

Name of the Program	Bachelor o	f Physioth	erapy	Year/ Semester:	I	year/I sem	
Course Name	Human Anatomy-I	Course Code:	BPT 101/ BPP 101	Туре:	Th	eory/Practical	
Credits		05		Total Sessions Hours:	75]	Hours	
Evaluation Spread	Internal Continuous Assessment:	3	30 Marks	End Term Exam:	70 1	Marks	
Type of Course	Compulsory	✓ Co	ore	Life	Skill		
Course Objectives	The student will be a and practice of physi		onstrate knowle	edge in human anatom	y as neede	d for the study	
	omes (CO): After the		course completi	ion, learners will deve	lop followi	ng	
Course Outcome (CO)			Att	tributes			
CO1				s tissues and organs in in practice of physiot		dy and correlate	
CO2	To understand the ge physiotherapy.	eneral anato	omy of differen	t human body system	& its appli	cation in practice o	
CO3	To know about basic abdominopelvic cavi		l knowledge of	boundaries and conte	nt of thora	cic and	
CO4	To understand the muscles, bones and joints of the various regions & its application in practice of physiotherapy.						
CO5	To understand the to practice of physiothe		l and functiona	l anatomy of the uppe	r limbs & i	ts application in	
Pedagogy	Interactive, discussion	on-bases, st	udent-centered	presentation.			
Internal Evaluation Mode	Mid-term Examinati Class test: 12 Marks Class participation of Assignments/Project Attendance: 04 Mark Class Presentation: 0 Bed Side behavior of	s r any other :: 04 Marks ks 04 Marks	: 04 Marks	Marks			
Session Details	Topic Hours Mapped CO						
Unit 1	Anatomical non parts and moven Basic tissues of function. Structure and ap Superficial &	Anatomical nomenclature: Terms of Planes, Positions, Body parts and movements. Basic tissues of the body: Definition, location and their					

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01	1	2		1000						:
	POI	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Unit 5	5. 1 p 6. B 7. A PRAC 1. U 2. 3 3. H	Nerves a consistion of coundaria prachial properties a consistency of the country	and blo course, r es and o plexus anatomy a: ctremity ncluding	od vesselations contents of all s including surface	sels of S &distrib of axilla tructures ng surface	ution. a and cub of Superio e anatomy y, abdomin	Extremity a ital fossa, or Extremity	details of y.	20	CO5
	1. C si 2. N au 1a 3. F au 4. Jo	outline to ide deter fuscles ction and tissimus ascia and and hand oints of	minatio of Scap nd nerve s dorsi nd Musc origin, superio	n of the oular re suppl les of i insertion or extre	bones of egion and y. Detail front and on, nerve	upper lim back the of Delt back of u supply and	eir origin, oid, Trape upper arm,	insertion zius and fore arm		
Unit 4	2. Boos 3. M fe 4. Coof 5. Au	one: pro sification yology: atures. F artilage: cartilage throlog	operties on Appl Classi Propertie types, te. y: Joint	funct fication as and st character struct	omy of b of mus tructure o eristic and ure, funct	es, structo one. scles and f skeletal d function tion and o	its chara muscle. Applied classificatio	cteristics anatomy n. Basic	10	CO4
Unit 3	fu 2. La 3. Lo su bl sy 4. L	nction of arge blood ocation, apply of adder, in stem. ocation, apply of	of peritor od vesse size, sl the follo ntestines size, s the endo	neum ils of the nape, sl owing- s, gall b hape, s ocrine g	e gut. hape, fea stomach, ladder, m hape, fea lands.	tures, blo liver, sple ale and fe tures, blo	od supply, en, kidney, emale repro od supply,	nereve urinary ductive	10	CO3
Unit 2	t I	ract in Diaphrag	cluding gm, inter	lungs costals	atomy of s, pleura muscles	a, nose and access	l lower res larynx, ory muscle	trachea, es.	10	CO2

Reference Books1 B.D. Chaurasia's, Human Anatomy-Volume 1, 2, 3 CBS Publishers & Distributors. 2 Inderbir Singh, Textbook of Anatomy with Colour Atlas-Vol. 1, 2, 3 Jaypee Brothers. 3 Snell-Clinical Anatomy by regions—Lippincott 4 Basic Anatomy & Physiology by Smout and McDowell

30

e-Learning Source:

Total Marks

1. https://youtu.be/X5RUFXZZBH4 2. https://youtu.be/06o XNKwuOE 3. https://youtu.be/4Sab-2E4ZDI

Recapitulation & Examination Pattern

Internal Continuous Asses						
Component	Marks	Pattern				
Class Test	12	Contains 01 long question. question carries 04 Marks. 02 Short questions. Each question carries 02 Marks 04 multiple choice questions. Each question carries 01 Marks				
Class participation or any other	04	This to be made on activities and instruction given by subject teacher.				
Marks Assignments/Project:	04	Assignment to be made on topics and instruction given by subject teacher				
Class Presentation:	04	This to be made on topics and instruction given by subject teacher				
Bed Side behavior or Interaction in Class	02	This to be made on activities and instruction given by subject teacher.				
Attendance	04	As per policy				



Name of the Program	Bachelo	r of Physiothe	erapy	Year/Semester	1st year/1st Sem.		
Course Name	Human Physiology I	Course Code:	BPT 102/ BPP 102	Туре	Theory/ Practical		
Credits		5		Total Sessions Hours 75 Ho			
Evaluation Spread	Internal Contin Assessment		30 Marks	End Term Exam	70 Marks		
Type of Course	Compulsory	1	✓ Core	Creative	Life Skill		
Course Objectives	of fundamen	ntal reactions of	of living organism	he students with an in depth ms, particularly in the human f elementary human physiol	n body.		
Course Outcomes: (CO)	After the successful	l course compl	etion ,learners v	vill develop following attribi	ıtes:		
CO1	To understand about general physiology including physiology of cell, tissues & membrane in details &identify various tissues of different system of human body						
CO2	Explain and describe the composition and function of various body fluids like blood and lymph, their significance and related disorders						
CO3				physiological concept of ne details andits application			
CO4	Understand the fun			ascular system, along with the pressure and its application			
CO5	321725		F. Charles	m which includes the me s application in practice of p			
Pedagogy	Interactive, discuss	sion-based, stu	dent-centered, p	resentation.			
Internal Evaluation Mode	Mid-term Examination: 30 Marks Class test: 12 Marks Class participation or any other: 04 Marks Assignments/Project: 04 Marks Attendance: 04 Marks Class Presentation: 04						

Session Details	Topic	Hours	Mapped CO
Unit 1	1.General Physiology Cell: Morphology, Organelles: their structure and function, Transport mechanism across cell membrane Body fluids: Distribution and composition	10	CO1
Unit 2	2. Blood Introduction: Composition and function of blood, Plasma, RBC,WBC, Platelets Hemoglobin – basic chemistry, fate and functions, Immunity definition, classification, concept of antigen & antibody. Hemostatic mechanism: blood coagulation, anticoagulants Blood groups: Landsteiner's law, Erythroblastosisfoetalis Blood Transfusion: Cross matching, Indication and Complications Lymph: compostion, formation, circulation and function Applied physiology: Thalassemia syndrome, Hemophilia, VWF, Anemia, Leukocytosis, Bone marrow transplant, Oxygen debt	14	CO2
Unit 3	3. Nerve muscle physiology: Introduction: Resting membrane potential & action potential Nerve: structure and function of neuron, classification, nerve injury- degeneration and regeneration Neuralgia: Types and function Physiology of brain: areas and connections, ANS, thermoregulation, peripheral nervous system Muscle: classification, skeletal muscle: structure, neuromuscular junction, neuromuscular transmission Applied physiology: Myasthenia gravis, Rigor mortis, Reaction of degeneration, Muscle disorders	12	CO3
Unit 4	4. Cardiovascular system Introduction: Physiological anatomy and nerve supply of heart and blood vessels General organization and properties of cardiac muscle, Origin and conduction of cardiac impulse, cardiac cycle and heart sounds. Normal heart rate, bradycardia, tachycardia, Normal ECG, Cardiac output- normal values, physiological variations, Factors affecting cardiac out- put and regulation. Arterial Blood pressure – normal values, measurement, determinants, short term and long term regulation Shock – Definition, Classification, causes and features Regional circulation- Coronary, muscular, cerebral, Functions of Lymph, Pressure and volume changes during cardiac cycle.	12	CO4

	Patho-physiology of circulatory shock and edema, Effects of exercise training, Hyper/Hypotension, Hemodynamic.		
Unit 5	5. Respiratory system Introduction: Physiological anatomy- pleura, trachea bronchial tree, alveolus, respiratory membrane and their nerve supply, function of respiratory system. General organization of respiratory system. Mechanics of respiration – Inspiratory and expiratory. Muscles, intra-pleural pressure, lung & thoracic, Compliance, surfactant, lung volumes & capacities. Diffusion of gases, Transport of respiratory gases, Regulation of	12	COS
	respiration, Outline of hypoxia (types & physiological changes). Acclimatization to high altitude, Dead space, Ventilation/ perfusion ratio. Maximum breathing capacity & breathing reserve, pulmonary function tests, Artificial respiration. Asphyxia, cyanosis (types and physiological changes), dysbarism, dyspnoea, orthopnoea, hyperpnoea, apnoea, hyperventilation PRACTICAL		
	 Clinical examination: examination of radial pulse, blood pressure, CVS, respiratory system, sendory system, motor system, reflexes, cranial nerves. Amphibian experiments: demonstration and dry charts explanation, normal cardiogram of amphibian heart, properties of cardiac muscle, effect of temperature or cardiogram, simple muscle curve, effect of increasing the strength of the stimuli. Effect of temperature on muscle contraction, effect of two successive stimuli, effect of fatigue, effect of load on muscle contraction, genesis of tetanus and clonus, velocity of impulse transmission Haematology: to be done by the students Study of miscroscope and its uses, determinants of RBC count, differential leukocyte count, estimation of hemoglobin, calculation of blood indices, determinants of blood groups, determinants of bleeding time, determinants of clotting time, demonstration only: determinants of ESR, determinants of PCV 	15	

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
COl	3			-	1	-	-	*		
CO2	3	1		-	1	23	2	29	7327	

CO3	3	2			1		2			100
CO4	3	2	1	1	1		2		- 6	
CO5	3	2	1	1	1		2	_		
Strongcontribution-3,		Average	contribution-2,	Lowe	contribution-1				11/10	11.811
Suggested F	Readings:									
Referencel	Books		A Textbook Practical ph Human Ph Textbook of Publication Principles of Publication	of Pra ysiolog ysiolog f Medio of Anat	y, Sembuling octical Physio gy by Vijaya y, Chatterjee cal Physiolog tomy & Phys ology: Gano	logy, Ghai (Joshi; Vora . Vol: 1&2; yy by Guyto: iology, Tort	C L, Jayj Medical 10th Ed n & Hall	pee Brothe Publication ition; Med , 11th Edit	on. ical & Allie ion; Elsevie	ı
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Recapitulation & Examination Pattern

Internal Continuous Assessment:						
Component	Marks	Pattern				
Class test	12	Contains 01 long question. Question carries 04 Marks. 02 Short questions. Each question carries 02 Marks 04 multiple choice questions. Each question carries 01 Marks				
Class participation or any other	04	This to be made on activities and instruction given by subject teacher.				
Marks Assignments/Project:	04	Assignment to be made on topics and instruction given by subject teacher				
Class Presentation:	04	This to be made on topics and instruction given by subject teacher				
Bed Side behavior or Interaction in Class	02	This to be made on activities and instruction given by subject teacher.				
Attendance	04	As per policy				
Total Marks	30					



Name of the Program	1	ВРТ		Year/ Semester:	I yea	ır/ 1 sem	
Course Name	Biochemistry	Course Code:	BPT 103	Type:	Theory		
Credits		04		Total Sessions Hours:	60 Hours		
Evaluation Spread	Internal Continuous Assessment:	3	0 Marks	70 Marks			
Type of Course	Compulsory		• Core	Creative		Life Skills	
Course Objectives				erstand the biochemical el and extra cellular level.	change o	f the variou	
Course	Outcomes (CO): Afte	r the succe	ssful course attributes:	completion, learners will	develop fo	llowing	
COl	The graduate shou	ld be able	to understar	nd the importance of nu	trition.		
CO2		d and amir	no acid), to	he different types of bid understand the chemistr			
CO3		ld be able	to understar	nd the importance of En	zymes, n	uclei acid	
CO4	concerned with car	bohydrate	, lipid and p	nd the importance of dif- protein metabolism alon clinical conditions after	g with	161 653 555	
CO5	l	7: 7 /10		n, minerals, Cell biolog nistry and acid base bal		19	
Pedagogy	Interactive, discuss	ion-bases	, student-ce	ntered, presentation.			
Internal Evaluation Mode	Mid-term Examinati Class test: 12 Marks Class participation of Marks Assignments Attendance: 04 Mark Class Presentation: 0 Bed Side behavior of	s r any other Project: 04 cs 04 Marks	: 04 Marks	2 Marks			
Session Details			Торіс	The second secon	Hours	Mapped CO	
UNIT 1	ART.	nd func les and the		Cellstructure, Cell types of absorption, briefly oncytoskeleton. rement and balanced diet.		CO1	

UNI	IT 2	Carbo Lipids fatty	hydrate N s: Defini acids a	Metabolism tion, class and their	n- Glycosificatio	olysis, T. ns and g tance,	C.A cycle. general func	ions. Essent Lipoproteir Ketosis.	ial 18	CO2
		Vitam daily n	ins: Def equireme o Acid	inition, c ent and de	lassifica ficiency inition,	tion and disorder	functions, s.	dietary sour	ce, nd	CO5
UN	IT 3	Protei Metab	ins: Def	inition, c	lassifica			al Importan cycle and		CO4
			ne action,					actors affecti importance		CO3
UN	IT 4	conne disord Muscl	ctive tissi ers. Stud le Contra	ue protein y of hemo action: Co	s collag globin a ontractil	en, elast and myog e elemen	in- structure globin with t	ction, varional and associate function to the contraction of the contraction.	ted s. 6	CO5
UN	IT 5	Clinic constit Uric	al Bioc tuents, R acid, Cre	hemistry: elevanceo	: Norn f blood Calcium	nal leve and urin Phospha	els of bloome levels of ates, pH an	od and ur Glucose, Ur d Bicarbona	ea,	CO5
COR	0 1 T	CO M								
CO-P	O and I	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
COI	1	-	1	-	-	1	-	-	-	-
CO2	1	120	2	3	1	1	124	<u> </u>	. 27	1
CO3	1		1	-		1			-	
CO4 CO5	1	-	1	2 2	2	1		12	- 3	2
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	sted Re	adings:								
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		2.					ysiotherapy !	Students, Ha	rbans lal, CB	S
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Class participation or any other Marks Assignments/Project:	04	This to be made on activities and instruction given by subject teacher. Assignment to be made on topics and instruction given by subject
Class Presentation:	04	teacher This to be made on topics and instruction given by subject teacher
Bed Side behavior or Interaction in Class	02	This to be made on activities and instruction given by subject teacher.
Attendance	04	As per policy
Total Marks	30	



Name of the Program		врт		Year/Semester:	I year/ I sem					
Course Name	Biophysics & Introduction to Physiotherapy	Course BPT 104/ Code: BPP 104		Type:	Theory & Practical					
Credits		4		Total Sessions Hours:	60 Hours					
Evaluation Spread	Internal Continuous Assessment	70 Marks								
Type of Course	C Compulsory	© Core		C Creative	C Life Skill					
Objectives CourseOutcom	To analyze to electromagn To explore to the electromagn To explore to the electromagn To explore to the electromagn To provide to the electromagn	human body 2. To analyze the impact of different energy forms such as biomagnetism, electromagnetic, acoustic, and magnetic on biophysiological processes 3. To explore the theory and applications of photoactivation in biology and medicine 4. To comprehend the optical properties of the skin and the effects of light on the human body 5. To provide a comprehensive overview of the healthcare system and the history and various specializations in physiotherapy (CO): Afterthesuccessful course completion, learners will develop following								
Course Outcome (CO)			At	tributes						
COI	Foster a compr	mechanisi		g of nerve signaling, rec ning students' knowle						
CO2	Enable underst biological advar		l application	of biomagnetic principle	es for medical and					
CO3				biological systems and ur py to photoprotection	nderstand its clinical					
CO4	Gain insight int		ture and fund	ction of national health sys	toma as mall as the					
	historical evolut	tion of phys	siotherapy as		iems, as wen as me					
CO5		nsive knov	vledge of sp	a profession pecialized areas in physio	**************************************					

Internal Evaluation Mode Session Details	Mid-term Examination: 30 Marks Class test: 12 Marks Class participation or any other: 04 Marks Assignments/Project: 04 Marks Attendance: 04 Marks Class Presentation: 04 Marks Bed Side behavior or Interaction in Class: 02 Marks Topic 1. Overview of the electrophysiology of different signals in	Hours	Mapped CO
Unitl	human body; Potential of nerve; resting membrane potential; nerst equation 2. Ionic basis; gating; kinetics; physio pharmacology of different channels; biphasic and compound action potential; receptor Potential; general transduction mechanism; stimulus receptor relationship; Adaptation of receptors	9	CO1
Unit2	Biomagnetism- effects and applications; electrical impedance; biological Impedance; theory of thermography; application in biology and medicine; use of electromagnetic, acoustic and magnetic energies to produce Biophysiological effects at cellular, tissue and organ level	9	CO2
Unit 3	Photoactivation of biological system; photodynamic theory; mechanism of Photodynamic action on cells; photobiostimulation through laser; photo Medicine Optical properties of the skin; acute and chronic effect of sunlight on skin; Photosensitivity; phototoxicity; photoallergy and its clinical applications; Beneficial effects of sun and artificial light energy; photoprotection; Photoimmunology	9	CO3
Unit 4	Patterns of Health Care Delivery: Official organs of health system at national level & Delivery; their function, Healthcare providers, role & Delivery; importance History of Physiotherapy	9	CO4
Unit 5	1. General Information's about a. Physiotherapy OPD b. Neurological Physiotherapy c. Orthopedic Physiotherapy d. Developmental Pediatric Physiotherapy e. Cardio-Pulmonary Physiotherapy (ICU, NICU and Post-Op ICU, Wards) f. Health Fitness Physiotherapy- Obesity, Diabetic clinic, Life style modification clinic g. Geriatric Physiotherapy h. Industrial Physiotherapy and Ergonomics i. Community Physiotherapy j. Women's Health Physiotherapy, Incontinence clinic	9	CO5
PRACTICALS	demonstration of resting membrane potential demonstration of action potential demonstration of biomagnetism demonstration of photoactivation demonstration of optical properties of skin	15	hrs.

CO-PO	OMappi	ng								
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
COI	3	3			2		2			
CO2	3	3		1	2		2	3 3		
CO3	3	3		2	2		2			
CO4	2	2		2	2	2	2	2	3	
CO5	2	2	3	3	2		3	2	3	1
Strongco	ntribution-	3,	Averagecontr	ibution-2,	Loncon	pibution-1,		1		

Suggested Rea	dings:
Text-Books	Biophysics : an introduction by Rodney Cotterill Biophyses : searching for principles by William Bialek Introduction to Physiotherapy Practice by Charles D. Ciccone
Reference Books	Bilogical Physics: Energy, information, life by Philip Nelson Introduction to Physiotherapy: A contemporary Approach by Lesley A. Olswang and Scott D. Devenney.
Para Text	https://www.youtube.com/watch?v=MplWXZTOk6o https://youtu.be/iBDXOt_uHTQ https://youtu.be/iBDXOt_uHTQ

Recapitulation &Examination Pattern

Internal Continuous Assessment:

Component	Marks	Pattern
Class test	12	Contains 01 long queation. question carries 04 marks 02 short questions. each question carries 02 marks 04 multiple choice questions. each question carries 01 marks
Class participation or any other	04	This to be made on activities and instruction given by subject teacher
Marks assignments/project	04	Assignment to be made on topics and instruction given by subject teacher
Class presentation	04	This to be made on topics and instruction given by subject teacher
Bed side behavior or interaction in class	02	This is to be made on activities and instruction given by subject teacher
attendance	04	As per policy
Total marks	30	



Name of the Program	Bachelor o	of Physiothe	гару	Year/Semester:	I vear/I sem
Course Name	Health Psychology	Course Code:	BPT-105	Type:	Theory
Credits		04		Total Sessions Hours:	60 Hours
Evaluation Spread	Internal Continuous Assessment:	30 Marks		End Term Exam:	70 Marks
Type of Course	Compulsory	✓ Core Creative		Life Skill	
Objectives	in disability, pa bereavement ar 2. They should al- therapeutic env	nin , disfigure nd medical si so understan ironment.	ement, uncon urgical patien d the element	I help with the psychologic scious patients, chronic ill- ts/conditions. ary principles of behavious roficiency based on writter	ness, death,
CourseOutco attributes:	mes(CO):Afterthesi	ıccessfulcou	rsecompletio	n,learnerswilldevelopfollov	ving
CO1		nconscious		logical factors involved nic illness, death, bereav	
CO2	Understand the environment.	elementary	principles o	of behavior for applying	in the therapeuti
CO3	Perform psycho-so	cial assessm	ent of patient	s in various development s	tages
CO4	Understand ego o	lefence med	chanism and	learns counselling techn	iques to help those
CO5	Know about impo	ortance of p	sychology ii	n health delivery system.	Į
Pedagogy	Interactive, discuss	sion-bases, s	tudent-center	ed, presentation.	
Internal Evaluation Mode	Mid-term Examina Class test: 12 Mar Class participation Assignments/Proje Attendance: 04 Ma Class Presentation Bed Side behavior	ks or any other ct: 04 Marks arks : 04 Marks	: 04 Marks	2 Marks	

Sessio Detail:					To	pic			Hours	Mapped			
Uı	nit1	Psycholog	gy and p and Dev n, atten	hysiothe velopme tion and	erapy. nt :- Life percept	espans, H	leredity as	Branches & nd environment. Attention,	10	CO1			
Uı	nit2	Motivation Abraham Frustration frustration Emotions Emotions	Maslov on and on and co :- Three	onflict : onflict : onflict.	y of need - Frustra analysis	d hierarch ation , Co s of emot	ny nflict , M	anagement of	10	CO2			
Uı	nit3	Assessme Thinking Learning Effective Personal	Intelligence: Theories of intelligence, Distribution of intelligence, Assessment of intelligence. Thinking: Reasoning, Problem solving & Creative thinking. Learning: Factors affecting learning, Theories of Learning, Effective ways of learning. Personality: Approaches to personality, Personality assessment, Defence mechanism,										
Uı	nit4	Social ps Clinical I assessment Physiother therapy, I Counsell Principles	Social psychology: Leadership and Attitude Clinical Psychology: Models of training, Abnormal behaviour assessment, Clinical judgement, Self management methods, Physiotherapy patients interaction, Stress management, Group therapy, Body awareness, Pediatric, Child and Geriatric psychology Counselling: Principles and types of counselling, PLISSIT model, Principles and techniques of counselling special children and family										
Unit 5 Wogic psychology: - Mann, Buddhi, Chit, Ahankar, Vrittis, True knowledge and Accurate knowledge, Imagination, Sleep, Memory, Kleshas, Lack of awareness, Vikshepas, Disease, Apathy and Mental dullness, Dilemma and indecision, Carelessness, Haste, Indiffrence, laziness, Absence, Fear of missing out (FOMO), Digital Distraction, Guilt and Shame, Solution.							10	CO5					
	OandF	SOMappin	ıg										
co	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10			
CO1	3	1	3	2		1	1		-	3			
CO2 CO3	3	3	2	2	1		2	-	-	1			
CO4	3	1	2	1 3	1	2	2	3	3	1 3			
CO5	2	3	3	2		-	2	1	-	1			
	ntributio		Averageco	ntribution-2	,	Lowconvibu	tion-1,			11.01.02			
Sugge	stedRe	adings:											
Text-I	Books	1. T	extbool	of Psyc	hology l	by Rajiv I	Khanna						
Text-Books 1. Textbook of Psychology by Rajiv Khanna Reference Books 1. Morgan et al (2003) . Introduction to Psychology , New Delh							hi : Tata M	IcGraw hill					

ParaText

- https://www.youtube.com/watch?v=vo4pMVb0R6M&list=PLGMVCsud2sqX1F5B kUp7yiIFcGtFjb1hZ
- https://www.youtube.com/watch?v=9hdSLiHaJz8
- https://www.youtube.com/watch?v=9xTz3QjcloI
- https://www.youtube.com/watch?v=RSlc9IxdBw8

Recapitulation & Examination Pattern

Internal Continuous Assess	sment:	
Component	Marks	Pattern
Class test	12	Contains 01 long question. question carries 04Marks. 02 Short questions. Each question carries 02Marks 04 multiple choice questions. Each question carries 01Marks
Class participation or any other	04	This to be made on activities and instruction given by subject teacher.
Marks Assignments/Project:	04	Assignment to be made on topics and instruction given by subject teacher
Class Presentation:	04	This to be made on topics and instruction given by subject teacher
Bed Side behavior or Interaction in Class	02	This to be made on activities and instruction given by subject teacher.
Attendance	04	As per policy
Total Marks	30	



Name of the Program	Bachelor of	Physiothe	rapy	Year/ Semester:	I	year/ I sem			
Course Name	Sociology	Course Code:	BPT 106	Туре:		Theory			
Credits	0	3		Total Sessions Hours:		45 Hours			
Evaluation Spread	Internal Continuous Assessment:		30	End Term Exam:		70			
Type of Course	Compulsory	✓ (Core	Life	Skill				
Course Objectives	The student will be able to understand the importance and role of social structures and their mutual relationship with human behavior								
Course Outco attributes:	omes (CO): After the	successful	course comp	oletion, learners will deve	lop followi	ng			
Course Outcome (CO)	Attributes								
coí	Students will be informed about the gradual progression of Sociology as a discipline and its dynamic nature								
CO2	Students will have better understanding of the fundamental concepts of Society that will improve their understanding of human behavior and social systems								
CO3	Students will be well aware about the social change and the processes of social change								
CO4	Principal and Constitution of the Constitution			e society through tools of					
Pedagogy				ises, student-centered, pre					
Internal Evaluation Mode	Mid-term Examinati Class test: 12 Marks Class participation of Assignments/Project Attendance: 04 Mark Class Presentation: 0 Bed Side behavior of	s r any othe :: 04 Mark cs 04 Marks	r : 04 Marks s						
Session Details	Topi				Hours	Mapped CO			
Unit 1	Introduction: Meaning- Deleter of Second Survey, methods. Importance of Care Profession Social Factors in Heaning of Second Se	10	CO1, CO4						

	Role of social factors in health and illness Socialization Meaning and nature of Socialization Primary, Secondary and Anticipatory socialization Agencies of socialization		
	Social Groups		
Unit 2	Social Groups Concepts of social groups, influence of formal and informal groups on health and sickness The role of primary groups and secondary groups in the hospital and rehabilitation setup. Family: The family, meaning and definitions Functions of types of family Changing family patterns Influence of family on the individual's health, family and nutrition, the effects of sickness in the family and psychosomatic disease and their importance to physiotherapy. Community Rural community: Meaning and features —Health hazards of rurality, health hazards to tribal community Urban community: Meaning and features—Health hazards of urbanities. Culture and Health: Concept of Culture Culture and Health Culture and Health	10	CO2
Unit 3	Social Change: Meaning of social changes Factors of social changes Human adaptation and social change Social change and stress. Social change and deviance Social change and health programme The role of social planning in the improvement of health and rehabilitation.	10	CO3
Unit 4	Social Problems of Disabled Consequences of the following social problems in relation to sickness and disability, remedies to prevent these problems • Population explosion • Poverty and unemployment • Beggary • Juvenile delinquency • Prostitution	15	CO4

- Alchoholism
- · Problems of women in employment
- · Geriatric problems
- Problems of underprivileged

Social Security

Social security and social legislation in relation to the disabled.

Social worker

- Meaning of Social Work
- The role of a Medical Social Worker

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1		-	2		2	2	1	1	1	-
CO2	5	-	-	2	2	2	3	3	1	-
CO3		2	2		1	1	2	2		()
CO4	N- o Ren	-		Sec.	1	1	2	2	8	-

Suggested Readings:

Reference Books-

- Rao C.N Shankar, 2004, Sociology of Indian Society, S. Chand Publication
- Rao C.N. Shankar, 2007, Principles of Sociology with An Introduction To Social Thought, S. Chand Publication
- Neeraja K.P,2005, Textbook of Sociology for Physiotherapy Students, Jaypee Brothers Publication

e-Learning Source:

Total Marks

- Social Institutions: A Reformulation of the Concept, Thomas W. Martin, Pacific Sociological Review, vol. 11, 2: pp. 100-109, First Published Jun 1, 1968 https://indianexpress.com/article/opinion/columns/anxiety-driven-pursuit-of-cultural-purity-
- Family, e-gyankosh http://egyankosh.ac.in/handle/123456789/18788
- The role of family environment and parent child relationship in happiness disposition http://hdl.handle.net/10603/116052
- Introduction to Sociometry, Dr. V. K. Maheshwari http://www.vkmaheshwari.com/WP/?p=50

30

Recapitulation & Examination Pattern Internal Continuous Assessment: Component Marks Pattern Class Test 12 Contains 01 long question. question carries 04Marks. 02 Short questions. Each question carries 02Marks 04 multiple choice questions. Each question carries 01Marks Class participation or any 04 This to be made on activities and instruction given by subject teacher. 04 Assignment to be made on topics and instruction given by subject teacher Marks Assignments/Project: Class Presentation: 05 This to be made on topics and instruction given by subject teacher 05 Attendance As per policy



Name of the Program	Bachelor of P	hysiotherap	y	Year/Semester:	1	year/I sem			
Course Name	English Communication	Course Code	ENG101	Туре:-		Theory			
Credits	0	3		Total Hours		45 hours			
Evaluation Spread	Internal Assessment		30	End Term Exam		70			
Type of Course	C Compulsory	C Compulsory © Core C Creative							
Course Outcom	This course aims to: 1. Develop students in oral presentation, writing, logical organization and structured communication 2. Help the students to use communication techniques, verbally and non-verbally through which he is able to communicate better which is essential for professional growth. 3. To know the appropriate use of grammar and basic structure of sentences. 4. Elevate confidence among students for listening, speaking, reading and writing better. mes (CO): After the successful course completion learner will develop following attributes.								
Course Outcon	nes (CO); Anter the successiui co	arse completion	i learner win devel	op ronowing attributes.					
Course Outcome (CO)	Attributes								
CO1	Learn appreciation of lo	gical reason	ing and organize	ed and effective oral pre	sentation.				
CO2	2. Understand the importa	nce of comm	unication techn	iques.					
CO3	3. Have better understand	ing of the bas	sic tools of gran	nmar and sentence struct	ture.				
CO4	4. Be able to communica	te better thro	ugh improved li	stening, speaking, readi	ng and writin	ng skills.			
Pedagogy	Interactive, discussion-ba	ased, student	-centric, activity	based					
Internal Evaluation Mode	Mid-term Examination: 30 Class test: 12 Marks Class participation or any Assignments/Project: 04 M Attendance: 04 Marks Class Presentation: 04 Ma Bed Side behavior or Inter	other : 04 M Marks rks							
Session Details	Topic				Hours	Mapped CO			
Unit 1	Introduction to Profession Communication Process Channels of Communication				15 Hours	CO1			

	Verbal Barriers of Communication and how to overcome them Nuances of Communication in a hospital environmentRole and importance of Professional Communication Basics of English Language Usage and Grammar:Parts of Speech Tenses Euphemisms Portmanteau words Synonyms and antonymsHomophones		
Unit 2	Effective Speaking Importance of Speaking effectively Framing short speeches, nuances of good deliveryPractice through Extempore Speech Presentation Skills Delivering short presentations Group Discussion Skills and practice	10 Hours	CO2
Unit 3	Effective Reading and Writing Active Reading Strategies- Previewing and skimming, annotating and highlighting, summarizing and paraphrasing Critical Reading Skills- Identifying main idea, recognizing purpose and tone, evaluating argument and evidence Writing and Structured Crafting Process- Prewriting techniques: brainstorming, freewriting, proofreading and editing Adaptive writing for different audiences Future application of adaptive reading and writing skills	10 Hours	CO3
Unit 4	Effective Listening Introduction to Listening Types of Listening Listening Listening in difficult situations Overcoming barriers to Listening Critical Listening and Social Support Techniques to practice better Listening	10 Hours	CO4

O-PO and PSO Mapping										
co	PO1	PO2	PO3	PO4	PO5	PO6	PO7	POS	PO9	PO10
CO1	- 33		2	3	2	3	2	3	3	2
CO2	10	3.5	3	2	3	3	2	2	3	3
CO3	i.e		2	2	2	3	2	2	3	2
CO4	· · · · · · · · · · · · · · · · · · ·	-	2	2	2	2	2	2	2	2

Suggested Readings:

Text- Books N	ote-All rea	ding mat	erial will be provided by the faculty member well in time.			
ReferenceBooks	2. Profe 2016	essional Communication. 2 nd edition by Meenakshi Raman and Sangeeta rma. Oxford University Press 2014. essional Communication. 3 nd edition by Raavee Tripathi. SK Kataria and Sons. 5. nunication Skills by Sanjay Kumar and Pushp Lata. Oxford University Press. 2017.				
Recapitulation & Exam						
Internal Continuous As	sessment:					
Component		Marks	Pattern			
Class Test		12	Contains 01 long question. question carries 04 Marks. 02 Short questions. Each question carries 02 Marks 04 multiple choice questions. Each question carries 01 Marks			
Class participation or any other		04	This to be made on activities and instruction given by subject teacher.			
Marks Assignments/Project:		04	Assignment to be made on topics and instruction given by subject teacher			
Class Presentation:		04	This to be made on topics and instruction given by subject teacher			
Bed Side behavior or Interaction in Class		02	This to be made on activities and instruction given by subject teacher.			
Attendance		04	As per policy			
Total Marks		30				