Certificate Course – Syllabus

Don Bosco College of Arts and Science

Keela Eral

Department of Mathematics

Certificate course

Mathematics for Competitive Examinations – I

DEPARTMENT OF MATHEMATICS

Certificate course

Mathematics for Competitive Examinations – I

Target Learners:

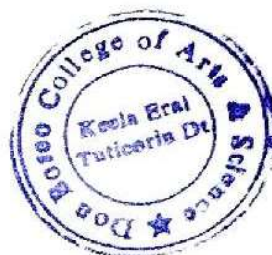> First year students of B.Sc Mathematics Students

Objectives:

> To learn the problems solving techniques for aptitude problems

> To enable the students prepare themselves for various competitive examinations

Duration:

Teaching	60 Hours (12 Hours/Unit)
Odd Semester	30 Hours
Even Semester	30 Hours
Total	60 Hours

Evaluation :

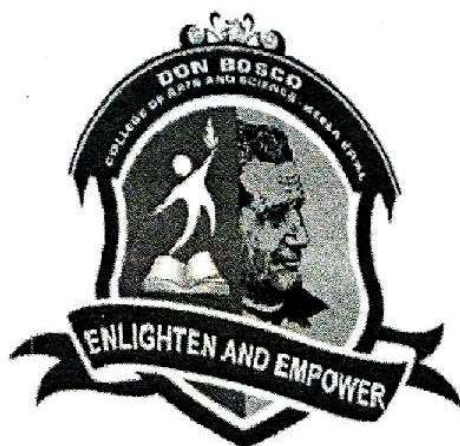> At the end of the course , a test will be conducted for 100 marks.

DON BOSCO COLLEGE OF ARTS AND SCIENCE

KEELA ERAL

Department of Mathematics

Skill Based Certificate course

A COURSE ON LaTeX

Target Learners:

➢ Second year students of B.Sc Mathematics.

Objectives:

By the end of this course, students will have acquired proficiency with LaTex,as well as many power features of LaTeX which include, but are not limited to, the ability :

➢ To Create basic types of LaTex Documents.

➢ To Typeset complicated mathematics.

➢ To Create professional presentation.

➢ To use nested list and enumerate environments within a document

Duration:

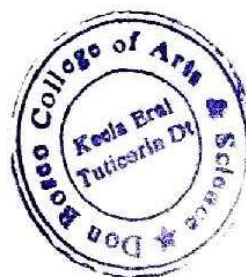| Teaching	15 Hours (3 Hours/Unit)
Lab	15 Hours (3 Hours/Unit)
Test & practical	10 Hours (2 Hours/Unit)
Total	40 Hours

Evaluation :

> At the end of the unit , a test will be conducted for 10 marks.

> Practical test will be conducted for 10 marks.

Handling Staffs:

1. Prof. A. Anusuya M.Sc.,M.Phil., SET.,
2. Prof. G . Baby Suganya M.Sc.,M.Phil.,SET.,

Syllabus

Unit I : **Fundamentals of Latex**

Formatting first-Itemizing and numbering –Displaying Mathematics-general-spacing of mathematical symbols-Referencing and Citing – section Headings – changing Fonts in Text mode

Unit II : **Mathematical Formulae**

Mathematics mode-characters in mathematics mode-Superscripts &subscripts –Greek letters –Text embedded in displayed equations-Fractions &Roots –Ellipse –Accents in mathematics mode- Brackets and Norms Multi Line Formulae.

Unit III : **Graphics**

Formatting displayed formulae –Examples of array environment, matrices created with array, matrix created with p Matrix- table created with array – line and page breaking- lengths, spaces & Boxes –picture and color.
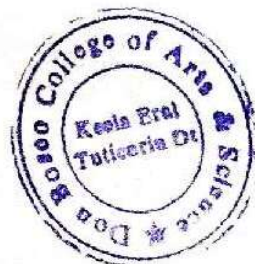
Unit IV : **Content Design**

Books-chapters-slides-letters-An article template.

Unit V : **Final version of an article and presentation**

The anatomy of an article –Building a presentation

Text Book:

1.Gradute student's guide to Latex and AMS-LATEX- Dr.Rafal Ablamowicz

2.Getting Started with LATEX – David R. Wilkins

3.More Math into LATEX – George Gratzer

Don Bosco College of Arts and Science

Keela Eral

Department of commerce

Certificate course

(2017 - 2018)

Advertising

Target Learners:

> First year students of B.Com Students

Objectives:

> To learn the problems solving techniques for aptitude problems

> To enable the students prepare themselves for various competitive examinations

Duration:

Teaching	60 Hours (12 Hours/Unit)
Odd Semester	30 Hours
Even Semester	30 Hours
Total	60 Hours

Evaluation :

> At the end of the course , a test will be conducted for 100 marks.

Handling Staffs:.

G.Karthik

SYALLABUS:

UNIT:1

INTRODUCTION:

Meaning-Definitions- A Brief History of Advertising- Growth of Advertising in India-Features of Advertising - Need for Advertising- Components of advertising- Advertising and Advertisement- Advertising and Publicity-Importance of Advertising- Objectives of Adverting-Functions of Advertising- Types of Advertising.

UNIT-II

ADVERTISING MEDIA:

Meaning- Characteristics of Advertising Media- Types of Advertising Media- Media Planning- Media Scheduling.

UNIT-III

PRESS ADVERTISING:

Newspapers- Types of Newspaper Advertising- Features of Newspaper Advertising Merits and Demerits- Foreign Papers- Magazines- Merits and Demerits- Magazine Circulations.

UNIT-IV

OUTDOOR ADVERTISING:

Features of outdoor advertising- Forms outdoor advertising- Merits and Demerits- Indoor Vs. outdoor advertising.

UNIT-V

ELECTRONIC MEDIA:

Radio Advertising- Television Advertising- Cable TV Advertising- Other Forms of TV Advertising- Film Advertising Internet- Audio- Visual Cassettes- Screen Slides- Direct Mail Advertising- Other Emerging Media- Electronic Signs. outdoor advertising

TEXT & Reference:
Advertising

K.Pazhani
S.Jesi.

Don Bosco College of Arts and Science Keela Eral

Department of commerce

Certificate course

(2018 - 2019)

Advertising

Target Learners:

> First year students of B.Com Students

Objectives:

> To learn the problems solving techniques for aptitude problems

> To enable the students prepare themselves for various competitive examinations

Duration:

Teaching	60 Hours (12 Hours/Unit)
Odd Semester	30 Hours
Even Semester	30 Hours
Total	60 Hours

Evaluation :

> At the end of the course , a test will be conducted for 100 marks.

Handling Staffs:.

G.Karthik

SYALLABUS:

UNIT:I

INTRODUCTION:

Meaning-Definitions- A Brief History of Advertising- Growth of Advertising in India-Features of Advertising - Need for Advertising- Components of advertising- Advertising and Advertisement- Advertising and Publicity-Importance of Advertising- Objectives of Adverting-Functions of Advertising- Types of Advertising.

UNIT-II

ADVERTISING MEDIA:

Meaning- Characteristics of Advertising Media- Types of Advertising Media- Media Planning- Media Scheduling.

UNIT-III

PRESS ADVERTISING:

Newspapers- Types of Newspaper Advertising- Features of Newspaper Advertising Merits and Demerits- Foreign Papers- Magazines- Merits and Demerits- Magazine Circulations.

UNIT-IV

OUTDOOR ADVERTISING:

Features of outdoor advertising- Forms outdoor advertising- Merits and Demerits-Indoor Vs. outdoor advertising.

UNIT-V

ELECTRONIC MEDIA:

Radio Advertising- Television Advertising- Cable TV Advertising- Other Forms of TV Advertising- Film Advertising Internet- Audio- Visual Cassettes- Screen Slides-Direct Mail Advertising- Other Emerging Media- Electronic Signs. outdoor advertising.

TEXT & Reference:

Advertising

K.Pazhani

S.Jesi.

Don Bosco College of Arts and Science

Keela Eral

Department of Business Administration

Certificate course

(2017 - 2018)

Advertising

Target Learners:

➤ First year students of B.Com Students

Objectives:

➤ To learn the problems solving techniques for aptitude problems

➤ To enable the students prepare themselves for various competitive examinations

Duration:

Teaching	60 Hours (12 Hours/Unit)
Odd Semester	30 Hours
Even Semester	30 Hours
Total	60 Hours

Evaluation :

➤ At the end of the course , a test will be conducted for 100 marks.

Handling Staffs:.

Dr.Rajee

SYALLABUS:

UNIT:I

INTRODUCTION:
Meaning-Definitions- A Brief History of Advertising- Growth of Advertising in India-Features of Advertising - Need for Advertising- Components of advertising- Advertising and Advertisement- Advertising and Publicity-Importance of Advertising- Objectives of Adverting-Functions of Advertising- Types of Advertising.

UNIT-II

ADVERTISING MEDIA:
Meaning- Characteristics of Advertising Media- Types of Advertising Media- Media Planning- Media Scheduling.

UNIT-III

PRESS ADVERTISING:
Newspapers- Types of Newspaper Advertising- Features of Newspaper Advertising Merits and Demerits- Foreign Papers- Magazines- Merits and Demerits- Magazine Circulations.

UNIT-IV

OUTDOOR ADVERTISING:
Features of outdoor advertising- Forms outdoor advertising- Merits and Demerits-Indoor Vs. outdoor advertising.

UNIT-V

ELECTRONIC MEDIA:
Radio Advertising- Television Advertising- Cable TV Advertising- Other Forms of TV Advertising- Film Advertising Internet- Audio- Visual Cassettes- Screen Slides-Direct Mail Advertising- Other Emerging Media- Electronic Signs. outdoor advertising

TEXT & Reference:
Advertising

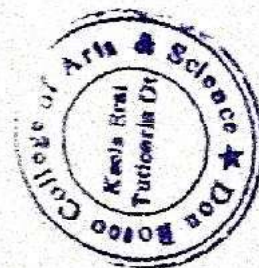K.Pazhani
S.Jesi.

Don Bosco College of Arts and Science KeelaEral

Department of Business Administration

Skill based course

(2021 - 2022)

Supply Chain Management

Target Learners:

➢ First year students of B.Com Students

Objectives:

➢ To learn the problems solving techniques for aptitude problems

➢ To enable the students prepare themselves for various competitive examinations

Duration:

Teaching	60 Hours (12 Hours/Unit)
Odd Semester	30 Hours
Even Semester	30 Hours
Total	60 Hours

Evaluation :

➢ At the end of the course , a test will be conducted for 100 marks.

Handling Staffs:.

Dr. R. Thanga Ganesh

SYLLABUS:

Unit-1(12Hours)

SupplyChainConcepts: ObjectivesofaSupplyChain,StagesofSupplychain,ValueChainProcess,Cycleviewof SupplyChainProcess,KeyissuesinSCM,logistics&SCM,SupplyChainDriversandobstacles,Supplychainstrategies,strategicfit,BestpracticesinSCM,ObstaclesofstreamlinedSCM.

Unit-2(12Hours)

Logistics: Evolution,Objectives,ComponentsandFunctionsofLogisticsManagement,Distribution relatedIssuesandChallenges;GainingcompetitiveadvantagethroughLogisticsManagement,Transportation-Functions,Costs,andMode;NetworkandDecision,Containerization,Crossdocking.

Unit-3(12 Hours)

SupplyChainPerformance: Bullwhipeffectandreduction,PerformancemeasurementDimension,Toolsofperfomlancemeasurement,SCORModel.Demandchainmanagement,GlobalSupplychain-ChallengesmestablishingGlobalSupplyChain,FactorsthatinfluencesdesigningGlobalSupplyChainNetwork.

Unit4(12Hours)

Warehousing: Conceptandtypes,Warehousingstrategy,Warehousefacilitylocation&networkdesign, Reverselogistics,Outsourcing-Natureandconcept,StrategicdecisiontoOutsourcing,Thirdpartylogistics(3PL),Fourthpartylogistics(4PL).

Unit – 5   (12Hours)

SupplyChainandCRM: SupplyChainandCRM-Linkage,ITinfrastructureusedforSupplyChainandCRM,FunctionalcomponentsforCRM,Greensupplychainmanagement,SupplyChainsustainability.

Reference Books:

1. Ballou,RonaldH.;SupplyChainManagement;PearsonEducation
2. Sahay,B.S.;SupplyChainManagement;Macmillan
3. Ballou,R.H.BusinessLogisticsManagement.Prentice-HallInc.
4. BowersoxD.J.,ClossD.J.,LogisticalManagement,McGraw-Hill,1996

தொன் போஸ்கோ கலை மற்றும் அறிவியல் கல்லூரி, கீழஈரால்

தமிழ்த்துறை

சான்றிதல் படிப்பு

தமிழ்த்துறை - சுற்றுலாவியல்

சான்றிதழ் படிப்பு

தமிழ்த்துறை முதலாமாண்டு – சுற்றுலாவியல்

இலக்கு:

தமிழ்த்துறை முதலாமாண்டு மாணவர்களுக்கு சுற்றுலாவியல் பற்றிய நுட்பமான அறிவைப் பெறச் செய்தல்.

நோக்கம்:

தமிழ் கற்கும் மாணவர்கள் தமிழக வரலாறு பற்றியும்இவரலாற்றுச் சிறப்புகளைப் பற்றியும் அறிந்து கொள்ளுதல் அவசியமாகும். அழகுணர்வு இலக்கியம் பயிலும் மாணாக்கர்க்கு அவசியமாகும். மாணவர்கள் சுற்றுலாவிற்கான பல இடங்களை தெரிந்து கொள்ளுதலும் அதன் புகழை உலகிற்கு எடுத்துச் சொல்லி தமிழர்களின் மாண்பை பறைசாற்ற வேண்டும் என்ற நோக்கோடும் இச்சான்றிதழ் கல்வி தொடங்கப்படுகிறது.

கால அளவு:

கற்பித்தல்	60 மணி நேரம் (12 மணி நேரம்/அலகு)
முதல் பருவம்	30 மணி நேரம்
இரண்டாம் பருவம்	30 மணி நேரம்
மொத்தம்	60 மணி நேரம்

மதிப்பீடு:

சான்றிதழ் படிப்பின் நிறைவில் 100 மதிப்பெண்களுக்கு தேர்வு வைக்கப்பட்டு மாணவர்கள் மதிப்பிடப்பட்டனர்.

பாடத்திட்டம்

அலகு – 1

சுற்றுலாவியல் ஓர் அறிமுகம் - அமைப்பாளர்கள்   வழிகாட்டிகள்.

அலகு – 2

சுற்றுலாவின் பயன் - நோக்கம் - பண்டைய சுற்றுலாவின் அடிப்படை வளர்ச்சி.

அலகு – 3

தமிழகத்தின் புகழ்மிக்க சுற்றுலா தலங்கள் - கழுகுமலைக் குடைவரைக் கோவில் - வெட்டுவான் கோவில்

அலகு – 4

மதுரை அழகர் கோவில் - திருப்பரங்குன்றம் - தென்பரங்குன்றம் - சமணப்படுகைகள்.

அலகு – 5

தஞ்சை பெரிய கோவில் - கங்கை கொண்ட சோழபுரம் - தாராசுரம் - மாமல்லபுரம்.

பரிந்துரைக்கப்படும் பாடநூல்கள்:

1. சுற்றுலாவியல் - ம.ராஜசேகா , கொங்கு பதிப்பகம், பாண்டியன் நகா, கரூர்.

2. சுற்றுலா வளர்ச்சி– வே.கிருட்டினசாமி, மணிவாசகர் பதிப்பகம், பாரிமுனை, சென்னை – 600018.

சான்றிதழ் படிப்பு

தமிழ்த்துறை இரண்டாமாண்டு– இதழியல்

இலக்கு:

தமிழ்த்துறைமுதலாமாண்டுமாணவர்களுக்கு இதழியல் பற்றியநுட்பமானஅறிவைப் பெறச் செய்தல்.

நோக்கம்:

இன்றைய சூழலில் மனிதவாழ்வின் பெரும் பங்காகவிளங்குவது இதழ்கள். இன்றைய அறிவியல் வளர்ச்சியினால் மக்கள் மத்தியில் வாசிப்புத் திறன் குறைந்து வருகிறது. மாணவர்களின் வாசிப்புப் பயிற்சியினை மேம்படுத்தும் நோக்கோடும் எதிர்காலத்தில் அவர்கள் இதழாசிரியர்களாகவோ தகவல் சேகரிப்பவர்களாகவோ உருவாகவேண்டும் என்ற நோக்கோடும் அவர்களது சிந்தனைகள் சமுதாயத்தில் நல்ல பல மாற்றங்களை உருவாக்க வேண்டும் என்ற உயரிய நோக்கோடும் இச்சான்றிதழ் படிப்பு இரண்டாம் ஆண்டு மாணவர்களுக்குப் பயிற்றுவிக்கப்படுகிறது.

காலஅளவு:

கற்பித்தல்	60 மணிநேரம் (12 மணிநேரம்.ஃஅலகு)
முதல் பருவம்	30 மணிநேரம்
இரண்டாம் பருவம்	30 மணிநேரம்
மொத்தம்	60 மணிநேரம்

மதிப்பீடு:

சான்றிதழ் படிப்பின் நிறைவில் 100 மதிப்பெண்களுக்கு தேர்வு வைக்கப்பட்டு மாணவர்கள் மதிப்பிடப்பட்டனர்.

பாடத்திட்டம்

அலகு – 1

இதழியல் தோற்றமும் வளர்ச்சியும், இதழ்களின் வகைகள்

அலகு – 2

செய்தி திரட்டுதல், செய்தியாளர், செய்தியாளருக்கான தகுதிகள்.

அலகு – 3

செய்தி நிறுவனங்கள், செய்தி ஆசிரியரின் கடமைகள்
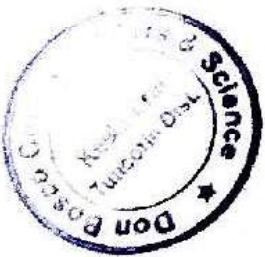
அலகு – 4

இதழ்களில் இடம்பெறும் தலையங்கம், கட்டுரைகள், விளம்பரங்கள், கவிதைகள், கதைகள், கேலிச்சித்திரங்கள்.

அலகு – 5

இதழியல் சட்டங்களும் உரிமைகளும், தற்கால இதழாசிரியர்களும், இதழ்களும்.

பரிந்துரைக்கப்படும் பாடநூல்கள்:

1. தமிழில் இதழியல் தோற்றம் வளர்ச்சி - அ.ம.சாமி.
2. இதழியல் கலை–ஆசிரியர் ம.ப.குருசாமி, குருதேமொழி பதிப்பகம், திருச்செந்தூர்.

Don Bosco College of Arts and Science

Keela Eral

Department of COMPUTER APPLICATIONS

CERTIFICATE COURSE

(2021-2022)

OFFICE AUTOMATION

Target Learners:

> First year students of B.C.A

Objectives:

> .To enables the students to get familiarized with the computerized office environment by imparting preliminary working knowledge on Office Tools.

Duration:

Teaching	60 Hours
Odd Semester	30 Hours (15 T & 15 P)
Even Semester	30 Hours (15 T & 15 P)
Total	60 Hours

Evaluation:

> At the end of the course, a test will be conducted for 100 marks.

> Theory – 50 Marks and Practical – 50 Marks
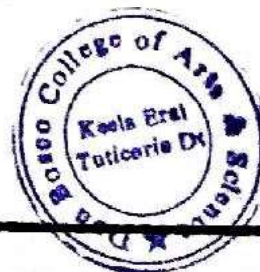
Handling Staff:.

1. S. Krishnaveni

Syllabus

UNIT – IMicrosoft word: Word processor Basics – Opening Microsoft Word – Closing the Document and Quitting Word – Starting Microsoft Word XP - Introduction to word – Saving the Document – Previewing – Printing – Closing – Changing the size of a document. Editing the Document: Opening an existing word document – Moving the cursor – Making changes in your document – Undoing any operation – Saving changes made to the Document – Checking Spelling in the Document – Automatic correction of errors – Printing the file – Saving and Closing the Document.

UNIT – II Designing your Document: Creating a well formatted Document – Setting the Left , Right , Top and Bottom Margins – Setting page Numbers on your Document – Specifying text at the top and the Bottom of each page. Creating Tables : Selecting Text using the mouse – Inserting Rows – Inserting Columns – Deleting a Row – Deleting a Column – Formatting the Text – Mail Merge.

UNIT – IIIMicrosoft Excel: Introduction to Spreadsheets – Use of Spreadsheet – Spreadsheet Basics – Formatting a Spreadsheet – Graphs – Functions of Microsoft Excel – Starting Microsoft Excel – Excel Work Environment – Changing size of a Work book and Excel Window – Cell and Cell Address – Standard Toolbar – Formatting toolbar – the Formula bar – Status bar – Components of an Excel Workbook. Working in Excel : Entering data in cell address – Making changes to an entry – Mathematical Calculations

– Formulas using numbers – Formula using Cell address – Defining functions simple Graphs.

UNIT – IV Microsoft Access: Introduction to Databases – Defining a Database – Understanding RDBMS – objects of a Relational Database – Macros – Functions of a DBMS – Starting Microsoft Access – Creating Tables – Understanding Database – Creating database - Creating a Table – Working on Tables – Saving the Table – Defining primary Key – Closing the Table – Closing the Database window and Quitting Access.
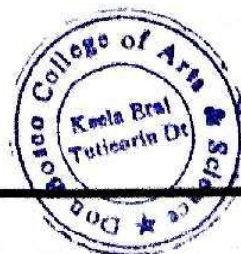
UNIT – V Microsoft Powerpoint: Starting Powerpoint – Creating a presentation – Saving a Presentation – working with views – Adding Graphics, Charts and Tables – Masters – Using Slide TransitionPrinting – Closing the Slides – Quitting Microsoft Powerpoint.

Text Book:

1. VIKAS GUPTA, "Comdex Computer Course Kit (XP Edition)", Dreametech press, New Delhi.

References:

1. Stephen L. Nelson, "The Complete Reference office 2000" Tata McGraw – Hill Publishing Company limited, New Delhi.

2. N.Krishnan, "Window and MS Office 2000 with Database Concepts" Scitech publications (India) Pvt Ltd., Chennai
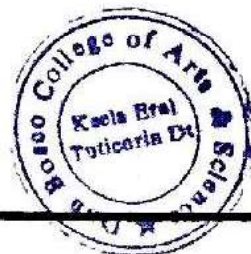
LAB EXERCISES

WORD & SPREAD SHEET – LAB

MS – Word

1. Prepare a word document for spell checking and Thesaurus.

2. Prepare a documents and apply Cut, Copy and Paste operations.
3. Find a word and Replace with another in a document.

4. Insert Header and Footer with the name of the Dept and Page No. in a document.

5. Insert a picture in your document.

6. Insert mathematical symbols

7. Preparing News paper format (Apply Alignment, Font, Property, Line spacing, Picture Format).

8. Preparer a Bio-Data and insert the contents of qualification within the table.

9. Mail Merge

10. Macro.

MS – Excel

1. Apply formulas and functions

2. Prepare a chart for population growth.

3. Create a Pivot table.

4. Apply ascending and descending.

5. Apply auto format.

POWER POINT & DATABASE ACCESS - LAB

MS – Powerpoint

1. Create a power point presentation with 3 slides.

2. Create a design template with 3 slides.

3. Create a presentation with animation.

4. Create a power point presentation with 4 slides. Set slide transition time of 3 seconds and Display your presentation.

5. Create a presentation with auto content wizard.

MS – Access

1. Create an employee database.

2. Create a students database. Set a field to primary key.

3. Create a salary list preparation.

4. Create a report.

5. Create a Mailing labels.

Don Bosco College of Arts and Science

Keela Eral

Department of COMPUTER APPLICATIONS

CERTIFICATE COURSE

(2018-2019)

BASIC COMPUTING SKILLS

Target Learners:

> First year students of B.C.A

Objectives:

> . To provide students with the basic computer knowledge and skills required to obtain an understanding of computer hardware, software, networks

Duration:

Teaching	60 Hours
Odd Semester	30 Hours
Even Semester	30 Hours
Total	60 Hours

Evaluation:

> At the end of the course, a test will be conducted for100 marks.

Handling Staff:.

1. S. Alwin Christopher

Internet Telephony, Videoconferencing, Web Browser and its environment. (12 L)

Text Book:

Introduction to Computer - Peter Norton, Tata McGraw Hill, 2002

Books for Reference:

Fundamental of Information Technology - Alex Leon& Mathews Leon Vikas Publication – New Delhi, 2009

DON BOSCO COLLEGE OF ARTS AND SCIENCE

KEELA ERAL

DEPARTMENT OF COMPUTER APPLICATIONS

SKILLED – BASED COURSE

(2017-2018)

WEB DESIGNING USING HTML

Syllabus

Unit I: Introduction to HTML. Designing a Home page – History of HTML – HTML generations – HTML Documents-Anchor tag –Hyper links –Sample HTML documents. (6L)

Unit II: Head and Body section: Header Section –Title-Prologue-Links-Colorful web page –Comments lines Designing the body: Heading printing –Aligning the headings-Horizontal rule- paragraph-Tab settings-Image and pictures-Embedding PNG format Images (6L)

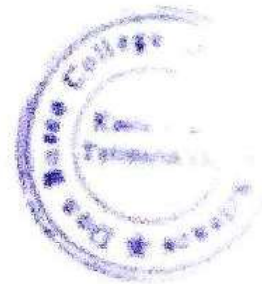**Unit III:** Ordered and unordered lists: List-Unordered lists-headings in a list – ordered lists- Nested lists. Table handling: Tables- table creation in HTML - Width of the Tables and cells-Cells spanning multiple rows-Columns- Coloring cells – Column specification (6L)

Unit IV: DHTML and Style sheets: Defining styles –Elements of styles- Linking a style sheet to an HTML document –Inline styles –Internal & External style sheets –Multiple styles (6L)

Unit V: Frames: Frame set - Definition – Frame definition – Nested Frames Web Page Design Project : Frameset Definition – Animals – Birds – Fish Forms: Action attributes –Method attributes –Encrype attribute – Drop down list- sample forms (6L)

8. Write HTML code to create a web page that displays your class time table.

9. a. Create a web page with Table using Frame concept.

   b. Create a web page having two frames one containing links and another with contents of the links. When link is clicked appropriate contents should be displayed on Frame 2.

10. Design a website of your own by using all html tags.

Text Book:

World Wide Web Design with HTML., C. Xavier, TMH, 2001

Books for Reference:

Internet & World Wide Web, H.M.Deital, P.J.Deital&A.B.Goldberg, Pearson Education

LAB EXERCISES

1. Write HTML code to develop a web page having the background in red and body "My First Page "in any other color.

2. . Create a HTML document giving details of your name, age, telephone, address, roll no. using align tag.

3. Write HTML code to design a page containing a text in a paragraph give suitable heading style.

4. Design a page having background color given text color red and using all the attributes of font tab.

5. Write HTML code to create a WebPage that contains an Image as its center.

6. Create a web Page using href tag having the attribute alink, vlink. c. Write a HTML code to create a web page of pink color and display moving message in red color.

7. a. Create a web page, showing an ordered list of name of your five friends. b. Create a HTML document containing a nested list showing the content page of any book c. Create a web page, showing an unordered list of name of fruits.

Target Learners:

➤ Second year students of B.C.A Students

Objectives:
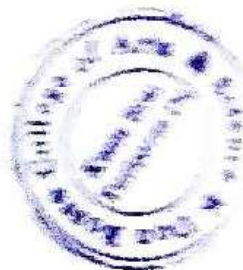
➤ To study the basic concepts of Web design using HTML

Duration:

Teaching	60 Hours
Odd Semester	30 Hours (15 T & 15 P)
Even Semester	30 Hours (15 T & 15 P)
Total	60 Hours

Evaluation:

➤ At the end of the course, a test will be conducted for 100 marks.

➤ Theory – 50 Marks and Practical – 50 Marks

Handling Staffs:

1. V. Parvathi

2. M. Soosankari

Declaration

I hereby declare that the details and information given above are complete and true to the best of my knowledge and conviction.

PRINCIPAL
DON BOSCO COLLEGE OF ARTS & SCIENCE
KEELA ERAL, Thoothukudi Dist.
Tamilnadu, India-628 908