St.Thomas College of Arts and S

Koyambedu,Chennai-107

Lesson Plan

Name of the Assistant Professor: R. MANJULA

Department : COMPUTER SCIENCE

Lesson Plan - 18 Weeks (November 2019 –March 2020)

Week	Date	Day	Class: III B.SC(C.S.)(VI Sem) SUBJECT NAME: SOFT. ENGG SUB. CODE : SEE6G	Class : III B.C.A(VI Sem) SUBJECT NAME : SOFTWARE TESTING SUBJECT CODE: SAZ6C
1	28-Nov-19	THURSDAY	INTRODUCTION TO SOFTWARE ENGINEERING AND DEFINITIONS	
	29-Nov-19	FRIDAY	GOALS OF SOFTWARE ENGINIEERING	INTRODUCTION TO TESTING
	30-Nov-19	SATURDAY	DELIVERABLES AND MILESTONES	
	1-Dec-19	SUNDAY		HOLI
2	2-Dec-19	MONDAY	MEASURES, METRICS AND MEASUREMENTS, PRODUCTIVITY AND EFFORT	PURPOSE OF SOFTWARE TESTING
	3-Dec-19	TUESDAY	SIZE FACTORS OF A PROJECT	PRODUCTIVITY AND QUALITY IN SOFTWARE TESTING
	4-Dec-19	WEDNESDAY	QUALITIES OF A SOFTWARE PRODUCT	
	5-Dec-19	THURSDAY	QUALITY AND PRODUCTIVITY FACTORS	QUALITY IN SOFTWARE TESTING
	6-Dec-19	FRIDAY	TEAM MANAGEMENT, COMMUNICATION SKILL AND RISK FACTORS	

	7-Dec-19	SATURDAY	MANAGERIAL ISSUES AND SOFTWARE PRODUCT MANAGEMENT	
	8-Dec-19	SUNDAY		HOLI
3	9-Dec-19	MONDAY	PLANNING A SOFTWARE PRODUCT AND DEVELOPMENT PROCESS- PROJECT PLANNING	
	10-Dec-19	TUESDAY	DEFINING THE PROBLEMS, GOALS AND REQUIREMENTS	TESTING VS DEBUGGING
	11-Dec-19	WEDNESDAY	SOLUTION STRATEGY, PHASES LIFE-CYCLE MODEL.	MODEL FOR TESTING
	12-Dec-19	THURSDAY	COST MODEL EXPLANATION WITH DIAGRAM	
	13-Dec-19	FRIDAY	PROTOTYPE MODEL AND SUCCESSIVE VERSION MODEL	BUGS IN TESTING
	14-Dec-19	SATURDAY	PLANNING AN ORGANIZATIONAL STRUCTURE- PROJECT STRUCTURE	
	15-Dec-19	SUNDAY		HOLI
4	16-Dec-19	MONDAY	PROGRAMMING TEAM STRUCTURE AND MANGEMENT BY OBJECTIVES	
	17-Dec-19	TUESDAY	SOFTWARE COST ESTIMATION- INTRODUCTION AND DEFINITION	TYPE OF BUGS WITH EXAMPLE
	18-Dec-19	WEDNESDAY	SOFTWARE COST FACTORS AND COST ESTIMATION TECHNIQUES: EXPERT JUDGMENT	TESTING STYLE

	19-Dec-19	THURSDAY	DELPHI-COST ESTIMATION AND WORK BREAK DOWN STRUCTURE	
	20-Dec-19	FRIDAY	ALGORITHMIC COST MODELS	DESIGN STYLE
	21-Dec-19	SATURDAY	STAFFING LEVEL ESTIMATION	
	22-Dec-19	SUNDAY		
	23-Dec-19	MONDAY		
	24-Dec-19	TUESDAY		
	25-Dec-19	WEDNESDAY		
	26-Dec-19	THURSDAY		
	27-Dec-19	FRIDAY		
5	28-Dec-19	SATURDAY	CHRISTMAS	
	29-Dec-19	SUNDAY		
	30-Dec-19	MONDAY		
	31-Dec-19	TUESDAY		
	1-Jan-20	WEDNESDAY		
	2-Jan-20	THURSDAY		
	3-Jan-20	FRIDAY	ESTIMATING SOFTWARE MAINTENANCE COST	
6	4-Jan-20	SATURDAY	SOFTWARE REQUIREMENT DEFINITION	TEST
	5-Jan-20	SUNDAY		HOLI
	6-Jan-20	MONDAY		
	7-Jan-20	TUESDAY		
	8-Jan-20	WEDNESDAY		
	9-Jan-20	THURSDAY	INTERNAL ASSESSMENT-1	
	10-Jan-20	FRIDAY		
7	11-Jan-20	SATURDAY	TYPES OF REQUIREMENT AND SOFTWARE REQUIREMENT SPECIFICATION	FLOW/GRAPHS
	12-Jan-20	SUNDAY		HOLI
	13-Jan-20	MONDAY		

8	14-Jan-20	TUESDAY		
	15-Jan-20	WEDNESDAY		
	16-Jan-20	THURSDAY		PONGAL H
	17-Jan-20	FRIDAY		
	18-Jan-20	SATURDAY		
	19-Jan-20	SUNDAY		
9	20-Jan-20	MONDAY	SPECIFICATION TECHNIQUES- REAL TIME NOTATION AND STATE-ORIENTED NOTATION	PATH TESTING EXPLANATION
	21-Jan-20	TUESDAY	LANGUAGES AND PROCESSORS FOR REQUIREMENT SPECIFICATIONS	
	22-Jan-20	WEDNESDAY	SOFTWARE DESIGN INTRODUCTION AND DEFINITION	ACHIEVABLE PATHS
	23-Jan-20	THURSDAY	DESIGN CONCEPTS- ABSTRACTION, MODULARITY AND REFINEMENT	
	24-Jan-20	FRIDAY	INFORMATION HOLDING, STURUCTURE, CONCURRENCY AND VERIFICATION	
	25-Jan-20	SATURDAY	MODULES AND MODULARIZATION CRITERIA- COUPLING AND COHESION CONCEPTS	SEMINAR
	26-Jan-20	SUNDAY		HOLI
	27-Jan-20	MONDAY	DESIGN NOTATIONS AND DESIGN TECHNIQUES	PATH INSTRUMENTATION
	28-Jan-20	TUESDAY	STEPWISE REFINEMENT AND LEVELS OF ABSTRACTION	

10	29-Jan-20	WEDNESDAY	STRUCTURED DESIGN AND INTEGRATED TOP-DOWN DEVELOPMENT	APPLICATION IN SOFTWARE TESTING
	30-Jan-20	THURSDAY	JACKSON STRUCTURED PROGRAMMING	
	31-Jan-20	FRIDAY	DETAILED DESIGN - CONCEPTUAL AND TECHNICAL DESIGN	
	1-Feb-20	SATURDAY	DETAILED DESIGN CONSIDERATION- REAL TIME AND DISTRIBUTED SYSTEM DESIGN	TEST
	2-Feb-20	SUNDAY		HOLI
11	3-Feb-20	MONDAY	TEST PLANS, MILESTONES, WALKTHROUGH AND INSPECTIONS	TRANSACTION FLOW TESTING TECHNIQUES
	4-Feb-20	TUESDAY	DESIGN GUIDELINES AND OBJECT ORIENTED DESIGN	
	5-Feb-20	WEDNESDAY	IMPLEMENTATION ISSUES- CODING STYLE	DATA FLOW TESTING STRATEGIES
	6-Feb-20	THURSDAY	STRUCTURED CODING TECHNIQUES- SINGLE ENTRY, EXIT CONSTRUCT	
	7-Feb-20	FRIDAY	DATA ENCAPSULATION, GOTO STATEMENT AND RECURSION	
	8-Feb-20	SATURDAY	STANDARDS AND GUIDELINES, DOCUMENTATION GUIDELINES	SEMINAR
	9-Feb-20	SUNDAY		HOLI
	10-Feb-20	MONDAY		
	11-Feb-20	TUESDAY		
	12-Feb-20	WEDNESDAY		INTERNAL AS
	13-Feb-20	THURSDAY		

12	14-Feb-20	FRIDAY		
	15-Feb-20	SATURDAY	VERIFICATION AND VALIDATION TECHNIQUES, QUALITY ASSURANCE	DATA FLOW TESTING STRATEGIES
	16-Feb-20	SUNDAY		HOLI
13	17-Feb-20	MONDAY	AUTOMATION TECHNIQUES- SYNTAX PARSER, STATIC VERIFICATION AND SYMBOLIC EXECUTION	DOMAIN TESTING
	18-Feb-20	TUESDAY	WALK THROUGH AND FORMAL REVIEWS	
	19-Feb-20	WEDNESDAY	SOFTWARE TESTING- TEST PLAN LEVELS	DOMAIN EXPLANATION
	20-Feb-20	THURSDAY	TAXONOMY OF SOFTWARE TESTING	
	21-Feb-20	FRIDAY	TESTING ACTIVITIES AND UNIT TESTING	
	22-Feb-20	SATURDAY	SYSTEM TESTING- ACCEPTANCE TESTING	PATHS OF THE DOMAIN
	23-Feb-20	SUNDAY		HOLI
14	24-Feb-20	MONDAY	SYSTEM TESTING- INTEGRATION TESTING	SEMINAR
	25-Feb-20	TUESDAY	DEBUGGING- SYSTEM TESTING	
	26-Feb-20	WEDNESDAY	SOFTWARE MAINTENANCE - INTRODUCTION AND DEFINITION	TEST
	27-Feb-20	THURSDAY	TYPES OF SOFTWARE MAINTENANCE	
	28-Feb-20	FRIDAY	MAINTAINABILITY	
	29-Feb-20	SATURDAY	MANAGERIAL ASPECTS OF SOFTWRAE MAINTENANCE	TESTING MODEL
	1-Mar-20	SUNDAY		HOLI

15	2-Mar-20	MONDAY	THE SOFTWARE MAINTENACNE PROCESS- PROGRAM UNDERSTANDING	INTERFACE TESTING
	3-Mar-20	TUESDAY	GENERATING PARTICULAR MAINTENANCE PROPOSAL	
	4-Mar-20	WEDNESDAY	SOFTWARE MAINTENANCE PROCESS-RIPPLE EFFECT	DESIGN STYLE
	5-Mar-20	THURSDAY	MODIFICATION PROGRAM TESTING	
	6-Mar-20	FRIDAY	MAINTANINABILITY IN SOFTWARE MAINTENANCE PROCESS	
	7-Mar-20	SATURDAY	OTHER MAINTENANCE TOOLS AND TECHNIQUES	DISCUSSION OF UNIT II
	8-Mar-20	SUNDAY		HOLI
16	9-Mar-20	MONDAY		INTERNAL ASS
	10-Mar-20	TUESDAY		
	11-Mar-20	WEDNESDAY		
	12-Mar-20	THURSDAY		
	13-Mar-20	FRIDAY		
	14-Mar-20	SATURDAY	PAPER DISTRIBUTION AND MARK ENTRY	PAPER DISTRIBUTION AND MARK ENTRY
	15-Mar-20	SUNDAY		HOLI
17	16-Mar-20	MONDAY	CONFIGURATION MANAGEMENT INTRODUCTION	TRANSACTION FLOW TESTING TECHNIQUES
	17-Mar-20	TUESDAY	LIST OF SOFTWARE CONFIGURATION ITEMS	
	18-Mar-20	WEDNESDAY	CONFIGURATION MANAGEMENT PROCESS DETAIL	STRATEGIES OF DATA FLOW TESTING
	19-Mar-20	THURSDAY	SOURCE CODE METRICS TO MEASURE THE LENGTH OF THE PROGRAM	

	20-Mar-20	FRIDAY	SOURCE CODE METRICS- HALSTEAD'S EFFORT EQUATION	
	21-Mar-20	SATURDAY	SOURCE CODE METRICS - MCCABE'S CYCLOMATIC METRIC	UNIVER QUESTION DISTRIBUTION
	22-Mar-20	SUNDAY		HOLI
18	23-Mar-20	MONDAY	PREVIOUS YEAR UNIVERSITY EXAM QUESTION DISCUSSION	REVISION UNIT I, II AND III
	24-Mar-20	TUESDAY	ERROR TRACKING	
	25-Mar-20	WEDNESDAY	SOFTWARE CHANGE IN CONFIGURATION MANAGEMENT	
	26-Mar-20	THURSDAY	REVIEW BASED ON QUESTIONS	DISCUSSION BASED ON UNIVERSITY QUESTION DISCUSSION
	27-Mar-20	FRIDAY	REVIEW BASED ON QUESTIONS	

Science

Class : I B.Sc(C.S)(II Sem) SUBJECT NAME : MICROPROCESSOR SUBJECT CODE: SAE2B	Class : I B.Sc(C.S)(II Sem) SUBJECT NAME : MICROPROCESSOR LAB SUBJECT CODE: SAE22
INTRODUCTION TO MICROPROCESSOR	
MICROCOMPUTERS	
	PROGRAM

DAY

	PROGRAM
ASSEMBLY LANGUAGE	
	PROGRAM
MICROPROCESSOR ARCHITECTURE	
MICROPROCESSOR AND ITS OPERATIONS	

	PROGRAM
DAY	
	PROGRAM
MEMORY CONCEPTS IN MICROPROCESSOR	
	PROGRAM
INPUT/OUTPUT DEVICES	
8085 MICROPROCESSOR UNIT	
	PROGRAM
DAY	
	PROGRAM
INTRODUCTION TO 8085 INSTRUCTIONS	
	PROGRAM

DATA TRANSFER OPERATIONS	
DATA TRANSFER OPERATIONS	
	PROGRAM

HOLIDAYS

	PROGRAM
ADDRESSING MODES	

DAY

PAPER DISTRIBUTIONS	

DAY

OLIDAYS

	PROGRAM
ARITHMETIC OPERATION	
LOGIC OPERATIONS	
	PROGRAM
	PROGRAM
BRANCH OPERATIONS	

DAY

	PROGRAM
WRITING ASSEMBLY LANGUAGE PROGRAM	

TIME DELAY PROGRAMS	
	PROGRAM
	PROGRAM
TIME DELAY USING ONE REGISTER	

DAY

	PROGRAM
TIME DELAY USING REGISTER PAIR	
USING A LOOP WITHIN LOOP TECHNIQUES	
	PROGRAM
	PROGRAM
COUNTER DESING WITH TIME DELAY	

DAY

SESSMENT-2

PAPER DISTRIBUTIONS	
DAY	
	PROGRAM
STACK AND SUBROUTINES	
BCD TO BINARY CONVERSION AND VICE VERSA	
	PROGRAM
	PROGRAM
BCD TO HEX CONVERSION AND VICE VERSA	
DAY	
	PROGRAM
BINARY TO ASCII CONVERSION AND VICE VERSA	
PROGRAM DISCUSSION	
	PROGRAM
	PROGRAM
BCD ADDITION AND SUBTRACTION	
DAY	

	PROGRAM
8085 INTERRRUPT	
8085 INTERRRUPT	
	PROGRAM
	PROGRAM
VECTORED INTERRUPT	
DAY	
SESSMENT- 3	
INTERFACING INPUT DEVICES	
DAY	
	PROGRAM
MEMORY MAPPED I/O	
SEMINAR	
	PROGRAM

	PROGRAM
SEMINAR	
DAY	
	PROGRAM
UNIVERSITY QUESTION DISCUSSION	
UNIVERSITY QUESTION DISCUSSION	
	PROGRAM