Teaching Plan

(Academic Year**: 2015-2016)**

Class	**: BCA III Year**	**Semester:** V
Subject	**: Entrepreneurship Development**	**Paper No: XXVII – E-3**
Periods per week	**: 04**	**Test** (Date):_____
Weeks (Total)	**: 15**	**Tutorial** Date):_____

Week	Topic to be Covered
1	Introduction to Entrepreneurship. Entrepreneur : - meaning, importance, Qualities, nature, types, traits, culture, similarities
2	Economic and differences between Entrepreneur and Intra-pruner. Importance of Entrepreneurship development, Role of Entrepreneurship. Entrepreneurial environment.
3	Evolution of Entrepreneurs. Entrepreneurial promotion, Training and developing, motivation Factors.
4	Mobility of Entrepreneurs :- Entrepreneurial change, occupational mobility, factors in mobility
5	Role of consultancy organizations in promoting Entrepreneurs Forms of business for Entrepreneurs.
6	Creating and starting the venture. Steps for starting a small industry.
7	Selection of types of organization. International entrepreneurship opportunities.
8	Preparing for the new venture launch. Managing, growing and ending the new venture.
9	Early management decisions. Managing early growth of the new venture.
10	New venture expansion strategies and issues. Going public. Ending the venture.
11	Introduction to Entrepreneurship Development. Role of Central Government and State Government in entrepreneurship Development
12	Role of Government in promoting Entrepreneurship. Introduction to various incentives, subsidies and grants of government.
13	Export Oriented Units. Fiscal and Tax concessions available.
14	Introduction to Women Entrepreneurs. Reasons for low / no women Entrepreneurs Women Entrepreneurs: Role, Problems and Prospects.
15	Revision

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Teaching Plan
Academic Year 2015--2016

CLASS : BCA **SEMESTER:**V

SUBJECT : MANAGEMENT ACCOUNTING **PAPER NO:** XXIX

PERIODS/WEEK : TH: 04 TEST:

(DATE):_____

WEEKS (TOTAL) : 15 **TUTORIAL** (DATE): _____

WEEK	TOPIC TO BE COVERED
1	Management Accounting: Introduction, Meaning, Definitions, Nature/Features/Characteristics, Scope
2	Importance/Need/Significance, Function, limitations, Distinguish between Management Accounting and cost accounting, Management Accounting and Financial Accounting
3	Fund Flow Analysis; Meaning definitions, importance preparation of fund flow statements
4	Simple problems on fund flow statements
5	Advance problems on fund flow statement
6	Cash Flow Analysisl: Introduction, meaning, definitions, importance and need, preparation of cash flow statements
7	Simple problems on cash flow statements
8	Advance problems on cash flow statements
9	Ratio Analysis: meaning definitions importance limitations
10	Calculation of balance sheet ratios
11	Calculation of profitability ratios
12	Calculation of turn over ratios
13	Advance problems on calculation of all ratios
14	Revision: fund flow statements, cash flow statements, ratio analysis
15	Solution of exam question papers in class

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Teaching Plan
Academic Year 2015-2016

Class : B.C.A **Semester:** V Sem

Subject : ORG.B **Paper No:**

Periods per week : Th_04 **Test** (Date):_____

Weeks (Total) : 15 **Tutorials** (Date):_____

Week	Topic to be Covered
1	Organizational behavior : concept, meaning, definition, Elements, importance
2	Approaches, organizational behavior models, Individual behavior
3	Personality : meaning , definition , Perceptual process
4	Determinants of personality, theories of personality, Importance of personality, OB study
5	Motivation: meaning, definition, nature of Motivation , types of motivation
6	Importance of motivation , motivation theories, maslow, Herzberg, x – theory, y – theory, Z - theory
7	Learning: meaning, definition, learning process, Factors determining learning
8	Importance of learning in organizational behavior Theories of learning
9	Perception: concept, meaning, definitions, Factors determining perception
10	Perceptual process , importance of study of perception In organizational behavior study
11	Values : introduction, meanings, types
12	Attitudes: introduction, meanings, difference between values and attitudes
13	Values – attitudes and job satisfaction , impact of Values and attitudes on individuals behavior
14	Revisions
15	Tests

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Teaching Plan
Academic Year 2015-2016

Class : **B.C.A** **Semester:** V Sem

Subject : **RDBMS** **Paper No:** XXVIII

Periods per week : **Th_02 Practical**:_04_ **Test** (Date):_____

Weeks (Total) : **15** **Tutorial** (Date):_____

Week	Topic to be Covered
1	Introduction of DBMS
	Application and Purpose.
	Introduction of View data.
	Levels of View Data
2	Introduction of Database Languages.
	Data Definition Language ,create ,drop syntax with example.
	Data Definition Language ,Alter, Truncate syntax with example
	Data Manipulation Language, Select,Insert, syntax with example.
3	Data Manipulation Language, delete ,Update syntax with example
	Database Access from Application programs.
	Relational databases
	Database Design concepts.
4	The E-R Model.
	Normalizations
	Object –based and Semi-Structure Databases,
	Data storage and Querying concepts.
5	Storage Manager
	Query Processor
	Database Architecture.
	Database Users and Administrators.
6	History of Database System.
	Data Models , Network model ,relational model
	Data Models ,object-oriented model, entity relation model
	Database Schemas and Instances
7	Relational Model
	Structure of Relational Database
	Introduction of relational Algebra.
	Fundamental of Relational Algebra Operations, Select,project operation.
8	Composition of Relational Operations
	Formal Definition of relational operation
	Extended Relational Algebra Operation
	Null Values
9	Introduction of SQL and Data Definition
	Basic Domain types and schema defination
	Basic structure of SQL Queries
	Set Operations

10	String operation
	Aggregate functions.
	Nested Sub queries
	Complex Queries
11	Views in SQL
	Modification of database
	Joined Relation of database
	Advance Database System
12	SQL data types
	SQL Schemas
	SQL Integrity Constraints
	SQL Authorization
13	Functions and procedure in SQL
	Recursive Queries.
	Recursive Queries.
	Revision
14	Revision
15	Test

Teacher's Signature
(Mrs.Ruheena Quadri)

H.O.D.'s Signature
(Dr. S. Javed Kabeer)

Teaching Plan
Academic Year 2015-2016

Class : BCA **Semester:** VIst Sem
Subject : Sys. Prog. **Paper No:** XXXIV
Periods per week : Th_04___ Practical:____ **Test** (Date):_____
Weeks (Total) : 15 **Tutorial** (Date):_____

Week	Topic to be Covered
1	Introduction of System programming.
	Evolution of System programming.
	Components of System programming.
	Assembler ,loader.
2	Compiler ,Macros.
	Interpreters ,linkers.
	Machine structure .
	Description of machine structure.
3	Types of languages.
	Machine language.
	Assembly language.
	Introduction of assembler.
4	Functions of assembler.
	General design of assembler.
	General design procedure.
	pass 1 assembler.
5	Function of pass 1 assembler.
	Data types of pass 1 assembler.
	Process of pass 1 assembler.
	Pass 2 assembler .
6	Function of pass 2 assembler.
	Data types of pass 2 assembler.
	Process of pass 2 assembler.
	Table processing .
7	Types of searching.
	Types of sorting.
	Introduction of loader, Types of loader.
	Loader scheme, Compile and go loader.
8	General loader scheme, Absolute loaders.
	Introduction of linker, Subroutine linkages.
	Relocating loader , Direct linking loader.
	Introduction of macros, Introduction of macro languages.
9	Processors and feature of macro facility.
	Structure of macro instruction, Macro arguments.
	Definition of macros
	Macro call.
	Data structure of macros.

10	Nested macros
	Macro expansions
	Introduction of Programming languages, importance of high level lang.
11	Importance of high level lang.
	Types of Programming languages
	Features of high level lang.
	Data types and data structure .
12	Storage allocation.
	Accessing flexibility.
	Functional modularity.
13	Revision
14	Revision
15	Revision

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(Mrs.Ruheena Quadri) (Dr. S. Javed Kabeer)

Teaching Plan
Academic Year 2015-2016

Class : **BCA** **Semester:** V

Subject : **Software Engineering (I.T Elective)** **Paper No:**

Periods per week : **Th: 2** **Practical**: 4 **Test** (Date):

Weeks (Total) : **15** **Tutorials** (Date):

Week	Topic to be Covered
1	Introduction to the syllabus
	Role and nature of s/w
	S/w terminologies.
2	Role of management in s/w development
	S/w life cycle models.
3	Build and fix model.
	Water fall model.
	Prototyping model.
4	RAD model.
	Spiral model.
	Iterative model.
5	The unified process.
	Selection of a life cycle model.
	Requirements Engineering.
6	Types of Requirements.
	Feasibility study.
	Requirement Elicitations.
7	Requirement analysis.
	Test and Tutorial.
	Requirements documentation.

8	Requirement validation.
	Requirement management.
9	Project Planning.
	Size estimation.
	Cost Estimation.
10	Models, COCOMO
	Risk management
11	Design:- Importance.
	Objectives.
	Types of Design
12	Design strategies.
	IEEE Recommended Practice of S/w Design.
	Object oriented design.
13	S/w Testing:- Strategic approach to s/w.
	Testing, Basic Terminologies.
	Functional and structural testing.
14	Levels of Testing.
	Validation Testing.
	Art of debugging, Testing Tools.
15	Revision, Test and Tutorial.

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Teaching Plan
Academic Year 2015-2016

CLASS: BCA **SEMESTER:** V
SUBJECT: VISUAL BASIC **PAPER NO:** XXIX
PERIODS/WEEK: TH___ PRACTICAL:___**TEST**(DATE):_____
WEEKS (TOTAL) : 15 **TUTORIAL** (DATE): _____

WEEK	TOPIC TO BE COVERED
1	Introduction, Installing VB, First Application, Tool Box, Property Editor, VB forms, Events, VB as Event-Driven Programming. Project explorer, errors, saving & reopening applications.
2	Controls and methods: Button, Labels, Text Box, Combo Box, Check Box, List Box, Option Button, Lines, Shapes, Frames, Timer, Picture Box, Image Control, Flex Grid
3	Common Dialog Control, OLE Control, Tab Control, Variables and their scope, Data Types
4	If…..Then….Else, For……Next, Do……..Loop, Case……Else, With…….End With, Msgbox, Input Box, API, Printing
5	VB Tools: Menus, Toolbars, Code Editor, ActiveXControls, Reference Manager, Project Templates
6	Databases: ADO, RDO, DAO
7	Visual Data Manager, Designing Tables, adding Data,
8	Adding Records, Deleting Records, Searching & Viewing Records
9	ADODC, coding for database project
10	Showing Records in grid, copying records to clip board.
11	VB and Internet
12	Sample VB Projects
13	Sample VB Projects
14	REVISION
15	TEST & TUTORIAL

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