SGC

SARADHA GANGADHARAN COLLEGE

NAAC II Cycle
SSR 2020 - 2021

Lesson Plan

1. Curricular Aspects

LESSON PLAN FOR ODD SEMESTER

AUG 2016 To NOV 2016 (2016-2017)

LESSON PLAN

CLASS : I B COM

SUBJECT : FINANCIAL ACCOUNTING -I

DEPT : COMMERCE

SUBJECT HANDLED : MR.S.NATARAJAN

UNITS	TOPICS COVERED	NO. OF HOURS
I	Meaning and Scope of Accounting: Need, development, and definition of accounting; Book-keeping and accounting; Persons interested in accounting; Disclosures; Branches of accounting; Objectives of accounting.	10 HOURS
II	Accounting Principles: International accounting standards (only outlines); Accounting Principles; Accounting standards in India.	10 HOURS
III	Accounting Transaction: Accounting Cycle; Journal; Rules of debit and credit; Compound Journal entry; Opening entry; Relationship between journal and ledger; Rules regarding Posting; Trial balance; Sub division of journal, Sectional Balancing System: Self balancing system-Accounts of Non - Trading Institutions.	15 HOURS
IV	Capital and Revenue: Classification of Income; Classification of expenditure; Classification of receipts. Accounting concept of income; accounting concepts and income measurement; expired cost And income measurement. Final accounts; manufacturing account; trading account; Profit and loss account; Balance Sheet; Adjustment entries. Rectification of errors; Classification of errors; Location of errors; Rectification of errors; Suspense account; Effect on profit .	12 HOURS
V	Depreciation Provisions, and Reserves; Concept of depreciation; Causes of depreciation; Depreciation, depletion, amortization, and dilapidation; depreciation accounting; Methods Of recording depreciation; Methods for providing depreciation; Depreciation of different assets; Depreciation of replacement cost; Depreciation policy; as per Accounting Standard; Depreciation accounting Provisions and reserves.	17 HOURS

Dr. S. NATARAJAN
M.Com. MBA., M.Phil., Ph.D.
ASSISTANT PROFESSOR
Head of the Department of Commerce
Saradha Gangadharan College

Saradha Gangadharan College

Department of Corporate Secretaryship

Lesson Plan

Course Plan: Even Semester Jan – May 2017

Faculty Name: Mr.K.Madane

Sub: Financial Accounting II

Sem: II Semester **Class: I B.Com (CS)**

Month	Syllabus to be Covered	Hours	Remarks
II & III week of Jan	Consignment Accounts: Important terms.	4	COMPLETED
IV week of Jan	Accounting records; Valuation of unsold stock; Conversion of consignment into branch.	5	COMPLETED
I Week of Feb	Class Test conducted	2	COMPLETED
II & III week of Feb	Joint Venture Accounts: Meaning of joint venture; joint venture and partnership	5	COMPLETED
IV week of Feb	Accounting Records. Accounting Dependent branch Debtors systems	5	COMPLETED
I week of March	Final accounts Systems Wholesale branch; independent branch; foreign branch.	5	COMPLETED
II & III week of March	Hire – Purchase and instalment purchase system, Meaning of hire-purchase contract, legal Provision regarding hire.	6	COMPLETED
IV week of March	purchase contract; Accounting records for goods of substantial sale Value	4	COMPLETED
V week of March	I TERM TEST	5	COMPLETED
I Week of April	Accounting records for goods of small values, Instalment purchase system After sales service	5	COMPLETED
II week of April	Partnership Accounts: Essential characteristics of partnership; partnership deed	5	COMPLETED
III week of April	Sums Solved – 15 sums	5	COMPLETED
IV week of April	Fixed and fluctuating capital, Treatment	5	COMPLETED

	of Goodwill, Change in profit sharing Ratio		
V week of April	Sums Solved – 15 Sums	5	COMPLETED
I week of May	Reconstitution of a partnership firm – Admission of a partner - Retirement of a partner, Death of partner - Dissolution of Partnership firm - gradual realization of assets and piecemeal distribution	5	COMPLETED
II week of May	Model Examination	5	COMPLETED
Total		75	COMPLETED

SARADHA GANGADHARAN COLLEGE

DEPARTMENT OF MANAGEMENT STUDIES

LESSON PLAN

2016-2017 ODD Semester

Faculty Name: N. YOGALAKSHMI

SUBJECT : SOFT SKILLS FOR BUSINESS

Sem: I Semester **Class: I B.B.A.**

WEEK	UNIT	TITLE
1 WEEK	UNIT -1	Introduction to communication: meaning and definitions, need of communication, objectives and principles of communication.
2 week	Unit-1	Communication media, types of communication process, interpersonal and business communication,
3 week	Unit -1	Characteristics of business communication, verbal and non verbal communication, barrier to communication
4 week	Unit-2	Meaning, need, functions and kinds of business letters, essentials of business letters, layout and appearance of business letter.
5 week	Unit-2	Size and style, form and punctuation, routine request letters, responses to letters, Refusal letters, claim letters, collection letters.
5 week	Unit-3	Letter of inquiry, opening and closing sentences in letter of inquiry, quotations.
6week	Unit-3	Specimen, placing an order, specimen-cancellation, acknowledgement, Refusal and execution of order.
7 week	Unit -4	Meaning of circular letters, objectives, situations that need circular letters, meaning of sales letters, objectives and advantages of sales letters.
8 week	Unit-4	Three p's function, Bank correspondence, meaning-correspondence with customers, head office and with other banks.
9 week	Unit-5	Meaning of a Report, importance of a Report, oral and written Report, types of business report.

10 week	Unit-5	Preparing a report, organization of a report, spoken communication, telephone, public addressing system, word processor
11 week	Unit-5	Telex, fax,email, teleconferences-voice, video, computer conference.

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Lesson Plan - 2017-2018(Odd Semester)

Department of Computer Applications

Subject : **Introduction To Problem Solving Using C**

Semester : **I**

Faculty Name : **Mrs.D.Saraswathi**

S.No. Unit/Topic Number	Topics covered	No. of Classes Required	Remarks
UNIT I	Introduction to Computers - Types and generations of Computers – Basic Computer Organization -Modules of a computer – Planning the Computer Program - Debugging, Types of errors - Documentation	**3**	**Completed**
	Techniques of Problem Solving – Problem solving aspects – Top-Down aspects – Implementation of algorithms – Program verification	**3**	
	Flowcharting, decision table, algorithms, Structured programming concepts, Programming methodologies viz. top-down and bottom-up programming	**3**	
UNIT II	C Programming Language- C Standard Library- C++ and Other C-based Languages- Object Technology- Introduction to C Programming - Memory Concepts-Decision Making	**4**	**Completed**
	Structured Program Development in C- Algorithms-Pseudocode- Control Structures- if Selection Statement- while Repetition Statement - Assignment Operators-Increment and Decrement Operators	**5**	
	C Program Control- for Repetition Statement - switch Multiple-Selection Statement - do…while Repetition Statement - break and continue Statements-Logical Operators	**5**	

UNIT III	C Functions - Program Modules in C - Math Library Functions – Functions- Function Definitions - Function Prototypes: A Deeper Look Function Call Stack and Stack Frames-Passing Arguments By Value and By Reference - Recursion vs. Iteration - C Arrays - Passing Arrays to Functions- Sorting Arrays- Searching Arrays - Multidimensional Arrays	**4** **5**	**Completed**
UNIT IV	Structure & Union - C Pointers- Pointer Variable Definitions and Initialization- Pointer Operators Passing Arguments to Functions by Reference - sizeof Operator - Pointer Expressions and Pointer Arithmetic- Relationship between Pointers and Arrays - Pointers to Functions C Characters and Strings – Character - Handling Library- String-Conversion Functions - Standard Input/Output Library Functions- String-Manipulation Functions -C Formatted Input/Output	**4** **4** **4**	**Completed**
UNIT V	C File Processing - Files and Streams- Creating a Sequential-Access File- Reading Data from a Sequential-Access File - Random-Access Files - Creating a Random-Access File Writing Data Randomly to a Random-Access File- Reading Data from a Random-Access File- C Preprocessor	**3** **3**	**Completed**
Total No of Hours		**50**	

Text Books:

1. P. K. Sinha & Priti Sinha,“Computer Fundamentals”, BPB Publications, 2007.

2. R.G. Tromey, “How to solve it by computer”, Prentice Hall, 1982.

3. Paul Deital & Harvey Deital, “C How to Program”, 7th edition, Pearson Education, 2013.

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Lesson Plan - 2017-2018(ODD Sem)

Department of Computer Science

Semester : III

Subject : **Computer Algorithms**

Faculty Incharge : **D.SARVANI**

S. No. Unit / Topic No.	Sub Topic Names	No Of Hrs Required	Remarks
1	Introduction – Algorithm Definition. What is an algorithm? Writing structured programs and analyzing algorithms Heap –introduction, Heap sort , Algorithms for heap sort - insert, del max, Sort Graphs – introduction, directed and undirected graphs, Representation methods for Graphs. **UNIT TEST-1**	2 4 2 1	Completed
2	Divide and Conquer - General Method. Binary Search –Recursive Method and Iterative Method, One comparison per cycle method. Finding the Max and Min – Straight Forward Max Min, Recursive Max Min. Merge sort –Merge Algorithm and Merge sort algorithm working. Tree calls for merge sort, Merge Quick sort, selection sort and strassen's Matrix multiplication. **UNIT TEST-2**	4 4 3 3 1	Completed
3	Greedy method – General method. Algs for greedy, Machine scheduling, Container loading problems Knapsack Problem, Tree Vertex splitting, Job Sequence with deadlines Minimum Cost Spanning Trees, Prim's Algorithm, Kruskal's Algorithm Optimal storage on tapes , Optimal Merge Patterns	3 4 4 2	Completed

	MID SEMESTER	2	
4	Dynamic Programming – General Method Multi Stage Graphs Backtracking – General Method, 8- Queens Problem, Sum Of Subsets, Graph Coloring **UNIT TEST-4**	4 4 1	Completed
5	Branch and Bound – The Greedy method 0/1 Knapsack Problem – Travelling Salesman Problem MODEL EXAM	3 3	Completed
Total No of hours		**53**	

Text /Reference books

1. Fundamentals of computer Algorithms second edition
   Ellis Horowitz, Sartajsahni, SanguthevarRajasekaran

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Lesson Plan - 2017-2018(Odd Semester)

Department of Information Technology

Semester : V

Subject : SOFTWARE ENGINEERING

Faculty : Mrs.R.Durga Devi

S. No Unit/ Topic Number	Sub Topic Names	No of Hours Required	Remark
I	Introduction to Software Engineering, defining software factors, Quality and productivity factors.	5	Completed
	Planning a software project, Steps to plan for a step project, defining the problem, developing a solution strategy	4	
	Planning the development process, planning an organizational structure.	5	
II	Software cost estimation, Software cost factors, software project size categories and Programmer team types.	5	
	Software cost estimation techniques	4	Completed
	Top down and bottom up approaches. Delphi cost estimation, work break down structures (product based and process based) and expert judgment.	4	
III	Staffing level estimation and estimation of software maintenance costs.	5	
	Software requirements definition, Software requirements specification, requirements analysis for planning a project.	5	Completed
	Formal specification techniques, Techniques used for requirements specification: algebraic axioms, regular expressions,	5	
IV	Languages and processors for requirements specification	5	Completed

V	PSL/ PSA , RSL/ REVS, GIST, gist specification Introduction to software design concepts: modularization, models and modularization criteria, coupling, types of Coupling, cohesion and types of cohesion. Design requirements, Design notations and design techniques, various types of notations and techniques. Detailed design consideration, real time and distributed system design, guidelines for design Test plans, milestones, walkthroughs and inspections Implementation Issues, Introduction to coding, structured coding techniques: single entry single exit loop construct, go to statement, iterations and rules followed to write looping constructs of if, do- while, while, until and do-until loops Coding style and coding guidelines Documentation standards and guidelines used for documentation.	2 8 4 4	Completed
Total No of Hours		**70**	

Text/Reference Books:

1. Software Engineering Concepts by Richard Fairley, McGraw Hill Pub

Reference:

1. Software Engineering by R S Pressman, McGraw Hill 7th Edition

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Lesson Plan

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Lesson Plan - 2018-2019(Odd Semester)

Department of Mathematics

CLASS : III-B.Sc.(Maths) (V semester)

SUBJECT : ABSTRACT ALGEBRA

NAME OF THE STAFF: Prof. P. BALAKRISHNAN

S.NO	UNITS	TOTAL NO OF HOURS TAKEN	TOPICS
1	I	15	Mappings – Equivalence Relation – Congruence modulo n – Definition of a group – Some examples of a group – Some Preliminary Lemmas – Subgroups.
2	II	15	A counting principle- Normal subgroups and Quotient Groups– Homomorphisms.
3	III	10	Automorphisms- Cayley'stheorem- Permutationgroups.
4	IV	20	Definition of Ring- examples of a rings-Some special classes of rings- Homomorphisms– Ideals and quotients rings - More ideals and quotients rings
5	V	15	The field of quotientsof an integraldomain – Euclidean Rings – A particular Euclidean ring.

Total Hours: 75 Hours

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Lesson Plan - 2018-2019(Even Semester)

Department of English

CLASS : I B.A ENGLISH (IV semester)

SUBJECT : BRITISH DRAMA

DEPT : ENGLISH

UNITS	TOPICS COVERED	NO. OF HOURS	REMARKS
I	Unit 1- Introducing Drama- origin and development of British Drama	10 HOURS	Completed
II	Unit 2- Doctor Fautus by Marlow	10 HOURS	Completed
III	Unit 3- The Importance of Being Ernest by Oscar Wilde	15 HOURS	Completed
IV	Unit 4- Murder in the Cathedral by T.S Eliot	12 HOURS	Completed
V	Unit 5- Look Back in Anger by John Osborn	17 HOURS	Completed

SARADHA GANGADHARAN COLLEGE

TEACHING PLAN & MONITORING

JULY -NOV 2020

Name: F. Jeno Sandana Brina Rouvier, M.C.A., M.Phil., SET
Designation: Asst. Prof
Department: B.C.A
Subject: Data Mining Tools (WEKA) Lab Sem/Year: VIII

Review Frequency Note: Methods/ Techniques of Delivery can be decided by the Faculty / Teacher			Teaching Content			Primary Responsibility: Faculty		Overall Responsibility & Review: HOD
Monthly Month & Year	Target Audience	Objectives (Desired Actions)	Topics to be covered from Syllabus	Reference Topic from Course	Delivery Method	Venue	By When	REMARKS & EFFECTIVENESS Recovery Plan for shortfalls, if any
Jul-20	III BCA	To get acqaintance with Data Mining Tool WEKA	Introduction to data Mining too WEKA	WKS 004	Using Lecture, Demonstration method & power point presentation / ITC Tools	Google meet	Week1	completed
		To demonstrate various Components of WEKA	Simple CLI, Explorer, Experimenter and Knowledge flow	WKS 004			Week2	completed
			Demonstration on the various functions available in simple CLI	WKS 004			Week3	completed
		To get acquated with var ous working methodology of different data mining techniques	Demonstrating working methodology of Explorer	WKS 004			Week4	completed
Aug 20			Demonstrating working methodology of Experimenter	WKS 004			Week1	completed
			Demonstrating working methodology of Knowledge Flow	WKS 004			Week2	completed
			Demonstration on different type of data set format	WKS 004			Week3	completed
		To gain Knowledge on data Preparation	Demonstration on preprocessing data	WKS 004			Week4	completed
Sep 20			Lab Ex 1 : Demonstration on preprocessing dataset Labor.arff	WKS 005			Week1	completed
		To gain deep knowledge on Association Pattern Mining	Lab Ex 2 : Demonstration on association rule processon dataset Contactlens.arff using Apriori algorithm	WKS 006			Week2	completed
		Nil	Internship			Lenova	Week3 & Week 4	completed
Oct 20			Pondicherry University Theory & Practica s Exam			Online Mode/ College Premises	Week1 Week 3	University Examinations held
						Google Class Room	Week4	Unit Test (Internal Test)
Nov 20		To gain deep knowledge on Association Pattern Mining	Lab Ex 3 : Demonstration of association rule process on dataset Test.arff using Apriori Algorithm	WKS 007	Using Lecture, Demonstration method & power point presentation / ITC Tools	Google Meet	Week1	completed
		To gain Knowledge on Clusten ng techniques	Lab Ex 4: Demonstration on various Cluster ng Algorithms	WKS 008			Week2	completed
			Lab Ex 5: Demonstration of Clustering Technique on data set Iris.arff using Simple K-Means algorithm	WKS 008			Week3	
			Unit Test (Internal Test) - II				Week4	Unit Test (Internal Test) - II
Dec 20			Lab Ex 6: Demonstration of Clustering Technique on data set Student.arff using Simple K-Means algorithm	WKS 009			Week1	
			Model Exam				Week2	Model Exam

Note: A copy of Teaching Plan needs to be submitted to the HOD. Any deficiency in execution needs to be reported to HOD & Principal with the corrections taken up, only for exceptions.

SARADHA GANGADHARAN COLLEGE

TEACHING PLAN & MONITORING

JULY 2021 - NOV 2021

Name: M. Sangeetha, M.Sc., M.Tech., Ph. D.
Designation: Asst. Prof Department: B.C.A.
Subject: Object Oriented Programming using Java. Sem/Year: III/II

Month & Year	Audience	(Desired Actions)	Topics to be covered from Syllabus	Reference Topic from Course Guide	Delivery Method	Venue	By When	EFFECTIVENESS Recovery Plan for shortfalls, if any
Aug-21	II BCA	To present an introduction to OOP and its concepts or principles. Procedural Vs Object Oriented Programming. Benefits and applications of OOPS. To present an introduction to Java and its evolution and the advantages of Java	Introduction OOP. Procedural Vs Object Oriented Programming. Principles of OOP. Benefits and applications of OOPS. Introduction to Java and its evolution and the advantages of Java	CAG 05A	Lecture methos using ITC Tools	Google meet and Google Classroom	week 1-4	Completed
Sep-21		To present an introduction to the Java application	Java language - Java Program Structure, Data types, variables, comments, operators, type casting and control structures	CAG 05A		Offline Classes, College Campus	week 1-4	Completed
		To discuss about Java Strings and its methods. To explain the concept of arrays with examples.	Java language - Java strings and its methods. Arrays in Java	CAG 06A				Completed
		To discuss the concepts of classes, objects and constructors with examples	Classes and Objects Constructors in Java.	CAG 06A				Completed
Oct-21		To explain inheritance and its types, with suitable examples.	Inheritance and its types.	CAG 06A			Weak 1-4	Completed
		To discuss the concept of function overridding and function overloading, polymorphism and interfaces	Function overridding, function overloading, Interfaces and polymorphism.	CAG 06A				Completed
		To elucidate the concept of packages and exception handling with suitable examples	Packages and Exception handling	CAG 06A				Completed
		To present an introduction to the various GUI components and present a few program executions	GUI components: Buttons, Labels, TextField, CheckBox, ComboBox Panels etc. - Displaying Text and Images in a Window - Text Fields	CAG 07A				Completed
Nov-21		To present an introduction to the various Swing components	Swing components: JButtons, JLabels, JTextField, JCheckBox, JComboBox JPanels etc.	CAG 07A			week 1-4	Completed
		To present an introduction to Event Handling. GUI Event Types and Listener Interfaces with suitable examples	Introduction to Event Handling- GUI Event Types and Listener Interfaces	CAG 07A				Completed
		More examples on event handling and Listeners	Event Handling and Listener Interfaces	CAG 07A				Completed
		To discuss a few layout managers with suitable examples.	Layout managers: Examples from border, grid and flow layout.	CAG 07A				Completed
		To discuss the difference between Swings Vs AWT and give an introduction to streams and I/O in java	Swings Vs AWT, Streams & I/O	CAG 07A				Completed
		Unit Test II						