--	3
BPT7E2C	Hospital and Healthcare Services Marketing	-	-	-	45	2	1	--	3
BPT707T	Clinical Training-VII	-	-	-	90	--	--	6	2
	Library	-	-	-	30	2			
	Total					35		23	

SEMESTER: VIII
SCHEME OF TEACHING

COURSE CODE	COURSE TITLE				HOURS				
	Core Course	Ability Enhancement Course (AECC)	Discipline Specific Elective Course (DSE)	Skill Enhancement Course (SEC)	Total hours	L	T	P	C
BPT801C	PT in Cardio Pulmonary Diseases	-	-	-	60	3	1	--	4
BPT802C	Community Based Physiotherapy - II	-	-	-	60	3	1	--	4
BPT803C	PT in Cardio Pulmonary Diseases& ICU Practical	-	-	-	60	--		4	2
BPT804C	Community Based Physiotherapy –II Practical	-	-	-	60	--	--	4	2
BPT8E1E	-	-	Paediatric Physiotherapy	-	45	2	1		3
BPT8E2E	-	-	PT in Hand Condition	-	45	2	1		3
BPT805C	Evidence Based Practice	-	-	-	45	2	1		3
BPT806P	Research Project - II	-	-	-	90	--	--	6	2
BPT807T	Clinical Training - VIII	-	-	-	90	--	--	6	2
	Library	-	-	-	15		1		
	Total						35		22

