



SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA

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शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)

फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

Ref./SU/BOS/Com & Mgmt./ 7662

Date : 19/07/2019

To,

The Principal
Affiliated M. Com IT College
Shivaji University, Kolhapur

Subject : Regarding syllabi of M. Com. IT Part-II (Sem. III & IV) under the Faculty of Commerce & Management.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the University authorities have accepted and granted approval to the revised syllabi of M. Com.IT Part-II (Sem. III & IV) under the Faculty of Commerce & Management.

This syllabi and equivalence shall be implemented from the academic year 2019-2020 (i.e. from June, 2019) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (Online Syllabus).

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October / November 2019 & March / April, 2020. These chances are available for repeater students, if any.

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,

Dr. Registrar

Encl : As above

Copy to,

- | | | |
|---------------------------------------------------------|---|---------------------------------------|
| 1. I/c Dean, Faculty of Commerce & Management | } | for information |
| 2. Chairman, BOS under Faculty of Commerce & Management | | |
| 3. Director, BOEE | } | for information and necessary action. |
| 4. Appointment Section | | |
| 5. P. G. Admission Section | | |
| 6. O.E.1 Section | | |
| 7. Affiliation Section (U.G./P.G.) | | |
| 8. Computer Center/I.T. | | |
| 9. Eligibility Section | | |
| 10. Distance Education | | |
| 11. P.G. Seminar Section | | |



Estd. 1962
NAAC 'A' Grade

Faculty of Commerce and Management

Syllabus For

M. Com. (Information Technology)

(CBCS)

Part – II (Sem III & IV)

(To be implemented from June 2019 onwards)

(Subject to the modifications that will be made from time to time)

Revised Syllabus M. Com. (CBCS) Part-II

(Information Technology)

Semester – III

Compulsory Paper

Paper I : 301

Management Accountancy

(To be implemented from 2019-20)

Objective: To understand the application of accounting techniques for management.

Course Input:

Unit - I: Introduction-

Meaning of Management Accounting, Nature, Role of Management accounting in decision making, Management accounting vs Financial accounting, Tools and techniques of management accounting.

(10 Lectures)

Unit - II: Financial Statement – Meaning and Types of Financial Statements. Analysis of financial statement Comparative Statement Analysis, Common size Statement Analysis, Trend Analysis and Ratio Analysis Classification of Ratios advantages and limitations of accounting ratios.

Unit - III: Working Capital

Meaning Significance and determinants of working capital, operating cycle, Type of working capital, Estimation of working capital.

15

Unit - IV: Funds flow Statement & Case flow Statement:-

- a) Meaning of Fund and Funds Flow Statement, Identifying of flow of funds, Preparation of Funds Flow Statement.
- b) Meaning of Cash Flow Statement Cash and cash equivalents , Preparation of Cash Flow Statement. (AS-3)
- c) Difference between Funds Flow Statement and Cash Flow Statement.

Reference Books

1. Khan M.Y. and Jain P.K. Management accounting, Tata McGraw Hill, New Delhi
2. Charles T.Horngren, Introduction to management Accounting, Prentice Hall of India, New Delhi.
3. Horngren, Charles T. George Foster and Shrikant M. Daliar : Cost Accounting : A Managerial Emphasis, Prentice Hall, Delhi
4. Pandey I. M. Management Accounting, Vani Publication, Delhi. ‘
5. Welsch Glenn A., Ronald W. Hilton and Paul N. Gordon : Budgeting, Profit Planning and control, Prentice Hall, New Delhi.
6. Manmohan & Goyal : Principles of Management Accounting
7. Maheshwari: Principles of Management Accounting
8. Robet Anthony and Vijay Govindrajana - Management Control System

Distribution of Marks –

- | | | |
|-----------------------------|----------|------------------|
| 1. Theory | : | 32 Marks. |
| 2. Practical Problem | : | 48 Marks. |

Nature of Question Paper for
Management Accountancy Paper I & II

Instruction :-

- 1. Question No.1 & Q. No.2 are Compulsory.**
- 2. Attempt any Three Question from Q. No.3 to 6.**

Q. No.1.	a) Choose correct Alternative	8 Marks
	b) Fill in the Blanks	4 Marks
	c) State True or False	4 Marks
Q. No.2.	(A) Broad Question	8 Marks
	(B) Broad Question	8 Marks
	OR Short Notes (Any Four out of Six)	
Q. No.3.	Problem	16 Marks
Q. No.4.	Problem	16 Marks
Q. No.5.	Problem	16 Marks
Q. No.6.	Problem	16 Marks

M.Com. –Part-II (CBCS)
(Information Technology)
M.Com. II- Semester-III(CBCS)
Business Finance (Compulsory Paper)
Paper-I(Credits: 04) : 302
(To be implemented from 2019-20)

Objectives:

- 1) *To create awareness among the students about finance function and general principles of business finance.*
- 2) *To acquaint the students with various sources of finance.*

Unit-I: Environment of Business Finance:

A) Business Finance and Financial goal: Concept, scope and significance of Business Finance, **Financial goal:** Profit Maximization Vs Wealth Maximization, Relationship of finance with other areas of management

B) Finance Functions:- Managerial Functions- Investment decision, Finance decision, Dividend decision and liquidity decision and Routine Functions.

C) Capitalization: Concept and theories of Capitalization. **Over-capitalization and Under-capitalization:** Concept, symptoms, causes, effects and remedies.

(15hours)

Unit- II: Capital Structure:

A) Capital Structure: Meaning and cardinal principles of Capital Structure: Cost, Risk, Control, Flexibility and Timing

B) Factors influencing the capital structure

C) Trading on Equity (15 hours)

Unit-III: Sources of Finance:

A) Equity Shares, Sweat Shares, Employee's Stock Option (ESOP), Equity Shares with differential rights, Preference Shares, Debentures and Term Loans: Meaning, characteristics, merits, demerits and legal provisions,

B) Venture Capital: Concept, process, merits and demerits

C) Lease Finance: Concept, parties, mechanism and types

D) Project Finance: Concept, features and main parties(15 hours)

Unit-IV: Working Capital Management:

A) Working Capital: Concept, types and significance. Factors determining working capital requirements

B) Sources of Working Capital: Accruals, trade credit, commercial banks, public deposits, inter-corporate-deposits, short-term loans from financial institutions, commercial paper (CP) and factoring

C) Working Capital Management: Management of Cash, Liquidity, Receivables and Inventory (15 hours)

Books Recommended:

- 1) Financial Management-Rajiv Shrivastava and Anil Misra, Oxford University Press, New Delhi
- 2) Financial Management- Dr. Anil Kumar Dhagat, Kognet Learning Solutions Inc. ,Dreamtech Press , New Delhi
- 3) Finance Finance-Finance for Non-finance Executives, Prasanna Chandra, Tata McGraw Hill Education Pvt. Ltd., New Delhi
- 4) Essentials of Business Finance- Dr. R.M. Shrivastav
- 5) Corporation Finance- S.C. Kuchhal
- 7) Corporate Finance Policy- Guthmann and Dougall
- 8) Readings in Indian Financial Services- Digvijay

- 9) Corporate Finance- Brealey, Richard A. & Steward C Myers
 - 10) Financial Services in India- M.A. Kohok
 - 11) Financial ManagementTaxmann-Ravi M. Kishore, Allied Services Pvt. Ltd. New Delhi.
 - 12) Financial Management -PrassannaChandra,TMH, New Delhi
 - 13) Financial Institutions and Markets -Bhole L.M., TMH, N. Delhi.
- (Recent editions of the above books may be referred)*

M.Com. Part-II (Information Technology) Semester-III
Paper No: 303
Advance Database Technology

Course Outcomes:

The students of this course will be able to:

1. Identify the nature of data and need of database for an organization.
2. Design relational database to store organizational data properly.
3. Compare and select appropriate database model for an organization.
4. Differentiate between XML database and other database models.
5. Examine the importance of different emerging database models in an organization.

Marks : 80 Total		Hours of Teaching: 60	Theory: 40	Practical: 20
Unit I	RELATIONAL DATABASES AND ADVANCED SQL			10
a) Theory	The relational database model: tables, keys, integrity constraints, operators, primary key selection and functional dependencies, ER Modeling: Types of Entities, Relationships, Developing an ER Diagram. Advanced SQL: SQL functions, cursors, triggers, stored procedures, embedded SQL. Indexing and Query Optimization			
b) Practical	Case study based on Payroll system for preparing ER Diagram including database design and practical assignments based on cursor and trigger.			05
Unit II	OBJECT ORIENTED DATABASES			10
a) Theory	The extended entity relationship (EER) model: generalization, specialization, Concepts for Object Oriented Databases: Object Identity, Object structure, Type Constructors, Encapsulation of Operations, Inheritance, Object Database Standards, Languages and Design: ODMG Model, ODL, OQL.			
b) Practical	Case study based on College Admission System for preparing EER diagram including designing of Object oriented database for the same			05
Unit III	DISTRIBUTED DATABASE MANAGEMENT SYSTEM			10
a) Theory	Introduction to Distributed Database, Advantages of DDBMS, Special Functions of DDBMS, Fragmentation: Horizontal, Vertical, Mixed/Hybrid Fragmentation, Replication and allocation techniques for distributed database design. Query Processing in distributed databases, concurrency control and recovery in distributed databases.			
b) Practical	Case study based on design of Distributed database system for Inventory system of any manufacturing organization.			05
Unit IV	XML AND EMERGING DATABASE MODELS			10
a) Theory	XML Databases: Structured unstructured and semi structured data, XML hierarchical Data Model, XML Document DTD and XML Schema, XML Query. Emerging Database Model: Multimedia Database, Temporal Databases, Database on the World Wide Web, GIS Data Operations, Digital Libraries.			
b) Practical	Case study based on usage of xml database by hotel price comparison web sites (Trip Advisor, Trivago etc.)			05

Reference Books -

1. Database system concept Korth, Silberschatz and Sudarshan, MGH, 5th
2. SQL /PL SQL For Oracle 11G Black Book, Dr.Deshpande, WileyDreamtech2012
3. SQL, PL/SQL the programming language of Oracle, Ivan Bayross, BPB, 4th
4. Advance Database Management System, Chakrabharati/Dasgupta, Dreamtech 2011
5. Advanced DBMS, Rini Chakrabarti, S. Dasgupta, Subhash Shinde, Dreamtech
6. Beginning XML Databases, Gavin Powell, Wiley Publishing, 1st Edition
7. Designing XML Databases -Paperback, by Mark GravesPrentice Hall PTR, 2001

Web Resources

<https://www.slideshare.net/Jasour/advanced-database-lecture-nores>

<https://edutechlearners.com/advance-database-management-system-notes/>

<http://ecomputernotes.com/database-system/adv-database>

M.Com. Part-II (Information Technology) Semester-III
Paper No: 304

Research Methodology and Project Work

Course Outcomes:

The students of this course will be able to:

CO 1: Define various terms used in research process

CO 2: Describe research design, sample design and sampling methods

CO 3: Apply appropriate methods for data collection for research work

CO4: Use appropriate statistical tools for data analysis and interpretation

CO5: Understand the software project management process

Marks : 80 Total		Hours of Teaching: 60	Theory: 40	Practical: 20
Unit I	Research Fundamentals: Meaning, objectives & Motivation in research. Types of research – Research Approach. Research process (identification of research/management problem –, research question, statement of a research problem), Distinction between management problem and managerial research problems - relevance & scope of research in management.			10
a) Theory				
b) Practical	Discuss the research issues/problems in class for better comprehension. Prepare statement of a research problem for every social and managerial problems enlisted.			05
Unit II	Research Design: Features of good Design, Types of Research Design, Sampling Design steps in sample Design Characteristics of a good Sample Design, random samples & nonrandom sampling Design, determining size of sample. Statistical design. Measurement & scaling techniques- measurement scales, Errors in measurement. Scaling technique. Hypothesis – concept, definition, types of hypothesis, features of good hypothesis.			10
a) Theory				
b) Practical	Select any one statement of research problem out of above enlisted social or managerial problems and prepare a detailed research design. Design the research for small sample size.			05
Unit III	Data Collection and Analysis: Methods of data collection, Primary data – Schedule and questionnaire. Construction of schedule and questionnaire align with objectives framed. Collection of secondary data. Processing and analyzing data – Descriptive Analysis (Mean, Mode, Median, Standard Deviation, and Variance Analysis) Inferential Analysis ('t' test, Chi- Square test, F test), Testing of hypothesis – Procedure for hypothesis testing. Parametric and Non parametric test of hypothesis. Confidence level. Project report writing.			10
a) Theory				
b) Practical	Design schedule align with hypothesis and objectives framed. Collect data of minimum 30 samples. Use Ms-Excel for data analysis.			05
Unit IV	Project Management: Characteristics of project management, project plan and review project management, tools- CPM, PERT, Gant Chart, software project scheduling, software project team, Software quality metrics, Quality Assurance activities. Introduction to Software testing			10
a) Theory				
b) Practical	Case Study on PERT/ Gant chart, Software quality assurance. and software projects.			05

1. Research Methodology – C. R. Kothari
2. Research Methodology – Saranwala
3. Research Methodology in Management – Dr. V. P. Michael
4. Methods of Social Survey Research – Bajpai
5. Research Methodology in Commerce – S. Mohan, R. Elangovan, Deep & Deep, New Delhi
6. Research Methodology – R. PanneerSelvan, PHI
7. Research Methodology The Discipline & Its Dimensions – Jai Narain Sharma, Deep & Deep
8. Research Methodology Methods, Tools & Techniques – GopalLal Jain, Mangal Deep Pub. Jaipur
9. Methodology of Social Sciences Research – Dr. Raj Kumar – Book Enclave, Jaipur
9. Software Engineering - Roger S. Pressman
10. Software Project Management - Edwin Bennatan
11. Software Engineering - Martin L. Shooman
12. Principles of Software Engineering Management – Glib T (Add on Wesley)

Web Sites:

1. National Council of Applied Economic Research (NCAER) - <http://www.thinktankinitiative.org/think-tanks/NCAER>
2. IMRB - International - <http://www.imrbint.com/>
3. Google Scholar - <https://scholar.google.co.in/>

Suggested Research Journal:

1. Indian Journal of Marketing
2. Finance India
3. International Journal of Project Management
4. Software Project Management Journal

Semester – IV
Compulsory Paper
Paper II : 401
Management Accountancy
(Management Control System)

Objective :- To acquire knowledge of Management Control System and Techniques there under.

Unit - I: Management Control System-

- a) Meaning, Need, Importance and Scope of Management Control System, Management Control Process.
- b) Management Information System (MIS) – Meaning & Characteristics
- c) Reporting to Management – Types of Reports and Characteristics of good report.

Unit II: Marginal Costing:

Meaning and application of marginal costing, Break, even analysis, Cost Volume- Profit analysis, Decision making by using marginal costing – Make or buy decisions, shut down or continue decisions, shut down or continue decisions, Alternative course of action etc.

Unit -III: Budgetary Control :

Meaning of Budget & Budgetary Control, Objectives, Advantages & Limitations, Types of Budgets – Production, Sales, Cash, Master Budget, Fixed and Flexible budget, Capital Expenditure Budgeting, (Note: problems should be asked on cash budget, Flexible budget and capital budget only.)

Unit –IV: Standard Costing and Variance Analysis :

- a) Meaning of Standard Cost and Standard Costing, Advantages and limitations
- b) Variance Analysis – Material, Labour and Overheads.

Reference Books

9. Khan M.Y. and Jain P.K. Management accounting, Tata McGraw Hill, New Delhi
10. Charles T. Horngren, Introduction to management Accounting, Prentice Hall of India, New Delhi.
11. Horngren, Charles T. George Foster and Shrikant M. Daliar : Cost Accounting : A Managerial Emphasis, Prentice Hall, Delhi
12. Pandey I. M. Management Accounting, Vani Publication, Delhi. ‘
13. Welsch Glenn A., Ronald W. Hilton and Paul N. Gordon : Budgeting, Profit Planning and control, Prentice Hall, New Delhi.
14. Manmohan & Goyal : Principles of Management Accounting
15. Maheshwari: Principles of Management Accounting
16. Robert Anthony and Vijay Govindrajana - Management Control System

Distribution of Marks –

- | | | | |
|-----------|--------------------------|----------|------------------|
| 1. | Theory | : | 32 Marks. |
| 2. | Practical Problem | : | 48 Marks. |

Nature of Question Paper for
Management Accountancy Paper I & II

Instruction :-

3. Question No.1 & Q. No.2 are Compulsory.

4. Attempt any Three Question from Q. No.3 to 6.

Q. No.1.	a) Choose correct Alternative	8 Marks
	b) Fill in the Blanks	4 Marks
	c) State True or False	4 Marks
Q. No.2.	(A) Broad Question	8 Marks
	(B) Broad Question	8 Marks
	OR Short Notes (Any Four out of Six)	
Q. No.3.	Problem	16 Marks
Q. No.4.	Problem	16 Marks
Q. No.5.	Problem	16 Marks
Q. No.6.	Problem	16 Marks

M.Com. II- Semester-IV (CBCS)
(Information Technology)
Business Finance (Compulsory Paper)
Paper-II (Credits: 04) : 402

Objectives:

- 1) To familiarize the students about capital markets of India and portfolio management.*
- 2) To acquaint the students with the corporate restructuring and International finance.*

Unit-I: Capital Markets:

- A) Primary Capital Market:** Meaning, role and functions, Methods of selling corporate securities in primary capital market. Underwriting of Securities.
- B) Secondary Capital Market (Stock Exchange):** Meaning, evolution of stock market in India, Role and functions of stock exchange. Trading mechanism in stock market
- C) SEBI and Credit Rating:** Role of SEBI in regulating capital markets in India. **Credit Rating:** Meaning, need, credit rating agencies in India, Credit rating methodology.
- D) Depository:** Meaning, role, benefits and present position in India. National Securities Depository Limited (NSDL) and Central Depository Services India Limited (CDSL)(15 hours)

Unit-II: Mutual Funds, Portfolio Management and Micro Finance:

- A) Mutual Funds:** Concept, importance, **Types of Mutual Funds**-Money Market Funds, Income Funds, Bond Funds, Balanced Funds, Equity Funds, International Funds, Specialty Funds, Index Funds, Exchange-Traded Funds-Present position of Mutual Funds in India.
- B) Portfolio Management:** Meaning, importance, objectives. Various issues in portfolio construction, revision and evaluation
- C) Financial Inclusion:** Meaning, need and government policy
- D) Micro-Finance:** Concept, characteristics, need, present position in India. (15 hours)

Unit-III: Corporate Failure and Restructuring:

- A) Corporate Failure:** Meaning, causes and remedies
- B) Corporate Restructuring-** Meaning, forms- Mergers and Amalgamation, Acquisitions/ Take-over, Demergers, divestiture, Buy outs, Financial Restructuring, and Strategic alliances-meaning, benefits and legal procedure. (15 hours)

Unit-IV: International Finance:

- A) International Finance:** Concept and importance
- B) Foreign Institutional Investors (FIIs) and Foreign Direct Investment (FDI):** Concept, importance, government policy. Difference between FII and FDI
- C) Instruments of International Finance:** Brief introduction of various instruments like American Depositary Receipts (ADR), Global Depositary Receipts (GDR) Indian Depositary Receipts (IDR), Foreign Currency Convertible Bonds (FCCB) and Euro-Convertible Bonds (ECB)(15 hours)
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Books Recommended:

- 1) Financial Management-Rajiv Shrivastava and Anil Misra, Oxford University Press, New Delhi
 - 2) Financial Management- Dr. Anil Kumar Dhagat,Kognet Learning Solutions Inc., Dreamtech Press, New Delhi
 - 3) Finance Sense ---Finance for Non-finance Executives, Prasanna Chandra, Tata McGraw Hill Education Pvt. Ltd., New Delhi
 - 4) Investment and Securities Market in India- V.A.Avdhani
 - 5) Security Analysis and Portfolio Management- Sasidharan/ Mathews
 - 6) Security Analysis and Portfolio Management- PunithavathyPandian
 - 7) Portfolio Management Handbook- Robert A. Strong
 - 8)Stock Exchange and Investment- Raghunathan
 - 9) Stock Exchange Trading in India- Gupta L.C.
 - 10) Capital Issues, SEBI and Listing- Chandratre K.R
 - 11) Corporate Mergers, Amalgamations & Take Over- Verma J.C.
 - 12) Corporate Restructuring and Indian Perspective- Mattoo P.K
 - 13) International Business-Aswthappa, TMH, N. Delhi
- (Recent editions of the above books may be referred)*
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Nature of Question paper
(For Semester III and IV)

Total Marks: 80

Instructions: 1) Q. No. 1 and 2 are **compulsory**

2) Attempt **any three questions** from Q. No. 3 to 6

3) Figures to the right indicate **full marks**

Q.1: A) Multiple Choice Questions 8 marks

B) Fill in the Blanks 4 marks

C) State 'True' or 'False' 4 marks

Q.2: Short Answers. (Any Two out of Three) 16 marks

Q.3: Long answer 16 marks

Q.4: Long Answer 16 marks

Q.5: Long Answer 16 marks

Q.6: Short Notes (Any Two out of Three) 16 marks

Equivalence

Sr. No.	Title of Old Paper	Title of New Paper
1	Business Finance Paper-I (Sem-III)	Business Finance Paper-I (Sem-III)
2	Business Finance-Paper-II (Sem-IV)	Business Finance-Paper-II (Sem-IV)

M.Com. Part-II (Information Technology) Semester-IV
Paper No: 403

KNOWLEDGE MANAGEMENT

Course Outcomes:

The students of this course will be able to:

1. Explain the key theories and models that inform knowledge management
2. Critically apply theory to organizations in order to identify and justify effective knowledge management strategies and activities
3. Compare and select appropriate BI tool for effective knowledge management.

Marks : 80 Total		Hours of Teaching: 60	Theory: 40	Practical: 20
Unit I	Introduction of KM:			10
c) Theory	Definitions of data, information & knowledge, wisdom, Types of knowledge, knowledge analysis, knowledge life cycle, value of knowledge, Knowledge acquisition tools, global knowledge economy. KM Evolution. Drivers of KM - Knowledge-centric drivers, Technology drivers, Structural drivers, Process-focused drivers, Economic drivers – Creating Knowledge Edge. KM Strategy-Meaning, need and significance. Factors influencing Knowledge Management.			
d) Practical	Case Study on Knowledge Management Strategy for manufacturing and service organization.			05
Unit II	KM Architecture			10
c) Theory	Component architecture of Knowledge Management Systems, knowledge management in decentralized heterogeneous organizations, KMS Life Cycle, Challenges in building KMS, Phases in KM Life Cycle, KM Applications. Web based knowledge management support for document collections.			
d) Practical	Case study on Knowledge management challenges and architecture			05
Unit III	Organizational KM system development			10
b) Theory	Organizational knowledge management- Need, benefits types, components, functions, Knowledge mapping techniques. Knowledge creation, Nonaka model of knowledge creation and transformation, The people core, Identifying Knowledge Centers, The Technical core, Build In-home, buy or outsource model, Capturing Tacit knowledge – Evaluating the Experts, Developing relationship with Experts, The Interview as a tool, Guide to a successful Interview with the Expert, Knowledge indexing.			
c) Practical	Case study on Knowledge Mapping			05
Unit IV	Recent Tools and Applications of KM			10
d) Theory	Business Intelligence-Definition, concept and need of BI. BI tools- include data visualization, data warehousing,dashboards, and reporting. Intelligent support systems- intelligent systems an A.I. comparing artificial and neural Intelligence, conventional Vs. A.I. computing Fuzzy logic, , virtual Reality, KM applications.			
e) Practical	Case study on KM and AI implementation. Field work on –to study BI system in any organization.			05

Reference Books:

1. Knowledge Management – Sudhir Warier, Vikas Publications.
2. Knowledge Management Systems – Stuart Barnes, Thomson Learning.
3. Key issues in the New Knowledge Management – J.M. Firestone, M.W. Mcelroy.
4. Developing Expert System for Business – Chandler/Liang.
5. Knowledge Management – Pankaj Sharma, APH Pub.
6. “The knowledge Management Toolkit – Orchestrating IT, Strategy, and Knowledge
7. Platforms”, Amrit Tiwana, Pearson, Fifth Impression 2009, Education.
8. Knowledge Management-Elias M. Awad & Hassan M. Ghaziri Pearson publication

E-Books:

1. Case Studies in Knowledge Management- Murray E. Jennex
2. Essentials of Knowledge Mangement- Bryan Bergerson

Journal of Knowledge Management

1. International Journal of Knowledge Management Studies
2. Journal of Information & Knowledge Management

M.Com. Part-II (Information Technology) Semester-IV

Paper No: 404

Research Project in IT

Course Outcomes:

The students of this course will be able to:

1. Recognize issues in IT implementation.
2. Critically apply theory to issues in IT implementation in order to identify and justify effective IT implementation.
3. Design IT implementation framework for implementation of IS in business organization.

Student has to prepare the project report under the guidance of allotted guide. Student should prepare research project related to the IT implementation in various functional areas of management with respect to any organization. Principal of the college will decide the last date of submission of final copy. Student should submit two typed copies to the college (One copy for the college and another copy for his/her personal record. Students may prepare additional copies for the guide etc.) A viva-voce examination will be conducted after the Semester IV examination. Committee will be appointed by the University for Project Evaluation and viva-voce. A committee will consist of 3 members. (One expert is internal and two are external chairman will be from external experts and have to submit final marks to the university.

Project Report is to be evaluated for 100 marks by committee bifurcated as 60 Marks for project work and 40 Marks for Viva-Voce

UNIVERSITY GUIDELINES FOR PROJECT WORK:

1. A student has to take project work at the Sem.-IV.
2. Research project is done individually.
2. Student should take guidance from allotted guide.
3. Two copies of "Project Work" should be submitted to the principal of the college in stipulated time.
4. The nature of project work should be such that it could be useful for organization, industry and students as well.
5. The project report shall be duly assessed by the external committee appointed by university. shall be communicated by the Principal to the University after receiving the Seat Numbers from the University along with the marks of internal credit from theory and practical to be communicated for all other courses.
6. Student should not use logos and name of company on the project report pages.
7. Header and Footer shall consist of university name and institute name respectively. No other information should be included in the Header and Footer.
8. Use of colours in text matter should be avoided.

DETAILS OF PROJECT REPORT

TITLE: Title of research should be specific in nature, it should be short, crispy and should reflect management problem.

CONTENTS: The contents should be given in the following manner in tabular form

Sr.No	Chapter	Page No

- a. Serial number of the chapter.
- b. Heading of the chapter
- c. Page numbers.

Distribution of Marks: Project report viva voce of 100 Marks bifurcated into Project work - 60 Marks and Viva-Voce -40 Marks

FORMAT OF PROJECT REPORT

Preface

- a) Certificate of the college
- b) Declaration by Guide
- c) Declaration of Students
- d) Acknowledgement

Contents/ index

Heading of the chapter, page numbers, sub headings of the chapter.

Chapter I – Introduction to the study & Research Methodology

- 1.1 Introduction
- 1.2 Objective and importance of the study
- 1.3 Scope and limitations of study
- 1.4 Research Methodology

Chapter II – Theoretical Background

Chapter III – Introduction to the organisation

- a. Name of the unit
- b. Location or address of the unit
- c. Brief history of the unit and present position
- d. IT Infrastructure in organisation
- e. Organization chart

Chapter IV – Analysis or Interpretation of Data

Chapter V – Findings, Suggestions and Conclusions

Appendices

Bibliography

APPENDICES

The document charts, questionnaires, tables, schedules etc which are actually referred to in the body of the project report (this consists of chapters I to VI) are to be included under appendix or appendices. So, the appendices may include.

- a. Questionnaires used for collecting information.
- b. Schedules used for collecting information.
- c. Tables formed for presenting the data.
- d. Documents/forms etc., refereed to in the body of the project report.
- e. Diagram, graphs etc. referred to in the body of the project report.
- f. Guide student meeting record form.

BIBLIOGRAPHY

Bibliography means list of books, journals, published work actually referred to or used in the writing of the project report. This is not a separate chapter. The bibliography has to be written in a specific manner. It must be in the following manner.

The name of author (surname followed by initials), title of the book (is to be underline), year of publication, place of publication, number of the edition, name of the publisher in full (address), pages referred to. Or bibliography should be written following international standards as APA or MLM system.

Nature of Question paper
(For Paper No. 303,304 and 403))

Total Marks: 80

- Instructions:** 1) *Q. No. 1 and 2 are compulsory*
 2) *Attempt any three questions from Q. No. 3 to 6*
 3) *Figures to the right indicate full marks*
- | | | |
|--------------------------------------------|----------|----------|
| Q.1: A) Multiple Choice Questions | 8 marks | |
| B) Fill in the Blanks | | 4 marks |
| C) State 'True' or 'False' | | 4 marks |
| Q.2: Short Answers. (Any Two out of Three) | 16 marks | |
| Q.3: Long answer | | 16 marks |
| Q.4: Long Answer | | 16 marks |
| Q.5: Long Answer | | 16 marks |
| Q.6: Short Notes (Any Two out of Three) | 16 marks | |