Rayat Shikshan sanstha's

Sadguru Gadage Maharaj College, Karad

(An Autonomous College)

B.Com. I.T. Degree Course

Equivalence in accordance with Titles

(For semester pattern –Revised Syllabus) Sem-V

	Title of Old Paper	**Title of New Paper**
1	System Analysis & Design	System Analysis & Design
2	Enterprise Resource Planning Part I	Enterprise Resource Planning Part I
3	Application Development Tools Part I	Application Development Tools Part I
4	Web Technology Part I	Web Technology Part I
5	Lab Course V	Lab Course V
6	Entrepreneurship Development	Accountancy Paper- V

(For semester pattern –Revised Syllabus) Sem-VI

	Title of Old Paper	**Title of New Paper**
1	Software Engineering	Software Engineering
2	Enterprise Resource Planning Part II	Enterprise Resource Planning Part II
3	Application Development Tools Part II	Application Development Tools Part II
4	Web Technology Part II	Web Technology Part II
5	Lab Course V	Project Work
6	Modern Management Practice	Accountancy Paper- VI

- **Evaluation Pattern-**

➢ **Internal Evaluation For Theory Paper -40 Marks.**

i) Online /Offline Test- **15 Marks.**

ii) Attendance- **05 Marks.**

iii) Active participation in classroom activity- **05 Marks.**

iv) Home Assignments /Class test/ Project Work/Industrial Visit /Viva-**15 Marks**

➢ **Internal Evaluation For Practical Paper/ Project Work -40 Marks.**

i) Online Practical Presentation- **15 Marks.**

ii) Attendance- **05 Marks.**

iii) Active participation in Laboratory activity- **05 Marks.**

iv)Viva- **15 Marks**

- **Theory Examination -60 Marks for each semester and Paper of 2hr 30 Min each.**

Autonomous Syllabus Structure

1. College Name- **Sadguru Gadage Maharaj College, Karad**

2. Class- **B.Com Part-III (Information Technology) Semester-V**

3. Subjects, Paper No. & Paper Code ,Teaching & Examination Scheme-

Third Year (Semester-V)

Sr. No.	Subject /Paper	Paper Code	Teaching Scheme (Hrs/ Week)				Examination Scheme (Marks)		
			L	T	P	Total	CEE	SEE	Total
1	System Analysis & Design		4	-	-	4	40	60	100
2	Enterprise Resource Planning Part I		4	-	-	4	40	60	100
3	Application Development Tools Part I		4	-	-	4	40	60	100
4	Web Technology Part I		4	-	-	4	40	60	100
5	Lab Course V		--	--	4	4	40	60	100
6	Accountancy Paper - V		4			4	40	60	100

* CEE- Continuous Comprehensive Evaluation

** SEE-Semester End Examination

4. Year of Implementation-**w.e.f. June ,2021/22 onwards**

5. Pattern: Examination- **Semester-Wise**

6. Medium of instruction- **English**

7. Total Credit- **4**

8. Unite wise Syllabus ,with Reference Books, and Teaching Hours.

Subject:-System Analysis & Design

Paper Code-

Objective of Syllabus

1) Objectives-To impart the knowledge of Software Engineering and its application areas .

Sr. No.	Syllabus Unit (Under autonomy)	Learning Outcomes	Teaching Methods	Teaching Hours
1	**Introduction to System Analysis:** Definition of system, elements and characteristics of system, Types of system, Role and responsibilities of system analyst, Skill of system analyst.	Students will be aquatinted with Basic concepts of System	Lecture, PPT, Interactive Methods	10
2	**System Development Life Cycle**: SDLC, Process Models-Waterfall Model, Incremental model, Evolutionary Model, Prototype Model, Spiral Model, Concurrent Model.	Students will familiar with SDLC.	Lecture, PPT, Interactive Methods	**20**
3	**System Analysis-** Requirement Analysis –System planning and Initial Investigation, Feasibility study (Economic, operational, technical), Fact finding techniques (observations, record review, interviews, questionnaires,	Students will be know the areas of Fact finding techniques.	Lecture, PPT, Interactive Methods	**15**

	study of physical system). Analysis and Design tools: Data Flow Diagrams-(Guidelines, logical and physical), Decision Tables, Decision Trees, Entity Relationship Diagrams- Concept of Entity, Attributes, and Types of relations.			
4	**System Design, Implementation & Testing:** Process of design-logical and physical design Input and Output Design and their types, Normalization (First, Second, Third), Database Design (File structure, File Organization, Important types of file, Database/ file operation), data dictionary, System Implementation: Hardware and software selection, manual implementation, online implementation, real-time implementation, construction of system (Traditional approach, Incremental approach), Software Testing & Quality Assurance: (White Box, Black Box, Alpha, Beta), How to write Test Cases ,S/W maintenance, Case studies: College Admission system, Inventory Management System, Library system. Introduction to S/W Testing Tools- QTP, Selenium Tools,etc.	Students will be familiar with Testing and implementation of S/W.	Lecture, PPT, Interactive Methods	**15**

Reference Books-

1. System Analysis & Design- AWAD E.H.

2. System Analysis and Design – V.K. Jain (Dreamtech Pub.)

3. System Analysis & Design- Parthsarthy/ Khalkar.

4. Basic System Analysis and Design-Alan Denial & Don Yeats.

5. System Analysis & Design -Edwards Perry.

6.Software Engineering –Roger S.Pressman

Subject:-Enterprise Resource Planning Paper I

Paper Code-

Objective of Syllabus

1) Objectives- To impart the knowledge of ERP and its application areas .

Sr. No.	Syllabus Unit (Under autonomy)	Learning Outcomes	Teaching Methods	Teaching Hours
1	**ERP: An Overview:** Introduction, Evolution, Basic ERP concepts, Enterprise- An Overview, Role of Enterprise, What is ERP? Reasons for Growth of ERP, Advantages and Disadvantages of ERP, Risk in ERP implementations, Life cycle of ERP.	Students will be aquatinted with Basic concepts ERP	Lecture, PPT, Interactive Methods	15
2	**ERP & Related Technologies:** Introduction, Integrated Management Information, Business Modeling, Integrated Data model, Business Process Reengineering(BPR), Intranet &Extranet, Executive Information Systems(EIS), Data Mining, Supply Chain Management, Management Information System(MIS), Decision Support System(DSS),Online Analytical Processing, Product life cycle Management(PLM).	Students will familiar with ERP & its Related Technologies.	Lecture, PPT, Interactive Methods	15
3	**Online Analytical Processing (OLAP):**			

	Introduction to OLAP, Rules of OLAP, OLAP and Data Warehousing, Data Warehousing-Introduction to Data warehousing ,Advantages ,tools and techniques ,Benefits of GIS Uses of OLAP, Key Features of OLAP-i)Multidimensional views of Data, ii)Calculation intensive, iii)Time Intelligence, OLAP benefits, Different styles of OLAP.	Students will be know the Concepts of OLAP.	Lecture, PPT, Interactive Methods	**15**
4	**ERP Implementation:** Introduction, objectives, Phases- Pre-evaluation Screening, Package Evaluation, Project Planning Phase, GAP Analysis, Reengineering, Configuration, Implementation Team Training, Testing, Going Live, End-User Testing, Post-Implementation. Use of ERP implementation .	Students will be familiar with ERP implement ation	Lecture, PPT, Interactive Methods	**15**

Reference Books:

1. Enterprise Resource Planning by Alexis Leon (Tata McGraw-Hill)

2. ERP Demystified by Alexis Leon (Tata McGraw-Hill)

3. ERP in simple steps by Kogent Solution, Wiley- Dreamtech Publications

Subject:-Application Development Tools Paper I

Paper Code-

Objective of Syllabus

1) Objectives- To impart the knowledge of programming language .NET and its application areas .

Sr. No.	Syllabus Unit (Under autonomy)	Learning Outcomes	Teaching Methods	Teaching Hours
1	**Introduction to C# Basic.NET:** .NET framework Architecture ,CLR, CTS, CLS, JIT, FCL, The role of Microsoft interme diate Language and Metadata, Nam espace. Evolution of Dot Net frame work, C# IDE. Variable: Declaratio n, Initialization, constant: Declarati on, Initialization, data type, operato rs: Relational, Logical, Arithmetic, Assignment, Bitwise shift operators . Creating C#Applications.	Students will be aquatinted with Basic concepts of .NET framework.	Lecture, PPT, Interactive Methods	15
2	**ActiveX Controls:** Forms, text box, labels, button, radi o button, check boxes, list box and combo box, Timer Date Time Picker, group box, rich text, picture Box ,etc.	Students will familiar with forms and controls.	Lecture, PPT, Interactive Methods	15
3	**Control Statements: Branching & Looping:** Branching Statements: If-Then Stat ement(s), Select case Statements, L ooping Statements:	Students will familiar with Branching and Looping	Lecture, PPT, Interactive Methods	**15**

	For-Next, for each, While— End While, Do------loop while, Do-----loop until. Unconditional statement: Exit statement, and continue statement, procedures.	statements.		
4	**Arrays:** Working with Arrays, Redim and preserve statement, Rectangular array, Jagged array, Array class, List.	Students will be familiar with Arrays.	Lecture, PPT, Interactive Methods	**15**

Reference Books:

1. .NET 4.5 Programming-Black Book -Dreamtech Publication
2. 'ASP.NET in C# & VB.NET-Gaylord wenz,Rastogi Miranda,Haselman.
3. C# programming Barbara Doyle

Subject:-Web Technologies Paper I

Paper Code-

Objective of Syllabus

1) Objectives- To impart the knowledge of Web Technology and its application areas .

Sr. No.	Syllabus Unit (Under autonomy)	Learning Outcomes	Teaching Methods	Teaching Hours
1	**Introduction to Internet:** Introduction to internet, Applications of internet, Concept of WWW, Domain, Web browsers (internet Explorer , Firebox, qtr.), web servers and its types, Search engines (Google, MSN, and Yahoo), E-mail & chatting, TCP/IT. Difference between Http& Http's	Students will familiar with Internet and Search engines.	Lecture, PPT,Interactive Methods	**15**
2	**Basics of HTML:** Introduction, Features of HTML, Limitations, Tags and Attributes, Structure of HTML program, Headings and formatting tags, Paragraph; Font tags, List tag-ordered; unordered; definition,	Students will familiar with Web page designing.	Lecture, PPT, Interactive Methods	15

	Singular and paired tags - ; <HR>; <MARQUEE>, Hyperlink and Image tag, Other test effects tags.			
3	**Table and Frame Tags:** Table tags, Aligning entire table, Alignment of row, cell, content, Table attributes, Setting of background color, width, adding border, spacing with cell padding, rowspan, coloumspan, Insertion of Audio & Video files using <BGSOUND> and <EMBED>, Frames and its tags, Frameset, Targeting named frames, Creating floating frames.	Students will familiar with Table and Frame in HTML.	Lecture, PPT, Interactive Methods	**15**
4	**Forms and Basics of CSS:** Creating Forms, <FORM> tag, Form attribute, <INPUT> tag, Dropdown and list boxes, Text Area; Password, Button and Action button – submit, reset, Radio button and checkbox, Introduction to CSS, Inline; internal; external style sheets, CSS selector elements, Cross browser texting, User defined objects.	Students will get the knowledge of Basic CSS.	Lecture, PPT,Interactive Methods	**15**

Reference Books: -

1. HTML, Javascript, DHTML &PHP by Ivan Bayross- (BPB Publication)
2. HTML Black Book by Steven Holzner- (DreamTech Publication)

3. Web Technologies Black Book by Kogent Learning Solution (Dreamtech)

Subject:-Lab Courses based on Paper Application Development Tools-I and Web Technologies-I

Paper Code-

Objective of Syllabus

1) Objectives- To impart the knowledge of programming language .NET& Web Designing Technology and its application . .

Sr. No.	Syllabus Unit (Under autonomy)	Learning Outcomes	Teaching Methods	Teaching Hours
1	**Lab Course on ADT P-I:** 1) C# IDE 2)Programs based on operators 3)Programs based on branching statements 4)Programs based on .NET controls-Mark List, Sales and Purchase etc. 5)Programs based on arrays	Students will familiar with Basic Practical's on .NET	Experiments &Demonstration	35
2	**Lab Course on Web Technology P-I:** i)Print "Welcome to HTML" ii)Use text formatting tags, BOLD, ITALIC, and Underline iii)This is Heading Tag using different headings tag iv)Use paragraph tag and use link tag v)Procedure to run MS-Word	Students will familiar with HTML and its Tags.	Experiments &Demonstration	35

	using sequential/ordered list tag vi)List of state names using unordered list tag vii)Nested list of birds, animals and flowers viii)Display an Image ix)Create a simple table. x)Create a timetable format xi)Create table using cell spacing and cell padding xii)Nested table structure xiii)Simple HTML program using frameset tag			

Subject:- Accountancy Paper- V

Paper Code-

Objective of Syllabus

1).To know of various Advanced Accountancy Concepts.

Sr. No.	Syllabus Unit (Under autonomy)	Learning Outcomes	Teaching Methods	Teaching Hours
1	Unit-I: Introduction to Accounting Standards 1.1 Meaning, objectives and needofAccountingStandards,IntroductiontoIFRS,DistinctionbetweenIndianGAAPandIFRS 1.2 Selected Accounting Standards with Practical Problems AS-1-DisclosureofAccountigPrinciples AS-2-ValuationofInventories AS-7- Construction Contracts AS-9- Revenue Recognition AS-10- Accounting of Fixed Assets As-13-Accounting for Investment	Students will be aquatinted with Basic concepts of Accounting Standards and examples	Lecture, PPT, Interactive Methods	**15**
2	**Unit II: Branch Accounts** 2.1 Dependent Branch- preparation of Branch Account, Branch Trading and Profit and Loss Account 2.2 Stock and Debtors system	Students will be aquatinted with Basic concept of Branches and examples	Lecture, PPT, Interactive Methods	15
3	**Unit-III: Accounts of Holding Company** 3.1 Group Accounts up to two subsidiaries- AS-21 3.2 Collect consolidated financial statements from the website of any group of companies and arrange group discussion on it. If possible, visit the holding company of any group and try to understand consolidation process of financial statements	Students will be aquatinted with Basic concepts of All types of holding companies and examples	Lecture, PPT, Interactive Methods	**15**
4	**Unit-IV: Accounts of Co-operative Societies** 4.1 Consumer Co-operative Societies 4.2 Credit Co-operative Societies	Students will be aquatinted with Basic concepts	Lecture, PPT, Interactive Methods	**15**

	4.3 Dairy units as per Maharashtra State Co-operative Societies Act 1960	of co-operative societies and examples		

Reference Books : For Advanced Accountancy paper I

Advanced Accountancy- Shukla and Grewal

Advanced Accountancy-R.R.Gupta

Steps in Advanced Accountancy -Maheshwari

Advanced Accountancy-Jain and Narang

Advanced Accountancy-H.Chakraborty

Advanced Accountancy - S.P.Iyangar

Student's Guide to Accounting standards (Taxman)-D.S.Rawat

Semester-VI

Subject:-Software Engineering

Paper Code-

Objective of Syllabus

1). To know of various Software Engineering Concepts.

Sr. No.	Syllabus Unit (Under autonomy)	Learning Outcomes	Teaching Methods	Teaching Hours
1	**Software Engineering:** Definition and paradigms, a generic view of software engineering, **Process Models- Operational Process Model, V-Shaped Model, Extreme Model, Iterative Model**	Students will be aquatinted with Basic concepts of Software Engineering	Lecture, PPT, Interactive Methods	**15**
2	**Requirement Analysis:** Introduction to Requirements, Types of Requirements, Characteristics of Requirement, Preparation of SRS,Characteristics of SRS, Preparation for SRS i)Admission process ii) Mobile Shop iii) Inventory Management of	Students will familiar with System Requirements	Lecture, PPT, Interactive Methods	15

	Medical Shop. iv) Website, refinement and review. Analyzing a problem, creating a software specification document, review for correctness, consistency and completeness.			
3	**Software Design & Testing:** System Design, Problem Partitioning, Top-Down and Bottom-Up design; Software design: - Abstraction -Modularity – Software Architecture - Effective modular design -Cohesion and Coupling Functional vs. Object- Oriented approach. Testing : Levels of Testing, Integration Testing, and Structures testing - Black Box testing and white box testing, Unit testing, system testing, Validation and system testing Software quality, Software quality and its attributes ,macula's quality factors.	Students will familiar with design and testing Concepts.	Lecture, PPT, Interactive Methods	**15**
4	**Software Implementation & Maintenance:** Software Implementation, Relationship between design and implementation, Implementation issues and Maintenance as part of software evaluation, reasons for maintenance, types of maintenance (Perceptive, adoptive, corrective), Software Configuration Management -Concept, Baseline, SCM Process, version control and change management	Students will be familiar with implementation and Maintenance of S/W.	Lecture, PPT, Interactive Methods	**15**

Reference Books:

1. K.K.Aggarwal & Yogesh Singh "Software engineering", 2nd Ed., New Age International 2005.

2. I.Sommerville, "Software Engineering", Addison Wesley, 2002.

3. James Peter, W. Pedrycz, “Software Engineering: An Engineering Approach” John Wiley & S ons.

4. Software Engineering by Roger S Pressman

5. Software Engineering Jalote Wiley - India

6. Software Engineering by Pankaj Jhalotha

Subject:-Enterprise Resource Planning Paper II

Paper Code-

Objective of Syllabus

1) Objectives- To impart the knowledge of ERP and its application areas .

Sr. No.	Syllabus Unit (Under autonomy)	Learning Outcomes	Teaching Methods	Teaching Hours
1	**ERP Business Modules:** 1.1 Introduction 1.2 Finance 1.3Manufacturing and Production Planning 1.4 Human Resource 1.5 Material Management 1.6 Plant Maintenance 1.7 Quality Management 1.8 **Marketing And Service** 1.9 Sells and Distribution	Students will be aquatinted with Business Modules	Lecture, PPT, Interactive Methods	15
2	**ERP Market:** 2.1 Introduction	Students will		

	2.2 ERP market Place. 2.3 SAP AG 2.4 BaaN. 2.5 Oracle	familiar with ERP Market.	Lecture, PPT, Interactive Methods	15
3	**ERP – Present & Future:** 3.1 Introduction 3.2 Turbo charge the ERP system 3.3 Enterprise Integration Applications (EIA) 3.4 ERP and **E-Business** 3.5 ERP ,Internet and **WWW** 3.6 Future directions in ERP	Students will be familiar with the Present and Future Situations of ERP.	Lecture, PPT, Interactive Methods	**15**
4	**ERP Case Studies:** 4.1 SAP Application in manufacturing industory 4.2 Oracle at Cisco System 4.3 College ERP 4.4 Dairy ERP 4.5 Sugar Factory ERP	Students will be familiar with ERP Case Studies.	Lecture, PPT, Interactive Methods	**15**

Reference Books:

1. Enterprise Resource Planning by Alexis Leon(Tata McGraw-Hill)
2. ERP Demystified by Alexis Leon (Tata McGraw-Hill)
3. ERP in simple steps by Kogent Solution, Wiley- Dreamtech Publications
4. User Manual – SAP R/3. 5. User Manual – Oracle.

Subject:-Application Development Tools Paper II

Paper Code-

Objective of Syllabus

1) To impart the knowledge of programming language .NET and its application areas .

Sr. No.	Syllabus Unit (Under autonomy)	Learning Outcomes	Teaching Methods	Teaching Hours
1	**Working with Classes:** Console Based Programming: Introduction to classes, objects, Properties and methods, **Events**. Constructer, types of Constructer, Inheritance-single, multiple, multilevel	Students will be aquatinted with Classes in .NET	Lecture, PPT, Interactive Methods	15

	inheritance, **Hybrid. Destructor** Polymorphism-methods overloading, overr iding. **Abstraction, Encapsulation**. ,			
2	**Exception Handling:** Errors-Types of errors, Comparison between Errors & exception structured and unstructured exce ptions. Unstructured Exception- on error G oto, Resume, Resume Line, Resume next. Structured Exception: Try----Catch----EndT ry, Try---Catch----Finally ---End Try, Thro w keyword. Tracing Errors: Breakpoints,w atch window, quick watch window, autos	Students will familiar with Exception Handling.	Lecture, PPT, Interactive Methods	15
3	**Functions:** String Functions: Manipulation of string, f unctions for comparison, concatenation, co py, replace, substring, length, Date functio ns: Dateadd(). DateDiff(), DatePart(), Date value(), Day(), month(), monthname(), yea r(), Arithmetic functions.	Students will be know the Functions in .NET	Lecture, PPT, Interactive Methods	**15**
4	**ADO.NET:** Introduction to ADO.NET,ADO.Net Architecture, Types –Connected ,Dis-Connected, Components and features, Objects-Connection, Data adapter, Dataset, Datatable, datarow, datacolumn, datareader, server explorer, binding controls to database, ADO.NET Programming	Students will be familiar with ADO.NET	Lecture, PPT, Interactive Methods	**15**

Reference Books:

1. Visual Basic NET Black Book –Steven Holzner
2. Visual Basic NET Programming Bible-Bill Evjen
3. Beginning VB.NET-Wrox publication
4. Visual Basic NET-Rajendra Salokhe

Subject:-Web Technologies Paper II

Paper Code-

Objective of Syllabus

1) Objectives- To impart the knowledge of Web Technology and its application areas ..

Sr. No.	Syllabus Unit (Under autonomy)	Learning Outcomes	Teaching Methods	Teaching Hours
1	**Introduction to JavaScript:**			

	1.1 Introduction 1.2 Client Side & Server Side Scripting 1.3 Features of Javascript 1.4 Java Script Keywords 1.5 Data Types 1.6 Operators	Students will be aquatinted with Basic concepts JavaScript	Lecture, PPT, Interactive Methods	15
2	**JS Branching & Looping:** 2.1 Branching statement (if, if__else, Nested__if,etc.) 2.2 Looping: for, while, do…while 2.3 Object in Java 2.4 Events and events Handlers 2.5 Dialog Boxes 2.6 Built-in functions	Students will familiar with Branching and Looping Concepts.	Lecture, PPT, Interactive Methods	15
3	**Introduction to Server Side Scripting:** 3.1 Introduction 3.2 ASP: Advantages and Limitations 3.3 Server setup of ASP (IIS) 3.4 ASP Data types in VB Script 3.5 Operators and Keywords in VB Script	Students will be know the Concepts of ASP.	Lecture, PPT, Interactive Methods	**15**
4	**ASP Branching & Looping:** 4.1 Branching statements (if, if. Else, nested...If) 4.2 Looping: for, while, do... While 4.3 Objects in ASP 4.4 Events in ASP 4.5 GET & POST Method 4.6 Built-in functions	Students will be familiar with ASP branching and Looping Concepts	Lecture, PPT, Interactive Methods	**15**

Reference Books:

1. HTML, Javascript, DHTML &PHP by Ivan Bayross- (BPB Publication)
2. HTML Black Book by Steven Holzner (DreamTech Publication)
3. Web Technologies Black Book by Kogent Learning Solution (Dreamtech)

Subject:-Project Work

Paper Code-

Objective of Syllabus

1) Objectives-To Create a software Project based on IT Applications..

A group of maximum four students prepare a major software project under the guidance of internal teacher.Project report will be evaluated by the panel of two external teacher and there wi

ll be viva-voce examination for 70 marks.(Documentation – 20 Marks, Online Presentation-- 25 Marks, Viva-Voce -- 25 Marks.) The panel for viva-voice examination will be appointed by Examination Section. The student should prepare the project report on the work carried out by him/her. Guidelines for Project:

Number of Copies: The student should submit one Hard-bound copies of the Project Report.

Acceptance/Rejection of Project Report:-The student must submit an outline of the project(Synopsis) report to the college
for approval. The college holds the right to accept the project or suggest modifications for resub mission. Only on acceptance of draft project report, the student should make the final copies.

Format of the Project Report:

The student must adhere strictly to the following format for the submission of the Project

Report.

a. Paper:

The Report shall be typed on white paper, A4 size, for the final submission. The Report to be sub mitted to the must be original and subsequent copies may be photocopied on any paper.

b. Typing:

The typing shall be of standard letter size, 1.5 spaced and on one side of the paper only.

(Normal text should have Arial Font size 11 or 12. Headings can have bigger size)

c. Margins:

The typing must be done in the following margins:
Left -----1.5 inch, Right ----- 1 inch Top ----- 1 inch, Bottom ----- 1 inch

d. Front Cover: The front cover should contain the following details:

TOP: The title in block capitals of 6mm to 15mm letters.
CENTRE: Full name in block capitals of 6mm to 10mm letters.

BOTTOM: Name of the University, Course, Year of submission -all in block capitals of 6 mm to 10mm letters on separate lines with proper spacing and centering.

f. Blank Sheets:
At the beginning and end of the report, two white black bound papers should beprovided, one for the purpose of binding and other to be left blank.

g. Documentation Format

a) Cover Page

b) Institute/College Recommendation

c) Guide Certificate

d) Declaration

e) Acknowledgement

f) Index

g) Chapter Scheme

1) Introduction to Project -Introduction -Existing System -Need and scope of Com puter System Organization Profile

2) Proposed System -Objectives -Requirement Eng.
- Requirement Gathering - SRS

3) System Analysis -System Diagram - DFD - ERD - UML (if applicable)

4) System Design - Database Design - Input Design - Output Design

5) Implementation - System Requirement - Hardware - Software - Installation pro cess - User Guideline

6) Output (with valid Data) (Minimum 4 reports)

7) Conclusion and Suggestions - Conclusion - Limitations - Suggestion

8) References: -

I) Books: -

ii) Journals: -

iii) Periodicals and Newspapers: -

iv) Web

v) Questioner/Schedule (if used)

vi) Source code (Include Main Logic source code)

9.Unit wise Teaching of Methods-Lectures, Interactive ,PPT, Practical, Problem Solving.

10.Nature of Question Paper-

Total Marks -60

1) **All questions carry 12 Marks.**
2) **Attempt any Five questions out of Seven.**

Q1. Write Shorts answers (Any Two out of Three)	**12 Marks.**
Q2. Broad Question	**12 Marks.**
Q3.Broad Question	**12 Marks.**
Q4.Broad Question	**12 Marks.**
Q.5 Broad Question	**12 Marks.**
Q.6 Broad Question	**12 Marks.**
Q.7 Write short notes (any Two out of Three)	**12 Marks.**

11. Criteria of Passing-

- **14 Out of 40 in internal Evaluation.**
- **24 out of 60 in Theory Examination.**
- **40 out of 100 for total Examination.**

Subject:- Accountancy Paper- VI

Paper Code-

Objective of Syllabus

1).To know of various Advanced Accountancy Concepts.

Sr. No.	Syllabus Unit (Under autonomy)	Learning Outcomes	Teaching Methods	Teaching Hours
1	**Unit I : Amalgamation and Absorption** 1.1 Theory Accounting for Amalgamation, Absorption of companies as per AS-14. 1.2 Practical(1)Arrange group discussion on reasons of amalgamation and absorption and analyze any case study of amalgamation or absorption.	Students will be aquatinted with Amalgamation and Absorption and examples	Lecture, PPT, Interactive Methods	**15**
2	**Unit II : Internal Reconstruction** 2.1 Introduction of Internal Reconstruction 2.2 Causes for Internal Reconstruction 2.3 Accounting Entries on Internal Reconstruction	Students will be aquatinted with Reconstruction and examples	Lecture, PPT, Interactive Methods	15
3	**Unit-III: Accounting for Liquidation of companies-** 3.1 Process of Liquidation under Insolvency and Bankruptcy Code 3.2 Preparation of Liquidator's Final Statement of Account	Students will be aquatinted with Basic concepts of All types of Liquidation companies and examples	Lecture, PPT, Interactive Methods	**15**
4	**Unit IV: Farm Accounting** 4.1 Introduction and Meaning of farm accounting 4.2 Features of farm Accounting 4.3 Objectives of Farm Accounting 4.4 Preparation of accounts as related to farm business	Students will be aquatinted with Basic concepts of Farm Accounting and examples	Lecture, PPT, Interactive Methods	**15**

Reference Books : For Advanced Accountancy paper I

Advanced Accountancy- Shukla and Grewal
Advanced Accountancy-R.R.Gupta
Steps in Advanced Accountancy -Maheshwari
Advanced Accountancy-Jain and Narang
Advanced Accountancy-H.Chakraborty
Advanced Accountancy - S.P.Iyangar
Student's Guide to Accounting standards (Taxman)-D.S.Rawat

Nature of Question Paper

B.Com (Information Technology) Part II, Semester – V and VI
Accountancy Paper V & VI

Total Marks - 60

Instructions: 1) Que. No. 1 and 5 are compulsory.
2) Attempt any 2 Que. From Que. No. 2 to Que. No. 4

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Q. No. 1 Theory / Practical (Two Questions of 5 Marks each)	(10 Marks)
Q. No. 2 Practical Problem	(20 Marks)
Q. No. 3 Practical Problem	(20 Marks)
Q. No. 4 Practical Problem	(20 Marks)
Q. No. 5 Write Short Notes (Any 2 out of 4)	(10 Marks)