

LESSON PLAN FOR EVEN SEM
SESSION 2017-18

NAME OF ASSISTANT PROFESSOR : MINAKSHI CHAUDHARY
CLASS/SECTION : BSC IT (H) I, G
SUBJECT : DIGITAL ELECTRONICS-II (BSIT-204) AND DIGITAL ELECTRONICS PRACTICAL (BSIT-208)

UNIT/PART I	TOPIC	
	THEORY(BSIT-204)	PRACTICAL(BSIT-208) GROUP A
DAY1 DATE 1-1-18	.....	AOI GATES
DAY2 DATE 4-1-18	INTRODUCTION TO REGISTER	.....
DAY3 DATE 5-1-18	TYPES OF REGISTER	.....
DAY4 DATE 6-1-18	SHIFT REGISTER: SISO	.....
DAY5 DATE 8-1-18	.....	DIGITAL TRAINER USING NAND GATES
DAY6 DATE 11-1-18	SHIFT REGISTER: SIPO	.....
DAY7 DATE 12-1-18	SHIFT REGISTER: PISO	.....
DAY8 DATE 13-1-18	SHIFT REGISTER: PIPO	.....
DAY9 DATE 15-1-18	.....	HALF ADDER
DAY10 DATE 18-1-18	BIDIRECTIONAL SHIFT REGISTER	.....
DAY11 DATE 19-1-18	RING COUNTER	.....
DAY 12 DATE 20-1-18	RING COUNTER CONTINUE	.....
DAY13 DATE 22-1-18	HOLIDAY	.....
DAY14 DATE 23-1-18	SPORTS DAY	.....
DAY15 DATE 24-1-18	HOLIDAY	.....
DAY16 DATE 25-1-18	TWISTED RING COUNTER	.....
DAY 17	PROBLEMS BASED ON REGISTERS	.....

DATE 27-1-18		
UNIT/PART II	TOPIC	
	THEORY(BSIT-204)	PRACTICAL(BSIT-208)
DAY1 DATE 29-1-18	.....	FULL ADDER
DAY2 DATE 1-02-18	INTRODUCTION TO WEIGHTED REGISTER	.....
DAY3 DATE 2-2-18	INTRODUCTION TO WEIGHTED REGISTER CONTINUE	.....
DAY4 DATE 3-2-18	DIGITAL TO ANALOG CONVERSION	.....
DAY5 DATE 5-2-18	.....	MULTIPLEXER
DAY6 DATE 8-2-18	BINARY LADDER DAC	.....
DAY7 DATE 9-2-18	BINARY LADDER DAC CONTINUE ASSIGNMENT 1	.....
DAY8 DATE 10-2-18	HOLIDAY	.....
DAY9 DATE 12-2-18	.....	DEMULTIPLEXER
DAY10 DATE 15-2-18	BINARY LADDER DAC CONTINUE	.....
DAY11 DATE 16-2-18	SUCCESSIVE APPROXIMATION ADC	.....
DAY12 DATE 17-2-18	COUNTER TYPE ADC	.....
DAY13 DATE 19-2-18	.....	DEMULTIPLXER CONTINUE
DAY14 DATE 22-2-18	SPECIFICATION OF DAC	.....
DAY15 DATE 23-2-18	SPECIFICATION OF ADC	.....
UNIT/PART III	TOPIC	
	THEORY(BSIT-204)	PRACTICAL(BSIT-208)
DAY1 DATE 24-2-18	INTRODUCTION TO MEMORY	.....
DAY2 DATE 26-2-18	.....	JK FLIP FLOP
DAY3 DATE 1-3-18	HOLIDAY	.....
DAY4	HOLIDAY	.....

DATE 2-3-18		
DAY5 DATE 3-3-18	HOLIDAY	.....
DAY6 DATE 5-3-18	.....	JK FLIP FLOP CONTINUE
DAY7 DATE 8-3-18	MEMORY TYPE, PARAMETERS	.....
DAY8 DATE 9-3-18	BIPOLAR ROM	.....
DAY9 DATE10-3-18	BIPOLAR ROM CONTINUE ASSIGNMENT 2	.....
DAY 10 DATE 12-3-18	.....	T FLIP FLOP
DAY11 DATE 15-3-18	PROM, EPROM	.....
DAY12 DATE 16-3-18	EEPROM	.....
DAY13 DATE 17-3-18	BIPOLAR STATIC RAM	.....
DAY14 DATE 19-3-18	.....	D FLIP FLOP
DAY15 DATE 22-3-18	CONDITIONAL TEST	.....
DAY 16 DATE 23-3-18	HOLIDAY	.....
DAY 17 DATE 24-3-18	BIPOLAR DYNAMIC RAM	.....
UNIT/PART IV	TOPIC	
	THEORY(BSIT-204)	PRACTICAL(BSIT-208)
DAY1 DATE 26-3-18	.....	SHIFT REGISTER
DAY2 DATE 29-3-18	HOLIDAY	.....
DAY3 DATE 30-3-18	BASICS OF MAGNETIC MEMORY	.....
DAY4 DATE 31-3-18	MAGNETIC CORE MEMORY	.....
DAY5 DATE 2-4-18	.....	SHIFT REGISTER CONTINUE
DAY6 DATE 5-4-18	MAGNETIC SURFACE MEMORY	.....
DAY7 DATE 6-4-18	MEMORY ORGANIZATION	.....
DAY8 DATE 7-4-18	MEMORY ORGANIZATION CONTINUE	.....

DAY9 DATE 9-4-18	.....	DAC
DAY10 DATE 12-4-18	MEMORY OPERATION	.....
DAY11 DATE 13-4-18	CONTINUE	.....
DAY12 DATE 14-4-18	HOLIDAY	.....
DAY13 DATE 16-4-18	.....	DAC CONTINUE
DAY14 DATE 19-4-18	EXPANDING SIZE OF MEMORY	.....
DAY15 DATE 20-4-18	CONTENT ADDRESSABLE MEMORY	.....

NAME OF ASSISTANT PROFESSOR : MINAKSHI CHAUDHARY
CLASS/SECTION: BSC IT (H) II, G
SUBJECT : TELECOMMUNICATION (BSIT-403) AND ANALOG PRACTICAL (BSIT-407)

UNIT/PART I	TOPIC	
	THEORY(BSIT-403)	PRACTICAL(BSIT-407)
DAY1 DATE 1-1-18	.....	ASTABLE MULTIVIBRATOR- GROUP-I
DAY2 DATE 2-1-18	.....	ASTABLE MULTIVIBRATOR- GROUP- II
DAY3 DATE 3-1-18	.....	ASTABLE MULTIVIBRATOR- GROUP- III
DAY4 DATE 4-1-18	INTRODUCTION TO SATELLITE COMMUNICATION	.....
DAY5 DATE 5-1-18	SATELLITE ORBITS: ORBIT FUNDAMENTALS	.....
DAY6 DATE 6-1-18	SATELLITE ORBITS: ORBIT FUNDAMENTALS CONTINUE	.....
DAY7 DATE 8-1-18	.....	ASTABLE MULTIVIBRATOR- GROUP-I CONTINUE
DAY8 DATE 9-1-18	.....	ASTABLE MULTIVIBRATOR- GROUP-II CONTINUE
DAY9 DATE 10-1-18	.....	ASTABLE MULTIVIBRATOR- GROUP-IICONTINUE

DAY10 DATE 11-1-18	STATION KEEPING	.....
DAY11 DATE 12-1-18	ALTITUDE CANTROL	.....
DAY12 DATE 13-1-18	SATELLITE POSITION	.....
DAY13 DATE 15-1-18	.....	MONOSTABLE MULTIVIBRTAOR GROUP-I
DAY 14 DATE 16-1-18	.....	MONOSTABLE MULTIVIBRTAOR GROUP-II
DAY15 DATE 17-1-18	.....	MONOSTABLE MULTIVIBRTAOR GROUP-III
DAY16 DATE 18-1-18	SATELLITE POSITION CONTINUE	.....
DAY17 DATE 19-1-18	SATELLITE LAUNCHING	.....
DAY 18 DATE 20-1-18	SATELLITE FREQUENCY ALLOCATION SATELLITE BANDWIDTH, CHANNEL CAPACITY	.....
DAY19 DATE 22-1-18	HOLIDAY	.....
DAY20 DATE 23-1-18	SPORTS DAY	.....
DAY21 DATE 24-1-18	HOLIDAY	.....
DAY22 DATE 25-1-18	SATELLITE SUBSYSTEM ,EARTH STATION	.....
DAY23 DATE 26-1-18	HOLIDAY	.....
DAY 24 DATE 27-1-18	APPLICATION OF SATELLITE COMMUNICATION	.....
UNIT/PART II	TOPIC	
	THEORY(BSIT-403)	PRACTICAL(BSIT-407)
DAY1 DATE 29-1-18	.....	MONOSTABLE MULTIVIBRTAOR GROUP-I CONTINUE
DAY2 DATE 30-1-18	.....	MONOSTABLE MULTIVIBRTAOR GROUP-II CONTINUE
DAY3 DATE 31-1-18	HOLIDAY	.....
DAY4 DATE 1-2-18	MICROWAVE TECHNIQUES , TRANSMISSION LINES	.....

DAY5 DATE 2-2-18	WAVE GUIDES	.....
DAY6 DATE 3-2-18	CAVITY RESONATORS	.....
DAY7 DATE 5-2-18	.....	IC 555 AS AMV GROUP-I
DAY8 DATE 6-2-18	.....	IC 555 AS AMV GROUP-II
DAY9 DATE 7-2-18	.....	IC 555 AS AMV GROUP-III
DAY10 DATE 8-2-18	MICROWAVE SEMICONDUCTOR DEVICES: POINT CONTACT DIODE	.....
DAY11 DATE 9-2-18	VARACTOR DIODE ASSIGNMENT 1	.....
DAY12 DATE 10-2-18	HOLIDAY	.....
DAY13 DATE 12-2-18	.....	IC 555 AS MMV GROUP-I
DAY14 DATE 13-2-18	HOLIDAY	.....
DAY15 DATE 14-2-18	.....	IC 555 AS MMV GROUP-III
DAY16 DATE 15-2-18	STEP RECOVERY DIODE	.....
DAY17 DATE 16-2-18	MICROWAVE TUBES: KLYSTRON, MAGNETRON	.....
DAY18 DATE 17-2-18	RADAR : BASIC CONCEPT,PULSE RADAR	.....
DAY19 DATE 19-2-18	.....	IC 555 AS MMV GROUP-I CONTINUE
DAY20 DATE 20-2-18	.....	IC 555 AS MMV GROUP-II
DAY21 DATE 21-2-18	.....	IC 555 AS MMV GROUP-III CONTINUE
DAY22 DATE 22-2-18	CW RADAR	.....
DAY23 DATE 23-2-18	ANALYSIS OF RADAR	.....
UNIT/PART	TOPIC	
III	THEORY(BSIT-403)	PRACTICAL(BSIT-407)
DAY1 DATE 24-2-18	FIBER OPTIC COMMUNICATION: BASICS	.....

DAY2 DATE 26-2-18	.....	REVISION : OP-AMP GROUP-I
DAY3 DATE 27-2-18	.....	REVISION : OP-AMP GROUP-II
DAY4 DATE 28-2-18	HOLIDAY	.....
DAY5 DATE 1-3-18	HOLIDAY	.....
DAY6 DATE 2-3-18	HOLIDAY	.....
DAY7 DATE 3-3-18	HOLIDAY	.....
DAY8 DATE 5-3-18	.....	REVISION : OP-AMP GROUP-I CONTINUE
DAY9 DATE 6-3-18	.....	REVISION : OP-AMP GROUP-II CONTINUE
DAY10 DATE 7-3-18	.....	REVISION : OP-AMP GROUP-III
DAY11 DATE 8-3-18	LIGHT WAVE COMMUNICATION SYSTEM	.....
DAY12 DATE 9-3-18	APPLICATIONS OF FIBER OPTICAL COMMUNICATION SYSTEM	.....
DAY13 DATE 10-3-18	APPLICATIONS OF FIBER OPTICAL COMMUNICATION SYSTEM CONTINUE ASSIGNMENT 2	.....
DAY 14 DATE 12-3-18	.....	REVISION :UNITY GAIN,INVERTING ,NON-INVERTING GROUP-I
DAY15 DATE 13-3-18	.....	REVISION :UNITY GAIN,INVERTING ,NON-INVERTING GROUP-II
DAY16 DATE 14-3-18	.....	REVISION :UNITY GAIN,INVERTING ,NON-INVERTING GROUP-III
DAY17 DATE 15-3-18	BENEFITS OF FIBER OPTICS	.....
DAY18 DATE 16-3-18	WORKING OF FIBER OPTIC CABLES	.....
DAY19 DATE 17-3-18	WORKING OF FIBER OPTIC CABLES CONTINUE	.....
DAY20 DATE 19-3-18	.....	REVISION :SUMMING AMP,DIFFERENCE AMP GROUP-I
DAY21	.....	REVISION :SUMMING

DATE 20-3-18		AMP,DIFFERENCE AMP GROUP-II
DAY22 DATE 21-3-18	.....	REVISION :SUMMING AMP,DIFFERENCE AMP GROUP-III
DAY23 DATE 22-3-18	CONDITIONAL TEST	.....
DAY 24 DATE 23-3-18	HOLIDAY	.....
DAY 25 DATE 24-3-18	CONSTRUCTION OF FIBER OPTIC CABLES	.....
UNIT/PART IV	TOPIC	
	THEORY(BSIT-403)	PRACTICAL(BSIT-407)
DAY1 DATE 26-3-18	.....	REVISION :DIFFERENTIAL AMPLIFIER GROUP-I
DAY2 DATE 27-3-18	.....	REVISION :DIFFERENTIAL AMPLIFIER GROUP-II
DAY3 DATE 28-3-18	.....	REVISION :DIFFERENTIAL AMPLIFIER GROUP-III
DAY4 DATE 29-3-18	HOLIDAY	.....
DAY5 DATE 30-3-18	TYPES OF CABLES	.....
DAY6 DATE 31-3-18	TYPES OF CABLES CONTINUE	.....
DAY7 DATE 2-4-18	.....	REVISION :INTEGRATOR AMPLIFIER GROUP-I
DAY8 DATE 3-4-18	.....	REVISION :INTEGRATOR AMPLIFIER GROUP-II
DAY9 DATE 4-4-18	.....	REVISION :INTEGRATOR AMPLIFIER GROUP-III
DAY10 DATE 5-4-18	CABLE VARIATIONS	.....
DAY11 DATE 6-4-18	CABLE ATTENUATION	.....
DAY12 DATE 7-4-18	OPTICAL TRANSMITTER	.....
DAY13 DATE 9-4-18	.....	REVISION :INTEGRATOR AMPLIFIER GROUP-I CONTINUE
DAY14 DATE 10-4-18	.....	REVISION :INTEGRATOR AMPLIFIER GROUP-II
DAY15 DATE 11-4-18	.....	REVISION :INTEGRATOR AMPLIFIER GROUP-III
DAY16 DATE 12-4-18	OPTICAL TRANSMITTER CONTINUE	.....
DAY17 DATE 13-4-18	OPTICAL RECEIVERS	.....

DAY18 DATE 14-4-18	HOLIDAY	.....
DAY19 DATE 16-4-18	.....	REVISION:ASTABLE MULTIVIBRATOR- GROUP-I
DAY20 DATE 17-4-18	.....	REVISION:ASTABLE MULTIVIBRATOR- GROUP-II
DAY21 DATE 18-4-18	HOLIDAY	.....
DAY22 DATE 19-4-18	FIBER OPTICAL DATA COMMUNICATION	.....
DAY23 DATE 20-4-18	FIBER OPTICAL DATA COMMUNICATION CONTINUE	.....

NAME OF ASSISTANT PROFESSOR : MINAKSHI CHAUDHARY
CLASS/SECTION : BSC IT (H) III, G
SUBJECT : EMBEDDED SYSTEMS & MICROCONTROLLER (BSIT-605)

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18	INTRODUCTION TO EMBBEDED SYSTEM	.....
DAY2 DATE 2-1-18	ROLE OF PROCESSOR	.....
DAY3 DATE 3-1-18	HARDWARE UNITS	.....
DAY4 DATE 8-1-18	SYSTEM ON A CHIP	.....
DAY5 DATE 9-1-18	CISC ARCHITECTURE , RISC ARCHITECTURE	.....
DAY6 DATE 10-1-18	DIFFERENCE BETWEEN CISC AND RISC	.....
DAY7 DATE 15-1-18	STRUCTURAL UNITS OF PROCESSOR	.....
DAY 8 DATE 16-1-18	PROCESSOR SELECTION FOR EMBEDDED SYSTEM	.....
DAY9 DATE 17-1-18	MEMORY DEVICES FOR EMBEDDED SYSTEMS	.....
DAY10 DATE 22-1-18	HOLIDAY	.....
DAY11 DATE 23-1-18	SPORTS DAY	.....

DAY12 DATE 24-1-18	HOLIDAY	.....
DAY13 DATE 26-1-18	HOLIDAY	.....
UNIT/PART II	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 29-1-18	MICROCANTROLLER SURVEY AND TYPES	.....
DAY2 DATE 30-1-18	PROCESSOR ARCHITECTURE	.....
DAY3 DATE 31-1-18	HOLIDAY	.....
DAY4 DATE 5-2-18	MICROCANTROLLER MEMORY TYPES	.....
DAY5 DATE 6-2-18	MICROCANTROLLER FEATURES	.....
DAY6 DATE 7-2-18	MICROCANTROLLER 8051 ARCHITECTURE ASSIGNMENT 1	.....
DAY7 DATE 12-2-18	HARDWARE UNITS, INPUT OUTPUT PINS	.....
DAY8 DATE 13-2-18	HOLIDAY	.....
DAY9 DATE 14-2-18	HARDWARE UNITS, INPUT OUTPUT PINS CONTINUE	.....
DAY10 DATE 19-2-18	PORTS AND CIRCUITS	.....
DAY11 DATE 20-2-18	EXTERNAL MEMORY	.....
DAY12 DATE 21-2-18	COUNTERS AND TIMERS	.....
UNIT/PART III	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 26-2-18	INTRODUCTION TO SERIAL COMMUNICATION	.....
DAY2 DATE 27-2-18	SERIAL DATA INPUT /OUTPUT	.....
DAY3 DATE 28-2-18	HOLIDAY	.....
DAY4 DATE 5-3-18	INTERRUPTS OF 8051	.....
DAY5 DATE 6-3-18	INSTRUCTION SET OF 8051: MOVE INSTRUCTION	.....

DAY6 DATE 7-3-18	PROGRAMMING ASSIGNMENT 2	.....
DAY 7 DATE 12-3-18	LOGICAL INSTRUCTIONS	.....
DAY8 DATE 13-3-18	PROGRAMMING BASED ON LOGICAL INSTRUCTIONS	.....
DAY9 DATE 14-3-18	JUMP AND CALL INSTRUCTIONS	.....
DAY10 DATE 19-3-18	JUMP AND CALL INSTRUCTIONS CONTINUE	.....
DAY11 DATE 20-3-18	PROGRAMMING BASED ON JUMP AND CALL INSTRUCTION	.....
DAY12 DATE 21-3-18	CONDITIONAL TEST	.....
UNIT/PART IV	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 26-3-18	8051 DESIGN	.....
DAY2 DATE 27-3-18	SPECIFICATION OF 8051 DESIGN	.....
DAY3 DATE 28-3-18	TESTING OF DESIGN	.....
DAY4 DATE 2-4-18	TIMING SUBROUTINES	.....
DAY5 DATE 3-4-18	TIMING SUBROUTINES CONTINUE	.....
DAY6 DATE 4-4-18	LOOK UP TABLE	.....
DAY7 DATE 9-4-18	LOOK UP TABLE CONTINUE	.....
DAY8 DATE 10-4-18	PROGRAMMING BASED ON T.S	.....
DAY9 DATE 11-4-18	PROGRAMMING BASED ON T.S CONTINUE	.....
DAY10 DATE 16-4-18	SERIAL DATA TRANSMISSION	.....
DAY11 DATE 17-4-18	SERIAL DATA TRANSMISSION CONTINUE	.....
DAY12 DATE 18-4-18	HOLIDAY	.....

NAME OF ASSISTANT PROFESSOR : MINAKSHI CHAUDHARY
CLASS/SECTION : BSC ELECTRONICS II, D
SUBJECT : ANALOG AND DIGITAL ELECTRONICS (PRACTICAL)

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 4-1-18	MULTIPLEXER GROUP-II
DAY2 DATE 5-1-18	JK FLIP FLOP GROUP-IV
DAY3 DATE 6-1-18	T FLIP FLOP GROUP- IV
DAY4 DATE 11-1-18	DEMULTIPELXER GROUP-II
DAY5 DATE 12-1-18	D FLIP FLOP GROUP- IV
DAY6 DATE 13-1-18	SHIFT REGISTER GROUP-IV
DAY7 DATE 18-1-18	JK FLIP FLOP GROUP-II
DAY8 DATE 19-1-18	SHIFT REGISTER GROUP-IV
DAY9 DATE 20-1-18	DAC GROUP-IV
DAY10 DATE 23-1-18	SPORTS DAY	.....
DAY11 DATE 24-1-18	HOLIDAY	.....
DAY12 DATE 25-1-18	T FLIP FLOP GROUP- II
DAY13 DATE 26-1-18	HOLIDAY	.....
DAY 14 DATE 27-1-18	DAC GROUP-IV CONTINUE
UNIT/PART II	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-2-18	D FLIP FLOP GROUP- II
DAY2 DATE 2-2-18	CODE CONVERTER GROUP-IV
DAY3 DATE 3-2-18	CODE CONVERTER GROUP-IV CONTINUE
DAY4 DATE 8-2-18	D FLIP FLOP GROUP- II CONTINUE

DAY5 DATE 9-2-18	.....	AMV USING TRANSISTOR GROUP-IV
DAY6 DATE 10-2-18	HOLIDAY	.....
DAY7 DATE 15-2-18	.....	SHIFT REGISTER GROUP-II
DAY8 DATE 16-2-18	.....	AMV USING TRANSISTOR GROUP-IV
DAY9 DATE 17-2-18	.....	MMV USING TRANSISTOR GROUP-IV
DAY10 DATE 22-2-18	.....	MMV USING TRANSISTOR GROUP-IV CONTINUE
DAY11 DATE 23-2-18	.....	MMV USING TRANSISTOR GROUP-IV CONTINUE
UNIT/PART III	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 24-2-18	.....	SUMMING AMPLIFIER GROUP-IV
DAY2 DATE 1-3-18	HOLIDAY	.....
DAY3 DATE 2-3-18	HOLIDAY	.....
DAY4 DATE 3-3-18	HOLIDAY	.....
DAY5 DATE 8-3-18	.....	CODE CONVERTER GROUP- II
DAY6 DATE 9-3-18	.....	DIFFERENCE AMPLIFIER GROUP-IV
DAY7 DATE 10-3-18	.....	DIFFERENCE AMPLIFIER GROUP-IV
DAY8 DATE 15-3-18	.....	CODE CONVERTER GROUP- II
DAY9 DATE 16-3-18	.....	DIFFERENTIATOR AMP GROUP-IV
DAY10 DATE 17-3-18	.....	INTEGRATOR AMP GROUP- IV
DAY11 DATE 22-3-18	.....	DAC GROUP-II
DAY 12 DATE 23-3-18	HOLIDAY	.....
DAY 13 DATE 24-3-18	.....	IC 555 AS AMV GROUP-IV
UNIT/PART IV	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 29-3-18	HOLIDAY	.....

DAY2 DATE 30-3-18	.....	IC 555 AS MMV GROUP-IV
DAY3 DATE 31-3-18	.....	DAC GROUP-II CONTINUE
DAY4 DATE 5-4-18	.....	REVISION:HALF ADDER GROUP II
DAY5 DATE 6-4-18	.....	REVISION:HALF ADDER GROUP-IV
DAY6 DATE 7-4-18	.....	REVISION FULL ADDER GROUP-IV
DAY7 DATE 12-4-18	.....	REVISION:FULL ADDER GROUP II
DAY8 DATE 13-4-18	.....	REVISION:MULTIPLEXER GROUP-IV
DAY9 DATE 14-4-18	HOLIDAY	.....
DAY10 DATE 19-4-18	.....	REVISION:MULTIPLEXER GROUP-II
DAY11 DATE 20-4-18	.....	REVISION:MULTIPLEXER GROUP-IV

NAME OF TEACHER:

MINAKSHI CHAUDHARY

ASSISTANT PROF. IN IT DEPARTMENT

MLN COLLEGE , YAMUNA NAGAR