Mymensingh Polytechnic Intitute
Electromedical Technology
Outline Plan of Teching 2nd Semester Student
SEMESTER PLAN PRESENTATION   T P C
Subject: Basic Biomedical Engineering (28621)   2 3 3

WEEK	Theory			Practical	
	Content (Specific Objective)	Class Test	Learning Material	Content (Practical Job no)	Activity
1	Understand the Feature of BIOMEDICAL ENGINEERING (1.1-1.6)		Ref. books, White board, marker.	Job no: 1 OBSERVE INSTRUMENTS IN BIOMEDICAL LAB	
2	Understand the Feature of BIOMEDICAL SIGNALS AND NOISE (2.1-2.4)			Job no: 2 OPERATE ELECTROCARDIOGRAPG (ECG)	
3	Understand the Feature of BIOMEDICAL SIGNALS AND NOISE (2.5-2.8)			Job no: 2 OPERATE ELECTROCARDIOGRAPG (ECG)	
4	Understand the Feature of BIOMEDICAL ELECTRODES. SENSORS AND TRANSDUCERS (3.1-3.4)	CT-1		Job no: 3 VERIFY THE CHARACTERISTICS OF BIO MEDICAL SENSORS	
5	Understand the Feature of BIOMEDICAL ELECTRODES. SENSORS AND TRANSDUCERS (3.5-3.8)			Job no: 3 VERIFY THE CHARACTERISTICS OF BIO MEDICAL SENSORS	
6	Understand the Feature of BIOELECTRIC AMPLIFIERS (4.1-4.4)	QT-1		Job no: 4 MEASURE THE CHARECTERISTIC OF OPERATIONAL AMPLIFIER	
7	Understand the Feature of BIOELECTRIC AMPLIFIERS (4.4-4.7)			Job no: 4 MEASURE THE CHARECTERISTIC OF OPERATIONAL AMPLIFIER	
8	Understand the Feature of RECORDING AND MONITORING SYSTEM (5.1-5.7)			Job no: 5 VERIFY AND MEASURE THE PARAMETER OF CENTRAL MONITORING SYSTEM	
9	MIDTERM EXAMINATION				
10	Understand the Feature of BIOMEDICAL RECORDERS (6.1-6.3)			Job no: 6 MEASURE THE OUTPUT DATA OF A SAMPLE BY BIOCHEMISTRY ANALYZER	
11	Understand the Feature of BIOMEDICAL RECORDERS (6.4-6.6)			Job no: 6 MEASURE THE OUTPUT DATA OF A SAMPLE BY BIOCHEMISTRY ANALYZER	
12	Understand the Feature of BIOCHEMICAL ANALYSIS SYSTEMS (7.1-7.3)	CT-2		Job no: 7 OPERATE ELECTRO SURGERY MACHINE.	
13	Understand the Feature of BIOCHEMICAL ANALYSIS SYSTEMS (7.4-7.6)			Job no: 7 OPERATE ELECTRO SURGERY MACHINE.	
14	Understand the Feature of ELECTRO SURGICAL SYSTEM (8.1-8.6)	QT-2		Job no: 8 PERFORM INTERFACING COMPUTER WITH PULSE OXIMETER.	
15	Understand the Feature of COMPUTERS IN BIOMEDICAL FIELD (9.1-9.6)			Job no: 9 OPERATE AUTOCLAVE MACHINE.	
16	Understand the Feature of CLEANING AND DISINFECTION (10.1-10.4)			Job no: 9 OPERATE AUTOCLAVE MACHINE.	

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