

TRAINEE STUDENT LOGBOOK DEC- 2013 TO MAY-2014

SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	6/01/14	1 SHIFT	INTRODUCTION
2	TUE	7/01/14	1 SHIFT	FUNDAMENTALS OF EMBEDDED SYSTEM
3	WED	8/01/14	1 SHIFT	TPES OF DATA 1.TEXT 2.GRAPHICS 3.TYPES OF DATA (VOICE)AND NUMBERING SYSTEM CONVERSIONS
4	THU	9/01/14	1 SHIFT	ASCII CODES,EXPLANATION OF SEVEN SEGMENT CODING AND DRIVING AC SOURCE WITH BINARY
5	FRI	10/01/14	1 SHIFT	DEMONSTRATION OF DRIVING AC SOURCE WITH BINARY
6	SAT	11/01/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	12/01/14	1 SHIFT	HOLIDAY

SI.NO.	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	13/01/14	1 SHIFT	PONGAL HOLIDAY
2	TUE	14/01/14	1 SHIFT	PONGAL HOLIDAY
3	WED	15/01/14	1 SHIFT	PONGAL HOLIDAY
4	THU	16/01/14	1 SHIFT	PONGAL HOLIDAY
5	FRI	17/01/14	1 SHIFT	COLOUR CODING OF RESISTORS
6	SAT	18/01/14	1 SHIFT	FINDING THE VALUES OF RESISTOR
7	SUN	19/01/14	1 SHIFT	HOLIDAY

SI.NO.	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	20/01/14	1 SHIFT	STANDARDS OF RESISTORS 1.BSI 825 2.SMR CODING 3.3 OR 4 BAND .TYPES OF RESISTORS 1.FIXED 2.VARIABLE 3.TRAPPED RESISTOR
2	TUE	21/01/14	1 SHIFT	NON-LINEAR RESISTORS 1.THERMISTORS 2.SENSISTORS 3.LDR 4.VDR AND PROPERTIES AND SPECIFICATIONS OF CAPACITOR AND INDUCTORS
3	WED	22/01/14	1 SHIFT	CIRCUIT DESIGNING BY USING PCB WIZARD SOFTWARE
4	THU	23/01/14	1 SHIFT	PRACTISING OF CIRCUIT DESIGNING BY USING PCB WIZARD
5	FRI	24/01/14	1 SHIFT	TERMS RELATED TO PCB AND TYPES OF PCBs 1.SINGLE SIDED 2.DOUBLE SIDED 3.PTH 4.MULTI LAYER PCBs
6	SAT	25/01/14	1 SHIFT	PRACTISING OF CIRCUIT DESIGNING BY USING PCB WIZARD SOFTWARE
7	SUN	26/01/14	1 SHIFT	HOLIDAY

SI.NO.	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	27/01/14	1 SHIFT	EXPLANATION OF VOLTAGE VOLTAGE SOURCE,CURRENT,OHMS LAW,POWER,UNIT,(+,-) VOLTAGES,CURRENT DIRECTIONS AND AC DISTRIBUTION
2	TUE	28/01/14	1 SHIFT	EXPLANATION OF TYPES OF MATERIALS 1.CONDUCTORS 2.INSULATORS 3.SEMICONDUCTORS, AC AND AC DISTRIBUTION.
3	WED	29/01/14	1 SHIFT	EXPLANATION OF HOUSE HOLD AC DISTRIBUTION EARTHING ,MEASURING OF EARTHING .SOLDERING AND DESOLDERING PROCEDURE,PCB MANUFACTURING,POTENTIAL DIVIDER
4	THU	30/01/14	1 SHIFT	DEMONSTRATION OF PCB
5	FRI	31/01/14	1 SHIFT	APPLICATION OF POTENTIAL DIVIDER (PART-1) 1.DATA READING FROM NORMAL SWITCH 2.MAGNETIC SWITCH 3.OPTICAL SWITCH
6	SAT	1/02/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	2/02/14	1 SHIFT	HOLIDAY

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1	MON	6/01/14	1 SHIFT	
2	TUE	7/01/14	1 SHIFT	FUNDAMENTALS OF EMBEDDED SYSTEM
3	WED	8/01/14	1 SHIFT	TYPES OF DATA 1.TEXT 2.GRAPHICS 3.TYPES OF DATA (VOICE)AND NUMBERING SYSTEM CONVERSIONS
4	THU	9/01/14	1 SHIFT	ASCII CODES,EXPLANATION OF SEVEN SEGMENT CODING AND DRIVING AC SOURCE WITH BINARY
5	FRI	10/01/14	1 SHIFT	DEMONSTRATION OF DRIVING AC SOURCE WITH BINARY
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7	SUN	12/01/14	1 SHIFT	HOLIDAY

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4	THU	16/01/14	1 SHIFT	PONGAL HOLIDAY
5	FRI	17/01/14	1 SHIFT	COLOUR CODING OF RESISTORS
6	SAT	18/01/14	1 SHIFT	FINDING THE VALUES OF RESISTOR
7	SUN	19/01/14	1 SHIFT	HOLIDAY

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2	TUE	21/01/14	1 SHIFT	NON-LINEAR RESISTORS 1.THERMISTORS 2.SENSISTORS 3.LDR 4.VDR AND PROPERTIS AND SPECIFICATIONS OF CAPACITOR AND INDUCTORS
3	WED	22/01/14	1 SHIFT	CIRCUIT DESINING BY USING PCB WIZARD SOFTWARE
4	THU	23/01/14	1 SHIFT	PRACTISING OF CIRCUIT DESINING BY USING PCB WIZARD
5	FRI	24/01/14	1 SHIFT	TERMS RELATED TO PCB AND TYPES OF PCBS 1.SINGEL SIED 2.DOUBLE SIDED 3.PTH 4.MULTI LAYER PCBS
6	SAT	25/01/14	1 SHIFT	PRACTISING OF CIRCUIT DESINING BY USING PCB WIZARD SOFTWARE
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SI.NO.	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	3/02/14	1 SHIFT	PCB DESIGNATION OF CIRCUIT BY USING PCB WIZARD SOFTWARE
2	TUE	4/02/14	1 SHIFT	APPLICATIONS OF POTENTIAL DIVIDER 1.BUZZER INTERFACING 2.DATA READING FROM ELECTRO MAGNETIC RELAYS 3.MOTOR DRIVER
3	WED	5/02/14	1 SHIFT	SOLDERING PRACTICE
4	THU	6/02/14	1 SHIFT	SOLDERING PRACTICE
5	FRI	7/02/14	1 SHIFT	EXPLNATION OF PROJECT 1.DESGINATION OF RPS FOR 5V ,12V DC
6	SAT	8/02/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	9/02/14	1 SHIFT	HOLIDAY

SI.NO.	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	10/02/14	1 SHIFT	PCB DESIGNATION OF CIRCUIT BY USING PCB WIZARD SOFTWARE
2	TUE	11/02/14	1 SHIFT	PRINTING THE PCB LAYOUT OF POWER SUPPLY (PROJECT-1)ON THE PCB
3	WED	12/02/14	1 SHIFT	PREPRATION OF POWER SUPPLY CIRCUIT BY SOLDRING THE COMPONENTS ON PCB
4	THU	13/02/14	1 SHIFT	COMPLETION OF PROJECT-1 POWER SUPPLY AND OBSERVE THE OUTPUT EXPALNATION OF PROJECT-2(APPLICATIOPOTENTIALDIVIDER)
5	FRI	14/02/14	1 SHIFT	DESIGNING PCB LAYOUT OF PROJECT-2 BY USING PCB WIZARD SOFTWARE
6	SAT	15/02/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	16/02/14	1 SHIFT	HOLIDAY

SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	17/02/14	1 SHIFT	COMPLETION OF PROJECT-2 (APPLICATIONS OF POTENTIAL DIVIDERS PART-1)
2	TUE	18/02/14	1 SHIFT	COMPLETION OF PROJECT-2 (APPLICATIONS OF POTENTIAL DIVIDERS PART-1)
3	WED	19/02/14	1 SHIFT	HOLIDAY
4	THU	20/02/14	1 SHIFT	EXPLANATION OF PROJECT-4 (ON AND OFF TIMER USING COMPARATOR) AND PROJECT-5
5	FRI	21/02/14	1 SHIFT	PREPARATION PCB LAYOUT OF PROJECT-4 (ON TIMER AND OFF TIMER)
6	SAT	22/02/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	23/02/14	1 SHIFT	HOLIDAY

SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	24/02/14	1 SHIFT	PREPARATION OF PCB FOR PROJECT-4 AND PROJECT-5 (DESIGN AN ON AND OFF TIMER)
2	TUE	25/02/14	1 SHIFT	PREPARATION OF CIRCUIT FOR PROJECT-4 (ON TIMER AND OFF TIMER)
3	WED	26/02/14	1 SHIFT	COMPLETION OF PROJECT-4 (DESIGN ON TIMER AND OFF TIMER)
4	THU	27/02/14	1 SHIFT	HOLIDAY
5	FRI	28/02/14	1 SHIFT	COMPLETION OF PROJECT-5 (TEMPERATURE CONTROLLED FAN AND AUTOMATIC STREET LIGHT)
6	SAT	1/03/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	2/03/14	1 SHIFT	HOLIDAY

SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	3/03/14	1 SHIFT	EXPLANATION OF PROJECT-6 (REMOTE CONTROLLED DEVICE ON OFF SYSTEM USING DECADE COUNTER)
2	TUE	4/03/14	1 SHIFT	PREPARATION OF PCB LAYOUT FOR PROJECT-6 (REMOTE CONTROLLED DEVICE ON OFF SYSTEM)
3	WED	5/03/14	1 SHIFT	PREPARATION OF PCB LAYOUT FOR PROJECT-6
4	THU	6/03/14	1 SHIFT	EXPLANATION OF PROJECT-7 (COIN OPERATED MOBILE CHARGER)
5	FRI	7/03/14	1 SHIFT	PREPARATION OF PROJECT-6 (REMOTE CONTROLLED DEVICE ON OFF SYSTEM USING DECADE COUNTER)
6	SAT	8/03/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	9/03/14	1 SHIFT	HOLIDAY

SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	10/03/14	1 SHIFT	PREPARETION OF PCB LAYOUT FOR PROJECT-7(COIN OPERETED MOBILE CHARGER)
2	TUE	11/03/14	1 SHIFT	PREPARETION OF CIRCUITFOR PROJECT-6(RMOTE CONTROLLED DEVICE ON OFF SYSTEM)
3	WED	12/03/14	1 SHIFT	COMPLETION OF PROJECT-6(REMOTE CONTROLLED DVICE ON OFF SYSTEM USING DECADE COUNTER
4	THU	13/03/14	1 SHIFT	PREPRARETION OF PROJECT-7(COIN OPERETED MOBILE CHARGER)
5	FRI	14/03/14	1 SHIFT	STUDY OF CM8870 IC(DTMF RECIVER)
6	SAT	15/03/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	16/03/14	1 SHIFT	HOLIDAY

SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	17/03/14	1 SHIFT	HOLIDAY
2	TUE	18/03/14	1 SHIFT	STUDY OF DTMF
3	WED	19/03/14	1 SHIFT	PREPARETION OF PCB LAYOUT FOR TARGET BOARD
4	THU	20/03/14	1 SHIFT	COMPLETION OF PCB LAYOUT FOR TARGET BOARD
5	FRI	21/03/14	1 SHIFT	PREPARETION OF LAYOUT OF DTMF
6	SAT	22/03/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	23/03/14	1 SHIFT	HOLIDAY
SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	24/03/14	1 SHIFT	DTMF PCB CHECKING
2	TUE	25/03/14	1 SHIFT	PREPARETION OF COIN OPERETED MOBILE CHARGER
3	WED	26/03/14	1 SHIFT	TESTING OF COIN OPERETED MOBILE CHARGER
4	THU	27/03/14	1 SHIFT	INTRODUCTION TO DIGITAL CIRCUITS
5	FRI	28/03/14	1 SHIFT	DIGITAL CIRCUIT DESIGNS
6	SAT	29/03/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	30/03/14	1 SHIFT	HOLIDAY

SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	31/03/14	1 SHIFT	HOLIDAY
2	TUE	1/04/14	1 SHIFT	EVOLUTION OF RIPPEL COUNTER USING JK-FLIP FLOP
3	WED	2/04/14	1 SHIFT	PREPARETION OF BINARY COUNTER

4	THU	3/04/14	1 SHIFT	INTORDUCTION TO MEMORES
5	FRI	4/04/14	1 SHIFT	MEMORY CLASIFICATIONS
6	SAT	5/04/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	6/04/14	1 SHIFT	HOLIDAY

SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	7/04/14	1 SHIFT	NON VOLTAIL AND VOLTILE MEMORES
2	TUE	8/04/14	1 SHIFT	HOLIDAY
3	WED	9/04/14	1 SHIFT	DIGITAL CIRCUITS 1.STORAGE DIVICES 2.MEMORY ARCHITECTURE AND SIZE CALCULATION 3.CLASSIFICATION OF MEMORY
4	THU	10/04/14	1 SHIFT	MP BASED DESIGNS AND EXPLANETION OF EACH BLOCK,MODES OF ACCESSING DATA DISADVANTEGES OF MP BASED DESIGN
5	FRI	11/04/14	1 SHIFT	MC (MCS-SERICES)FETURES AND BASIC HARDWARE DESIGN OF 89C52 MC AND ITS MEMORY ARCTITECTURE
6	SAT	12/04/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	13/04/14	1 SHIFT	HOLIDAY

SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	14/04/14	1 SHIFT	BASIC COMPILER COMENDS OF X8051 CROSS ASSEMBLER AND PROGRAM WRITING PROCEDURE,EXPALNATION OF PROJECT-9 MC BASED SQUIRE WAVE GENRETOR FOR FLICKRING OF LED AND ITS PROGRAM
2	TUE	15/04/14	1 SHIFT	WRITING THE PROGRAM FOR PROJECT-9 IN DOS EDITOR AND COMPILEING THE PROGRAM
3	WED	16/04/14	1 SHIFT	VERIFICATION OF PROJECT-9
4	THU	17/04/14	1 SHIFT	COMPLETION OF THE DESIG OF MC COMPONENT BY USING PCB AND OBSERVE THE OUTPUT USING LED
5	FRI	18/04/14	1 SHIFT	VERIFICATIN OF ABOVE PROJECT
6	SAT	19/04/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	20/04/14	1 SHIFT	HOLIDAY

SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	21/04/14	1 SHIFT	COMPLETION OF PROJECTS DEVELOP A PROGRAM FOR BLINKING OF LED FOR A PERIOD OF ONE SEC EACH COUNT EQUAL TO 10 TIMES BLINKING LED HELP OF SWITCH
2	TUE	22/04/14	1 SHIFT	COMPLETION OF PROJECTS WALP FOR SEVEN SEGMENT DISPLAY TO DISPLAY FROM 0-9 NUMBERS, TO DISPLAY OUR PHONE NO,ALP FOR DECADE COUNTER WITH HELP OF CLOCK
3	WED	23/04/14	1 SHIFT	COMPLETION OF PROJECT TO DEVELOP AN INCREMENT&DECREMENT COUNTER USING MC 7 SEGMENT DISPLAY
4	THU	24/04/14	1 SHIFT	COMPLETION OF PROJECT TO DEVELOP AN ALP TO DISPLAY OUR NAME USING MC AND LCD
5	FRI	25/04/14	1 SHIFT	COMPLETION OF PROJECT TO DEVELOP AN ALP TO DISPLAY OUR BATCH NAMES AND THEIR RESPECTIVE PIN NO
6	SAT	26/04/14	1 SHIFT	DOUBTS CLARIFICATIONS
7	SUN	27/04/14	1 SHIFT	HOLIDAY

SI.NO.		DATE	SHIFT	WORKDONE/ACTIVITY
1	MON	28/04/14	1 SHIFT	INTERFACING WITH THERMISTOR ,LDR TO THE MC
2	TUE	29/04/14	1 SHIFT	SAME AS ABOVE PRACTICE IMPLEMENTATION
3	WED	30/04/14	1 SHIFT	VISITOR COUNTER CONVERSION HEX TO ASCII
4	THU	1/05/14	1 SHIFT	HOLIDAY
5	FRI	2/05/14	1 SHIFT	VISITOR COUNTER IMPLEMENTATION
6	SAT	3/05/14	1 SHIFT	DOUBTS CLARIFICATION
7	SUN	4/05/14	1 SHIFT	HOLIDAY

SI.NO.	DAY	DATE	SHIFT	WORKDONE/ACTIVITY
1	MON	5/05/14	1 SHIFT	BIDIRECTIONAL VISITOR COUNTER EVALUATION
2	TUE	6/05/14	1 SHIFT	INTERFACING DTMF DATA WITH MC
3	WED	7/05/14	1 SHIFT	DTMF ON OFF CONTROLLERS USING MC
4	THU	8/05/14	1 SHIFT	PASSWORD LOCKING USING DTMF AND MC
5	FRI	9/05/14	1 SHIFT	PRACTICAL EVALUATION OF DTMF INTERFACING CIRCUITS

6	SAT	10/05/14	1 SHIFT	DOUBTS CLARIFICATION
7	SUN	11/05/14	1 SHIFT	HOLIDAY

SI.NO.	DAY	DATE	SHIFT	WORKDONE/ACTIVITY
1	MON	12/05/14	1 SHIFT	UART COMMUNICATION USING MC PROGRAM ON DATA TRNSMISSION MC TO PC
2	TUE	13/05/14	1 SHIFT	DATA COMMUNICATION BETWEEN PC AND MC
3	WED	14/05/14	1 SHIFT	FUNDAMENTALS OF ADC08,09 CIRCUITS
4	THU	15/05/14	1 SHIFT	INTER FACING WITH ADC WITH MC
5	FRI	16/05/14	1 SHIFT	TEMPRETURE MEASUREMENT USING ADC
6	SAT	17/05/14	1 SHIFT	DOUBTS CLARIFICATION
7	SUN	18/05/14	1 SHIFT	HOLIDAY

SI.NO	DAY	DATE	SHIFT	WORK DONE/ACTIVITY
1	MON	19/05/14	1 SHIFT	LIGHT INTENSITY MESUREMENT USING ADC