|| अंतरी पेटवू ज्ञानज्योत ||

NORTH MAHARASHTRA UNIVERSITY, JALGAON

Syllabus for

BACHELOR DEGREE
of In e-COMMERCE

(SEMESTER I & II)

(w.e.f. July, 2001)

NORTH MAHARASHTRA UNIVERSITY, JALGAON

BACHELOR'S DEGREE of e-COMMERCE

1. Name of the degree :- Bachelor's degree of e-Commerce.
2. It is an integrated three years degree course.
3. This course shall follow semester pattern i.e. there shall be six semsesters in three years.
4. Need :- The present age of information technology has made a sweeping impact in the areas of Trade, Commerce ad Industry. The use of electronic media has overriding impact in all the fileds. So study of basic courses of Commerce, Management and Economics alone is not sufficient. The students of Cmmerce and Management must be well-equipped with the knowledge of coputers and different facets of E-Commerce. Functional proficiency, in the field of computers programming skills and knowledge of cyber laws is necessary for a commerce graduate if he has to stand successfully to the pressures of present needs of Industry and Trade. In the light of these requirements, *"Bacherlor's Degree in E-Commerce"* has been designed with a good blend of knowledge of computers, e-Commerce and core subjects of Commerce and Management.

5. Each semester shall consist of six paper of 100 marks each.
6. The weightage to lrelated areas of sutdy shall be as under:-
   i) Computer Information Technology, Programming skills - 1800 marks
   ii) Accountancy, Costing and Auditing - 600 marks.
   iii)Commerce and Management - 400 marks
   iv) Economics - 300 marks
   v) Mathematics and Statistics - 200 marks
   vi) Mercantile, Industrial, Corporate and Cyber Laws- 300 marks

7. Year wise break-up of weightage shall be as under :-

Sr.No.	Name of Course	Year I Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI
				II		III	
01.	Computers	300	300	300	300	300	300
02.	Accountancy & Costing	100	100	100	100	100	100
03.	Commerce & Mgt.	50	50	50	50	100	100
04.	Mercentile & Industrial Law & Corporate law	50	50	50	50	50	50
05.	Economics	50	50	50	50	100	50
06.	Mathematics & Statistics	50	50	50	50	--	---
	Total Marks	600	600	600	600	600	600

8. The semesterwise structures for computer courses shall be as under :-

SEMESTER - I

Paper- I   Elements of Information Technology.
Paper-II   Office Automation Tools.
Paper-III   Laboratory (Base on paper-I & paper-II - practical).
Paper-IV   Accountancy & Costing
Paper-V   Foundation Course in Commerce & Legal Environment of Business.
Paper-VI   Economics & Computational Skills.

SEMESTER - II

Paper-I   Programming in 'C++'
Paper-II   Internet and Web Designing Tools
Paper-III   Laboratory (based on paper-I & paper-II- Practical)
Paper-IV   Accountancy & Costing
Paper-V   Business Organization & Legal Environment of Business-II
Paper-VI   Economics & Computational Skills.

2

उत्तरमहाराष्ट्र विद्यापीठ, जळगाव

जा.क्र.उमवि/१२/ई-कॉम./१७२२/२००३

दिनांक-२४.०६.२००३

प्रति,

१) मा.प्राचार्य,मु.जे.महाविद्यालय,जळगाव

२) मा.प्राचार्य,डॉ.जी.डी.बेंडाळे महिला महाविद्यालय,जळगाव

३) मा.प्राचार्य,पां.ओ.नाहाटा महाविद्यालय,भुसावळ

४) मा.प्राचार्य,जयहिंद महाविद्यालय,देवपूर धुळे

५) मा.संचालक,केसीईएसचे,आय.एम.आर.,जळगाव

विषय:- बॅचलर ऑफ ई-कॉमर्स कोर्सच्या अभ्यासक्रम पुस्तिकेतील विषयांच्या नावातील

दुरूस्त्याबाबत...

संदर्भ:- १) उमवि/१२/ई-कॉमर्स/६९६/२००२, दिनांक-४.३.२००२

२)उमवि/१२/ई-कॉमर्स/७०९/२००२,दिनांक-२२.७.२००२

३)उमवि/१२/ई-कॉमर्स/९६६/२००२, दिनांक-२४.८.२००२ चे शुध्दीपत्र

महोदय,

उपरोक्त संदर्भिय पत्र क्र.१ अन्वये बॅचलर ऑफ ई-कॉमर्स या कोर्सच्या विषयांच्या यादीतील सत्र १ ते ५ मधील पेपर-१ Laboratory व सत्र ६ मधील पेपर-२ Laboratory या विषयांच्या नावात व क्रमवारीत बदल करण्याबाबत कळविण्यात आलेले आहे. तरी बॅचलर ऑफ ई-कॉमर्स सेमिस्टर-१ व सेमिस्टर -३ या दोन्ही सत्रातील Practical Course हे पेपर-२ वरच आधारीत असल्यामुळे सदर कोर्सच्या अभ्यासक्रम पुस्तीकेतील शिर्षकामध्ये खालीलप्रमाणे दुरूस्ती वाचावी.

सध्याचे शिर्षक:

सत्र-१ पेपर-VI-Practical (Based on Paper-I and Paper-II)

सत्र-३ पेपर-VI-Practical (Based on Paper-I and Paper-II)

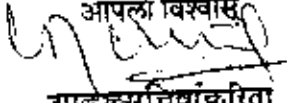### ऐवजी: नविन शिर्षक

सत्र-१ पेपर-VI-Practical (Based on Paper-II)

सत्र-३ पेपर-VI-Practical (Based on Paper-II) असे वाचावे

२. तसेच संदर्भिय पत्र क्र.२ मधील परिच्छेद २ व संदर्भिय पत्र क्र.३ चे शुध्दीपत्रकान्वये बॅचलर ऑफ ई-कॉमर्स सेमिस्टर ५ पेपर-५ Indian Economics (Paper-I) व सेमिस्टर-६ पेपर-४ Indian Economics (Paper-II) ऐवजी अनुक्रमे सेमिस्टर-५ पेपर-५ Indian Economy & Legal framework for Indian Industries (Paper-I) व सेमिस्टर-६ पेपर-४ Indian Economy & Legal framework for Indian Industries (Paper-II) अशी दुरूस्ती करण्याबाबत कळविण्यात आलेले आहे.

वरीलप्रमाणे नविन सुचविलेल्या विषयांमधील **Legal framework for Indian Industries** चा इतर पेपर्समध्ये समावेश झालेलाच असल्यामुळे मा.विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार व प्राप्त आदेशान्वये कळविण्यात येते की, सदर विषयांचे नाव पुर्वीप्रमाणे म्हणजेच सेमिस्टर-५ पेपर-५ **Indian Economics (Paper-I)** व सेमिस्टर-६ पेपर-४ **Indian Economics (Paper-II)** असे वाचावे.

कृपया उपरोक्त निर्णयानुसार वरील दोन्ही दुरूस्त्या सर्व संबंधितांच्या नजरेस आणून पुढील योग्य ती कार्यवाही करावी ही विनंती.

कळावे

आपला विश्वासू

उपकुलसचिवांकरिता

(शैक्षणिक,प्रवेश व पात्रता विभाग)

प्रत माहितीसाठी व योग्यत्या कार्यवाहीसाठी सादर:-

१) मा.अधिष्ठाता,वाणिज्य व व्यवस्थापन विद्याशाखा,उमवि,जळगाव

२) मा.चेअरमन, वाणिज्य व व्यवस्थापन विद्याशाखेंतर्गत येणारी सर्व अभ्यासमंडळे,उमवि,जळगाव

३) मा.परीक्षा नियंत्रक,परीक्षा विभाग,उ.म.वि.,जळगाव

४) मा.पध्दती विश्लेषक,संगणक विभाग, उ.म.वि.,जळगाव

५) मा.सहा.कुलसचिव,परीक्षा (वाणिज्य व व्यवस्थापन विद्याशाखा) विभाग, उ.म.वि.,जळगाव

६) मा.सहा.कुलसचिव,परीक्षा (गोपनीय) विभाग, उ.म.वि.,जळगाव

C:\ACADEMIC\sumiBCOMM.FAC. doc

।। अंतरी पेटवू ज्ञानज्योत ।।

उत्तर महाराष्ट्र विद्यापीठ, जळगाव

संदर्भ:उमवि/१२/ई-कॉमर्स/९६६/२००२   दिनांक-२४.०८.२००२

✤ शुध्दिपत्रक ✤

प्रति,

१) मा.प्राचार्य, मु.जे.महाविद्यालय, जळगाव

२) मा.प्राचार्य, डॉ.जी.डी.बेंडाळे महिला महाविद्यालय, जळगाव

३) मा.प्राचार्य, पी.ओ.नाहाटा महाविद्यालय, भुसावळ

४) मा.प्राचार्य, जयहिंद महाविद्यालय, देवपूर, धुळे

५) मा.संचालक, आय.एम.आर., जिल्हा उद्योग केंद्रामागे, जळगाव

विषय:-बॅचलर ऑफ ई-कॉमर्सच्या अभ्यास पुस्तीकेत पान-२ व पान-३ वर दुरुस्ती करणेबाबत.

संदर्भ:-१) उमविचे पत्र क्र.उमवि/१२/ई-कॉमर्स/न्यु.सि./२३५६/२००१, दि.१४/८/२००१

२) उमविचे पत्र क्र.उमवि/१२/ई-कॉमर्स/६९६/२००२, दिनांक-४.३.२००२

३) उमविचेपत्र क्र.उमवि/१२/ई-कॉमर्स/७०९/२००२, दिनांक-२२.७.२००२

महोदय,

उपरोक्त संदर्भिय पत्र क्र.३ मधील मुद्दा क्र.२ मध्ये बॅचलर ऑफ ई-कॉमर्स या कोर्सच्या विषयांची सुधारीत यादीत सेमिस्टर-५ मध्ये पेपर-५ Indian Economics & Legal framework for Indian industries (Paper-I) व सेमिस्टर-६ मध्ये पेपर-४ Indian Economics & Legal framework for Indian Industries (Paper-II) अशी विषयांच्या नावाची दुरुस्ती करुन घ्यावी असे कळविले होते. तरी उप रोक्त विषयांची नावे खालीलप्रमाणे वाचावित.

१) सेमिस्टर-५ मध्ये पेपर-५ Indian Economy & Legal framework for
Indian Industries (Paper-I)

२) सेमिस्टर-६ मध्ये पेपर-४ Indian Economy & Legal framework for
Indian Industries (Paper-II)

आपणांस विनंती की, उप रोक्त दोन्ही दुरुस्त्या संबधितांच्या नजरेस आणून योग्य ती कार्यवाही करावी.

कळावे.

आपला विश्वासू,

उपकुलसचिव
(प्रवेश/पात्रता विभाग)

प्रत माहिती व योग्यत्या कार्यवाहीसाठी:-

१) मा.अधिष्ठाता, वाणिज्य व व्यवस्थापन विद्याशाखा, उमवि, जळगाव

२) मा.चेअरमन, वाणिज्य व व्यवस्थापन विद्याशाखेंतर्गत असलेली सर्व अभ्यासमंडळे, उमवि, जळगाव

३) मा.परीक्षा नियंत्रक, उमवि, जळगाव

४) मा.संहा.कुलसचिव, परीक्षा विभाग, (वाणिज्य विद्याशाखा)उमवि, जळगाव

५) मा.सहा.कुलसचिव, परीक्षा (गोपनीय)विभाग, उमवि, जळगाव

६) मा.पध्दती विश्लेषक, संगणक विभाग, उमवि, जळगाव

C:\sun\BSTLL2002\E-Comm\S\II.doc

।।अंतरी पेटवू ज्ञानज्योत ।।

उत्तर महाराष्ट्र विद्यापीठ, जळगाव

संदर्भ:उमवि/१२/ई-कॉमर्स/७०९/२००२   दिनांक-२२.६.२००२

प्रति,

१) मा.प्राचार्य, मु.जे.महाविद्यालय, जळगाव

२) मा.प्राचार्य, डॉ.जी.डी.बेंडाळे महिला महाविद्यालय, जळगाव

३) मा.प्राचार्य, पी.ओ.नाहाटा महाविद्यालय, भुसावळ

४) मा.प्राचार्य, जयहिंद महाविद्यालय, देवपूर, धुळे

५) मा.संचालक, आय.एम.आर., जिल्हा उद्योग केंद्रामागे, जळगाव

विषय:-बॅचलर ऑफ ई-कॉमर्सच्या अभ्यास पुस्तीकेत पान-२ व पान-३ वर दुरूस्ती करणेबाबत

संदर्भ:-१) उमविचे पत्र क्र.उमवि/१२/ई-कॉमर्स/न्यु.सि./२३५६/२००१, दि.१४/८/२००१

      २) उमविचे पत्र क्र.उमवि/१२/ई-कॉमर्स/६९६/२००२, दिनांक-४.३.२००२

महोदय,

उपरोक्त विषयान्वये आपणास कळविण्यात येते की, संदर्भिय पत्र क्र.१ अन्वये बॅचलर ऑफ ई-कॉमर्स या पहिल्या कोर्सचा अभ्यासक्रम पुस्तीका पाठविण्यात आलेली आहे. सदर पुस्तीकेतील पान क्र.२ वर नं.७ मध्ये ५-Economics या विषयाच्या सेमिस्टर-५ मध्ये १०० मार्क्स व सेमिस्टर-६ मध्ये (-----) असे चुकून दर्शविण्यात आलेले आहे. तरी सदर विषयासाठी सेमिस्टर-५ व ६ साठी प्रत्येकी ५० मार्क्स देण्यात आलेले आहे. तरी सदर कोर्सच्या अभ्यासपुस्तीकेत अशी दुरूस्ती करून घ्यावी.

२.   तसेच संदर्भिय पत्र क्र.२ अन्वये बॅचलर ऑफ ई-कॉमर्स या कोर्सच्या विषयांची सुधारीत यादी पाठविलेली आहे. सदर यादीत सेमिस्टर-५ मध्ये पेपर-५ Indian Economics(Paper-I) व सेमिस्टर-६ मध्ये पेपर-४ Indian Economics(Paper-II) असे दिलेले आहे. तरी मा.विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सेमिस्टर-५ मध्ये पेपर-५ Indian Economics & Legal framework for Indian Industries (Paper-I) व सेमिस्टर-६ मध्ये पेपर-४ Indian Economics & Legal framework for Indian Industries (Paper-II) अशी दुरूस्ती करून घ्यावी.

आपणास विनंती की, उपरोक्त दोन्ही दुरूस्त्या संबंधितांच्या नजरेस आणून योग्य ती कार्यवाही करावी. कळावे,

आपला विश्वासू,

उपकुलसचिव
(प्रवेश/पात्रता विभाग)

प्रत माहिती व योग्यत्या कार्यवाहीसाठी:-

१) मा.अधिष्ठाता, वाणिज्य व व्यवस्थापन विद्याशाखा, उमवि, जळगाव

२) मा.चेअरमन, वाणिज्य व व्यवस्थापन विद्याशाखेअंतर्गत असलेली सर्व अभ्यासमंडळे, उमवि, जळगाव

३) मा.परीक्षा नियंत्रक, उमवि, जळगाव

४) मा.सहा.कुलसचिव, परीक्षा विभाग, (वाणिज्य विद्याशाखा), उमवि, जळगाव

५) मा.सहा.कुलसचिव, परीक्षा (गोपनीय)विभाग, उमवि, जळगाव

६) मा.वरदली विश्लेषक, संगणक विभाग, उमवि, जळगाव

Bachelor of e-Commerce

8. The semesterwise structures for Computer courses shall be as under (REVISED)

	SEMESTER-I
Paper-I	Elements of Information Technology.
Paper-II	Office Automation Tools.
Paper-III	Accountancy & Costing
Paper-IV	Foundation Course in Commerce & Legal Environment of Business.
Paper-V	Economics & Computational Skills
Paper-VI	Practical (Based on Paper-I & Paper-II)
	SEMESTER-II
Paper-I	Programming in 'C++'
Paper-II	Internet and Web Designing Tools
Paper-III	Accountancy & Costing
Paper-IV	Business Organization & Legal Environment of Business-II
Paper-V	Economics & Computational Skills
Paper-VI	Practical (Based on Paper-I & Paper-II)
	SEMESTER-III
Paper-I	Essentials of e-Commerce and Cyber Laws
Paper-II	Programming in Java (Part-I)
Paper-III	Accountancy & Financial Management-Paper-I
Paper-IV	Fundamentals of Mgt.& Legal Environment
Paper-V	Business Economics & Econometrics –Paper-I
Paper-VI	Practical (Based on Paper-I & Paper-II)
	SEMESTER-IV
Paper-I	Data Base Management System
Paper-II	Programming in Java (Part-II)
Paper-III	Accountancy & Financial Management-Paper-II
Paper-IV	Functional Mgt. & Information Technology Act-2000
Paper-V	Business Economic & Econometrics- Paper-II
Paper-VI	Practical (Based on Paper-I & Paper-II)
	SEMESTER-V
Paper-I	Oracle and D 2K
Paper-II	Introduction to ERP and E-Banking
Paper-III	Advanced Accountancy –Paper-I
Paper-IV	Development of Enterpreneurship & Mgt.
Paper-V	Indian Economics-Paper-I
Paper-VI	Practical (Based on Paper-I & Paper-II)
	SEMESTER-VI
Paper-I	ASP and CGI Programming
Paper-II	Advance Accountancy-Paper-II
Paper-III	Organisational Behaviour & Legal Framework for Indian Industries
Paper-IV	Indian Economics Paper-II
Paper-V	Practical (based on paper -I)
Paper-VI	Project dependent on e-Commerce & Viva-voce

C:\sunil\COMMFACULTY\commngt.doc

9. Eligibility - Any candidate who has passed H.S.C. or equivalent examination of recognized board with minimum 45% marks or who has passed a diploma course of recognised technical board.

10. Medium of Instruction :- English only.

11. Assessment :- Each paper at each semester except Laboratory paper shall be as under :-

   a) External 60 marks with three hour duration.
   b) Internal 40 marks and based on at least two tutorials and one test.
   c) Laboratory course shall be of 100 marks with external examination only.

12. Each student shall have to complete the project work in Semester-VI. The student is expected to prepare a project report in three copies to be submitted for assessment before 28th February of that year.

——— x ———

4

NORTH MAHARASHTRA UNIVERSITY,JALGAON

BACHELOR OF e-COMMERCE
Sem-I   Paper- I

ELEMENTS OF INFORMATION TECHNOLOGY

Computer fundamentals: Defination of computer, characteristics of computer, types of computer(Analog, Digital, Hybrid) Block diagram of computer.

Peripheral devices : Input devices- key board, mouse, Ouiput devices- Console, printers (dot matrix, line,inkjet, laser) Secondary storage devices- Magnetic tape, floppy disk, CD-ROM, DVD

Date Representation : Decimal number, binary number, conversion of decimal to binary number and vise-versa, EBCDIC code, ASCII code.

Computer languages :   Machine language, assembly language, high level language, object oriented language, language processor.

Operating system : Defination of an operating system, functions rf an operating system, types (DOS,WINDOWS NT. UNIX/LINUX)

Programming fundamentals: Algorithm, flowchart, concept of program.

Data processing techniques: Concepts of file, record , field, data, information.
File organizations- Sequential, index sequential, random, direct, relative.
File handling functions- Insertion, deletion, sorting, merging , indexing, updating.

Concepts of networking - Introduction to computer network, essentials of computer network, type of network (LAN, MAN,WAN, INTERNET)

Date communication -   Concepts of communication, means of communication, types of communication,OSI-7 layers, topologies, protocols, TCP/IP

Refrences:
1. Fundamental of computers: V.Rajaraman,
2. Information Technology (O Level) V.K.Jain
3. Computer and commonsense: Hunt, Shalley
4. Tech yourself. The Internet in 24 hours: Techmedia.

NORTH MAHARASHTRA UNIVERSITY, JALGAON

BACHELOR OF e-COMMERCE
Sem-I   Paper- II

Office Automation Tools

WINDOWS. 98
WINDOWS BASICS

Important features of windows, operating system, Differences between windows 3.x windows 98, difference between DOS and windows operating systems, differences between a window and a dialog box To start windows, To Exit windows;

Meaning of the following terminologies :- Desktop, active desktop, applet, cursor, driver, icon, windows, recycle bin, clicking, dragging, dialog box, dropping. Concept of file and folders, To create a new folder, To rename an exiting folder, To delete a folder, To creat a new file, To rename an exiting file, To delete a file, To copy a file from one folder to another, To move a file from one folder to another, To display file names of a folder, To add, use and delete fonts.

Word Processing with WORD :- Word Basics Undo, Redo, Repeat, Inserting, replacing, formatting, copying and copying text from one word document to another printing Autoformat.

Working With Headers, Footers and Footnote:- Tabs, Tables and sorting, converting text to tables and vice versa sorting, working with graphics, importing graphic, sizing and cropping graphics with picture command, using words drawing features, drawing object, call outs, filing, wizards, sample documents, writers tools, typing symbol and special bulleted list commands, spellchecker, auto correct, auto text, grammar checker, word count, and other statistics, table of content, creating an index, macros, introduction to mail merge.

EXCEL BASICS : The usual spreadsheet features. Overview of excel features, creating a new selecting cell, rearranging worksheet, moving cell, deleting part of a worksheet, clearing parts of a worksheet, excel page setup, changing column, using border buttons and commands, changing colors and shading, inserting and removing page break, hiding rows and columns, working with multiple worksheet, viewing multiple windows, summarizing information from multiple worksheets.

An introduction to functions :- Parts of a function, functions requiring add-inns, the function wizard, examples of functions by category, error message from functions, excels chart features, chart part and terminology, instant chart with the chart wizard, creating, rotating, deleting chart, setting a default chart type, working with graphics with excel, excel slide show, excel command micro, using worksheet as
database, sorting excel database, cross tabulating database, automating what-if project.

Power point Basics :- terminology, power point template, creating power point presentation, auto content wizards, adding slides, working with text in power point, editing and moving text, working with out line view.

NORTH MAHARASHTRA UNIVERSITY, JALGAON

BACHELOR OF E - COMMERCE

Semester 1 Paper IV

Section 1   (Marks 50)

COURSE 1.4   ACCOUNTANCY & COSTING

1. Elements of Accounting :
    Types of Accounts - Journal - Ledger - Trial Balance - Rectification
    of errors - Bank Reconciliation.

2. Closing and Adjustment entries for finalization of accounts -
    Preparation of Adjusted Trial Balance -
    Closing Journal entries and Adjustment Journal entries such as - Stock
    adjustments - Pre - paid - payable - Receivable - Received in advance
    - Bad-debts - R.D.D. and Discount - Sale or Return - Fire loss -
    Samples - Goods in transit - Depreciation etc.

3   Depreciation Accounts - Fixed Installment Method, Sinking Fund
    Method and Reducing Balance Method.

4. Accounts of Non-Trading concerns.

    a. Preparation of Income and Expenditure Account and Balance Sheet
        from Receipt and payment Account and vice-versa.

    b. Preparation of Income and Expenditure Account and Balance Sheet
        from Trial Balance.

    c. Preparation of Opening and Closing Balance Sheet from Income &
        Expenditure Account and Receipts & Payments Account.   (50 marks)

-----******-----

NORTH MAHARASHTRA UNIVERSITY, JALGAON

BACHELOR OF E - COMMERCE

Semester I Paper IV

<u>Section II</u>   (Marks 50)

COURSE 1.4   ACCOUNTANCY & COSTING

1   Costing and Cost Accounting.
     Definition, need, features, objectives, uses and limitations - Cost
     accounting vis-a-vis other forms of Accounting - Cost Accounting and
     Financial Accounting - Cost Accounting and Management
     Accounting.

2   Basic Concepts in Cost Accounting -
     Cost-Expenses - Loss. Cost Unit, Cost Centre - Types of Costs.

3   Cost Sheet -
     Total and per unit cost - Preparation of estimates, quotations, and
     Tenders

4   Stores control - Economic order quantity. setting various levels for
     material.

     Accountancy   -   50 marks
     Costing   -   50 marks

-----******-----

8

NORTH MAHARASHTRA UNIVERSITY, JALGAON

BACHELOR OF e - COMMERCE

(Marks 50)

Semester I Paper V

Section 1

COURSE 1.5   FOUNDATION COURSE IN COMMERCE

1.1   CONCEPTS -
Trade, Aids to Trade, Commerce, Industry, Business

1.2   Stages in Evolution of Commerce, Recent trends in Evolution of Commerce.

1.3   Forms of Business Organization -
Sole Proprietor, Partnership, Company, Co-op. society.

2   Aids to Trade: Meaning, Scope and Importance - Banking, Insurance, Transport, Warehousing, and Communication.

3.   Service Sector -

> Nature of Service Sector,
> Characteristics of Services,
> Classification of Services,
> Services Sector in Indian Economy,
> Role and Importance,
> Future Trends.

------******-----

9

NORTH MAHARASHTRA UNIVERSITY, JALGAON

BACHELOR OF E - COMMERCE

Semester I Paper V

Section 2   (Marks 50)

COURSE 1.5   LEGAL ENVIRONMENT OF BUSINESS

Indian contract Act, 1872

i)   Nature and Kinds of Contract

ii)   Offer, Acceptance and Consideration

iii)   Capacity of Parties

iv)   Free Consent of Parties

v)   Contingent Contract

vi)   Performance and Discharge of Contract

vii)   Breach of Contract

viii)   Remedies for Breach of Contract

ix)   Quasi Contract

_____******_____

NORTH MAHARASHTRA UNIVERSITY, JALGAON

SYLLABUS FOR F.Y. E - COMMERCE

Semester I Paper VI

Section I   (Marks 50)

COURSE 1.6   ECONOMICS & COMPUTATIONAL SKILLS

Lect.

1.0   Introduction of Economics.   (10)

1.1   a)   Definitions
      b)   Subject Matter
      c)   Scope

1.2   Basic Economic problems and production possibility curve.

1.3   Some common concepts and techniques.
      a)   Economic Variables
      b)   Linear and Non-Linear Functions
      c)   Graphing the functions
      d)   Total average and material values.
      e)   Plant firm and Industry

2.0   Theory of Demand   (10)

2.1   Basic of consumer demand
      a)   Utility maximization - marshallian approach
      b)   Consumer demand and market demand
      c)   The price Elasticity of demand

2.2   Demand forecasting
      a)   Meaning
      b)   Methods
      c)   Significance

3.0   Theory of Production and costs   (12)

3 1   Production Analysis
      a)   Production function
      b)   Short run production function
      c)   Long run production function
      d)   Cost minimization input combination

3 2   Cost Analysis
      a)   Private costs and social cost
      b)   Opportunity cost
      c)   Long run and short run costs
      d)   Analysis of economics of scale

4.0   The theory of firm and Industry behaviour   (12)

4 1   Perfect competition
      a)   Features
      b)   Short run equilibrium of the firm
      c)   Shut-down point and break-even point
      d)   MC and supply curve

_____******_____

NORTH MAHARASHTRA UNIVERSITY, JALGAON

SYLLABUS FOR F.Y. E - COMMERCE

Semester I   <u>**Section II**</u>   **(Marks 50)**

COURSE 1.6   ECONOMICS & COMPUTATIONAL SKILLS

1. Commercial Arithmetic's -
    Ratio, Proportion and Calculation of interest with product method.
2. Introduction to mathematical logic proposition, conjunction, disjunction, Implication Equivalence, Equivalence of logical statements, law of excluded middle, Truth Table, Tautology and contribution simple problems only.
3. Permutation and combination -
    Concept of permutation and combination simple practical problems on use of formulae npr and ncr. Proofs of above formulae are not expected.
4. Probability - Basic Terminology - Addition and Rate and Multiplication Rule - Conditional probability (simple problems only)
5. Introduction to statistics -
    Concepts of population, sample data, primary data, secondary data, variable, Attribute, frequency distribution.
6. Business Diagram
    Simple bar diagram, Multiple bar diagram, Percentage bar diagram, Pie diagram.
7. Concept of average and dispersion mean, variance, standard deviation, co-efficient of variation, combined and combined S.D. (Only for 2 groups)
8. Index number
    Meaning of Index number, Type of index numbers, Price Quantity Value Index Numbers, Caspayres, Peaches and Fishers, Index Numbers.

-----******-----

NORTH MAHARASHTRA UNIVERSITY JALGAON

BACHELOR OF e-COMMERCE
Sem-II   Paper- I

Programming in C++

1. **Introduction** : Difference between C, C++. The Object-Oriented Approach, Object Oriented Methodologies in Analysis. Design an din Programming Characteristics of ObjectOriented Languages.Classes, Object, Encapsulation, Inheritance. Polymorphism, C++ and C.

2. **Structures** : An Introduction, Other Structure Features, Structures within Structures, Enumerated Data Types.

3. **Functions** : Simple Function, Passing Arguments to functgions, Returning Values from Functions,Reference Arguments, Overloaded functions. Address of an overloaded function, passing an address of an overloaded function as an argument to another function, Inline functions, default Arguments, variables and Storage Classes.

4. **Objects and Classes** : A Simple Class Difference between class, structure and union in C++, C++objects. Constructors and Destructors Concept of an ADT, Constant member functic Object as function Arguments, Returning Objects from Functions, Classes, Objects and Memory, Static Class Data.

5. **Operator Overloading** Introduction, Overloading, Unary and Binary Operators, concatenating Strings, Comparison operators. Arithmetic Assignments Operators, Data Conversion-Between Basic Types, Between Objects and Basic Types. When to Use What.

6. **Inheritance** :- Derived Class and Basic Class. Derived Class Constructors, Class Hierarchies, Public and Private Inheritance, Multiple Inheritance, Containership-Classes within Classes. Inheritance and Program Development.

7. **Pointers** : The Delete and New Operator, Pointers to object, An Arry of Pointers Objects, Pointers to Pointers, Debugging Pointers, Didfference Between pointer and refrences.

8. **Virtual Functions and other subtleties** : Virtual Function. Pure Virtual Functions, Friend Functions, Static Functions, Assignment and copy Initialization. The Copy constructor, The thi Pointer, Abstact classes.

9. Introduction to templetes and exception handling. function with Templates.

10. **Files and Streams:** Streams, String I/O, Character I/O, file Pointers Error Handling, Redirection, Command-Line Arguments, Pointer Output, Overloading the << and >> Operators.

NORTH MAHARASHTRA UNIVERSITY, JALGAON

BACHELOR OF e-COMMERCE

Sem-II   Paper- II
Paper:- Internet fundamentals and WEB designing Tools

Concepts of Networking LAN , MAN, WAN
Basic requirement for internet
Moderms, browsers, gateways, bandwidth, leaslines, ISP, voice mail.
domain address types
TCP /IP setting for internet
Internet Security: Firewalls
Mail services
HTML
Web Designing fundamentals
Introduction to MTML, internet protocol, communication on the Internet, URLs in HTML
Document structure Elements in HTML
Block Formatting Elements (Font, Color, Size)
MARQUEE Elements
List Elements
Form Elements
Input elements, Select elements, Option elements, character formatting.
Information Type elements
Introduction to Table Elements
BORDER
CELLSPACING
ALLIGN
BGCOLOR
Table and style sheets
Introduction to frames and dynamic documents
Introduction to Web publishing
Interface Design
Establishing links
Page Design
uses of GIF and JPEG files
creating a simple homw page and site

NORTH MAHARASHTRA UNIVERSITY, JALGAON

BACHELOR OF E - COMMERCE

Semester II Paper IV

Section I   (Marks 50)

COURSE 2.4   ACCOUNTANCY & COSTING

1. Self Balancing and Sectional Balancing.

2. Depreciation methods - Annuity, Revaluation, Depletion method.

3. Preparation of final Accounts from incomplete records -

    a) Statement of affairs method.

    b) Conversion method.

4. Piecemeal distribution on dissolution of partnership firm -

    a) Surplus capital method.

    b) Maximum loss method.

5. Investment -
   Preparation of Investment account from fixed interest bearing securities.

-----******-----

NORTH MAHARASHTRA UNIVERSITY, JALGAON

BACHELOR OF E - COMMERCE

Semester II Paper IV

<u>Section II</u> (Marks 50)

COURSE 2.4   ACCOUNTANCY & COSTING

1. Elements of Cost - Classification of cost on various criterias - Element wise, contralability - Normality - Behavioural - Nature wise - Functional - direct - Indirect.

2. Material -

   a) Importance of Material Accounting and Control.

   b) Procedure and documentation of Purchasing and Storekeeping - Documents like - Purchase Requisition, Purchase Order, Goods received note, Inspection Report, Rejection Report, Material Requisition, Material Transfer note and Material Return note. etc.

   c) Stores Accounting - Pricing of issues under LIFO, FIFO, Weighted Average and Simple Average methods.

   d) Continuous Stock taking system - Perpetual Inventory system.

Accountancy	-	50 marks
Costing	-	50 marks

-----******-----

NORTH MAHARASHTRA UNIVERSITY, JALGAON

BACHELOR OF E - COMMERCE

Semester II Paper V

Section 1 (Marks 50)

COURSE 2.5   BUSINESS ORGANIZATION

1   ORGANIZATION :
Meaning and Nature,
Definition, Need and Importance,
Theories and Principles of Organization,
Functions of Organization

2   ORGANIZATION STRUCTURE:
Concept, Features and Principles,
Designing of Organization Structure,
Departmentation,
Delegation,
Centralization and Decentralization.

3.   FORMS OF INTERNAL ORGANIZATION:
Formal and Informal Organization,
Line, Staff, Line and Staff,
Committee Organization.

4   APPROACHES TO ORGANIZATION:
Classical,
Behavioural and
Systems approach.

-----******-----

NORTH MAHARASHTRA UNIVERSITY, JALGAON

BACHELOR OF E - COMMERCE

Semester II Paper V

<u>Section 2</u>   (Marks 50)

COURSE 2.5   LEGAL ENVIRONMENT OF BUSINESS

INDIAN COMPANIES ACT, 1956.   (30 Marks)

i)   Definition of Private and Public Companies,
ii)   Types of Companies - Comparative Study,
iii)   Memorandum and Articles of Association,
iv)   Prospectus, Allotment of Shares, Share Certificate, Rights of
        Members.
v)   Incorporation Certificate and Commencement of Business Certificate.
vi)   Directors - Appointment, Duties, Rights, Responsibilities,
        Remuneration, Interest, Directors and Managing Directors.
vii)   Meetings of Shareholders - Statutory, Annual, General, Extra-
        Ordinary, General and Requisition General Meetings.
viii)   Meetings of Board of Directors

NEGOTIABLE INSTRUMENTS ACT, 1881.   (20 Marks)

i)   Negotiable Instrument - Kinds and Nature.
ii)   Parties of Negotiable Instruments.
iii)   Holder and Holder in due course.
iv)   Negotiation - Types of Endorsement.
v)   Dishonour of Negotiable Instrument - Bill of Exchange, Cheques.
vi)   Consequences and Remedies for dishonour of Bill Exchange and
        Cheques.

------******------

NORTH MAHARASHTRA UNIVERSITY, JALGAON

SYLLABUS FOR F.Y. E - COMMERCE

Semester II Paper VI

Section I   (Marks 50)

COURSE 2.6   ECONOMICS & COMPUTATIONAL SKILLS

1 0   Monopoly Market   (10)

1 1   Features
    a)   Short run and log run equilibrium of monopoly firm.
    b)   Price discrimination under monopoly
    c)   Dumping

1 2   Monopolistic competition
    a)   Assumptions
    b)   Equilibrium of firm
    c)   Excess capacity

2.0   The theory of income distribution.   (12)

2 1   Functional distribution of income
    a)   Factors of production and their features
    b)   Marginal revenue product and demand for input
    c)   Factor pricing under perfect competitive market

2 2   The division of factor earnings
    a)   Rent
    b)   Transfer earning

3.0   Labour and Capital   (12)

3.1   Meaning of Labour
      a)   Supply of Labour
      b)   Determinants of Wages
      c)   Effects of labour union on wages

3.2   Meaning of capital
      a)   Return on capital
      b)   The rate of interest

3.3   Profit meaning - Risk and uncertainty, Innovation and Profit

4.0   Analysis of Pricing practices   (10)
      a)   Full cost pricing
      b)   Limit pricing
      c)   Peak load pricing
      d)   Pricing and product life cycle
      e)   Purpose and Impact of Advertisement
      f)   Product differentiation

Reference Books

1.   Economics - Prof. Paul Samuelson

2.   An Introduction to positive Economics - R.G.Lipsay (8th Edition)

3.   Managerial Economics - D.N. Dwivedi

4.   Fundamentals of Business and Managerial Economics - D.M. Mithani

5.   Managerial Economics - Joel Dean

-----******-----

NORTH MAHARASHTRA UNIVERSITY, JALGAON

SYLLABUS FOR F.Y. E - COMMERCE

Semester II

<u>Section II</u>   (Marks 50)

COURSE 2.6   ECONOMICS & COMPUTATIONAL SKILLS

1   CPM - PERT

2   Transportation

3   L.P.P

4   Measures of Central Tendency - Arithmetic Average - Simple and
     Weighted Average - Upto-grouped data

5.   S.Q.C. - Definition - Types - Techniques - Control Charts

-----******-----