	SEMESTER I (COMMON)											
	CORE COURSES											
			Practical	Teachin	Examination Scheme							
	Course Code & Course	Credits (Total	Credits (Total	Per Week		Theory Marks			Practical Ma		ırks	
		Hours)	Hours)	Theory/ Tutorial	Practical	U/E	I/A	Total	U/E	I/A	Total	
AH 101	ANATOMY	2 (30)	2.5(75)	3	4	40	20	60	60	40	100	
AH 102	PHYSIOLOGY	2 (30)	2.5(75)	3	4	40	20	60	60	40	100	
AH 103	BIOCHEMISTRY	2 (30)	2.5(75)	3	4	40	20	60	60	40	100	
AH 104	ENGLISH	3 (45)	-	3	-	60	40	100	-	-	-	
		ABI	LITY ENHAN	ICEMENT EL	ECTIVE COU	JRSE						
AEEC 105	PRINCIPLES OF NURSING	2 (30)	2.5(75)	3	4	40	20	60	60	40	100	
			CORE I	ELECTIVE CO	OURSES							
CEC 106	COMMUNICATION SKILLS*	2 (30)	-	2	-	60	40	100	-	-	-	
CEC 107	COMPUTER RELATED TO MEDICAL CARE **	1(15)	1 (30)	1	2	40	20	60	60	40	100	
1 theory credit = 15 classroom &/or experiential learning hours  1 practical credit = 30 practical training hours  Note: Students have chosen all subjects for studying in Semester I  Total Credit Points							25					

			SEMES	TER II COMMO	ON)							
			CO	RE COURSES								
			Practical	Teaching Hours		Examination Scheme						
	Course Code & Course	Credits (Total	Credits (Total	Per Week		Theory Marks			Practical M		larks	
		Hours)	Hours)	Theory/ Tut/ Sem	Practical	U/E	I/A	Total	U/E	I/A	Total	
AH 201	MICROBIOLOGY	2 (30)	2 (60)	2	4	40	20	60	60	40	100	
AH 202	PATHOLOGY	2 (30)	2 (60)	2	4	40	20	60	60	40	100	
AH 203	PHARMACOLOGY	2 (30)	2 (60)	2	4	40	20	60	60	40	100	
AH 204	COMMUNITY MEDICINE	2 (30)	2 (60)	2	4	40	20	60	60	40	100	
		ABI	LITY ENHANC	CEMENT ELECT	TIVE COURSE							
AEEC 205	ENVIRONMENT STUDIES	3 (45)	-	3	-	60	40	100	-	-	-	
			CORE E	LECTIVE COUR	RSE							
CEC 206	HOSPITAL OPERATIONAL MANAGEMENT	2 (30)	2 (60)	2	4	40	20	60	60	40	100	
			1	OR			1			ı		
CEC 207	INTRODUCTION TO QUALITY AND PATIENT SAFETY	2 (30)	2 (60)	2	4	40	20	60	60	40	100	
1 theory	1 theory credit = 15 classroom &/or experiential learning hours  1 practical credit = 30 practical training hours								Total Cre Points	edit	23	

## B.Sc. ( NEURO ELECTROPHYSIOLOGY TECHNOLOGY) SEMESTER III

## CORE COURSE

			Practical	Teaching Hours Per Week		Examination Scheme						
Course Code & Course		Credits Credits (Total (Total	Credits (Total			Theory Marks			Practical Marks			
		Hours)	Hours)	Theory/ Tutorial	I U/E I I/A I Tot		Total	U/E	I/A	Total		
ELPH 301	Basics of electronics concepts related to Neurophysiology	2 (30)	3(90)	2	6	60	20	80	80	40	120	
ELPH 302	Neuro Anatomy	2 (30)	3(90)	2	6	60	20	80	80	40	120	
ELPH 303	Neuro Physiology & Biochemistry	3 (45)	3(90)	2	6	60	20	80	80	40	120	
ELPH 304	Neuro Radiology (Basics)	2 (30)	3(90)	2	6	60	20	80	80	40	120	
		ABILITY	ENHANCEM	IENT ELEC	TIVE CO	URSE				l		
ELPH/A EEC 305	Biostatistics and research methodology	2 (30)		2		60	40	100				
		•		OR			•					
ELPH/A EEC 306	Medical Records Managements	2 (30)		2		60	40	100				
1 theory ci	redit = 15 classroom &/or experientia	al learning hou	ırs	1 practical cr	redit = 30	practical	training	hours	Total Cre Points	edit	23	

	B.Sc. (NE	URO ELECT	TROPHYSIO	LOGY TEC	HNOLOG	GY) SEM	ESTER	IV				
			CORI	E COURSE								
		Theory	Practical	Practical Teaching Hours		Examination Scheme						
Co	ourse Code & Course	Credits (Total	Credits (Total	Per W	eek	Theory Marks			Practical Mark		ırks	
		Hours)	Hours)	Theory/ Tutorial	Practi cal	U/E	I/A	Total	U/E	I/A	Total	
ELPH 401	Applied Neuro Pathology	3(45)	3(90)	2	6	60	20	80	80	40	120	
ELPH 402	Basic of EEG	2(30)	3(90)	2	6	60	20	80	80	40	120	
ELPH 403	Basics of EMG & NCV	2(30)	3(90)	2	6	60	20	80	80	40	120	
ELPH 404	Patient care management and clinical care	2(30)	3(90)	2	6	60	20	80	80	40	120	
		ABILITY	Y ENHANCEN	MENT ELEC	TIVE CO	URSE						
ELPH/ AEEC 405	Organization Behavior	2 (30)		2		60	40	100				
	OR											
ELPH/ AEEC 406	Pursuit of Inner Self Excellence	2 (30)		2		60	40	100				
1 theory credit = 15 classroom & /or experiential learning hours  1 practical credit = 30 practical training hours  Points								23				

	B.Sc. (NEU	RO ELECT	TROPHYSIOL CORE	OGY TECH	NOLOGY)	SEMES	TER V				
		Teaching Hours		ation Scheme							
(	Course Code & Course	Theory Credits (Total	Practical Credits (Total	Per W	/eek	Th	eory Ma	rks	Pr	actical Ma	rks
		Hours)	Hours)	Theory/T utorial	•		I/A	Total	U/E	I/A	Total
ELPH 501	Evoked potentials,	3(45)	3(90)	2	6	60	20	80	80	40	120
ELPH 502	Instrumentation of EEG	2(30)	3(90)	2	6	60	20	80	80	40	120
ELPH 503	Instrumentation of EMG & NCV	2(30)	3(90)	2	6	60	20	80	80	40	120
ELPH 504	Application of clinical neurophysiology & Assessment of Clinical Neurology	2(30)	3(90)	2	6	60	20	80	80	40	120
		ABILITY	ENHANCEM	ENT ELECT	IVE COU	RSE	•				
ELPH/ AEEC 505	Medical Bioethics	2 (30)		2		60	40	100			
				OR							
ELPH/ AEEC 506	Human rights Professional values	2 (30)		2		60	40	100			
1 theory credit = 15 classroom & /or experiential learning hours 1 practical credit = 30 practical training hours Points								edit	23		

			CORI	E COURSE								
		Theory	Practical	Teaching Hours		Examination Scheme						
Course Code & Course		Credits (Total	Credits (Total	Per Week		Theory Marks			Pr	arks		
		Hours)	Hours)	Theory/ Tutorial	Practi cal	U/E I/A Tot		Total	U/E	I/A	Total	
ELPH 601	Intra-operative neuro monitoring	3(45)	3(90)	2	6	60	20	80	80	40	120	
ELPH 602	Neuro – Radilogy Applied	2(30)	3(90)	2	6	60	20	80	80	40	120	
ELPH 603	Clinical neurology	2(30)	3(90)	2	6	60	20	80	80	40	120	
ELPH 604	EEG and EMG Machines and clinical practice	2(30)	3(90)	2	6	60	20	80	80	40	120	
		ABILITY	ENHANCEN	MENT ELEC	CTIVE CO	OURSE						
ELPH/A EEC 605	Project related to electrophysiology technology	2 (30)		2		60	40	100				
1 theory c	redit = 15 classroom & /or experientia	l learning ho	urs	1 practical c	redit = $30$	practical	training	hours	Total Cı Points	edit	23	