

Y.A. GOVT.COLLEGE FOR WOMEN,CHIRALA

SYLLABUS FOR CERTIFICATE COURSE

2017-2018

Photoshop Design

Duration: 30 hours

Purpose: purpose of this value added course to impart self employable skills to students .

Objectives of course:

1. Fundamentals of photoshop
2. Working with tool box
3. Working with layers
4. Designing of calendar
5. Designing of certificate
6. Creation of commercial add
7. Background changes
8. Convert color photo to black and white.

Syllabus:

Unit –I;

Lesson1: Introduction of Adobe photoshop.

Unit –II:

Lesson 2: working with tool box: move tool,crop ,eraser,lasso ,shape , pen ,marquee etc.

Lesson 3:Working with layers:layers style,opacity,adjustment layers.

Unit-III:

Lesson 4:Designing of calendar.

Lesson 5: Designing of certificate.

Unit –IV:

Lesson 6: creation of commercial add.

Lesson 7: Background changes

Lesson 8: convert color photo to black and white

Y.A. GOVT.COLLEGE FOR WOMEN,CHIRALA

SYLLABUS FOR CERTIFICATE COURSE

2017-2018

R-Programming

DURATION:30 HOURS

PURPOSE :The purpose of this course is following

- 1) At end student will learn to handle the data through R.
- 2) Student will familiar with loading and unloading of packages.

Objectives of course:

1. R is a well-developed, simple and effective programming language which includes conditionals, loops, user defined recursive functions and input and output facilities.
2. R has an effective data handling and storage facility
3. R provides a suite of operators for calculations on arrays, lists, vectors and matrices.
4. R provides a large, coherent and integrated collection of tools for data analysis.

Syllabus:

Unit-1

- I. Installing R and R studio
- II. Basic Operations in r
 - Arithmetic Operations
 - Comments and spacing
 - Logical Operators - <=, >, >=, =, !=

Unit-2

- I. Getting data into R, Basic data manipulation
- II. Vectors, Materials, operation on vectors and matrices.

Unit-3

Loops and functions

1. if, if else, while, for break, next, repeat
2. Basic functions- Print(), exp(), Log(), sqrt(), abs(), sin(), Cos(), tan(), factorial(), rand().

Unit-4

1. Basic Plotting
2. Quantitative data
3. Frequency plots
4. Box plots
5. Scatter plot
6. Categorical data
7. Bar charts

Y.A. Govt. College for women, Chirala

Syllabus for Value added Course

2018-2019

Development of E-content

Duration: 30 hours

Purpose: Purpose of this value added course is to impart self-employable skills to students and to impart ICT skills to develop E – content.

Objectives of course:

1. To create our own diagrams.
2. To learn how to design the presentation using power point software.
3. To know advanced techniques while preparing power point presentations.
4. To learn & build web pages to upload into websites & how to link slides and word documents in power point presentations.
5. To understand hyperlinks & navigation through web pages.

Syllabus:

Unit –I:

Lesson -1: MS- office-Introduction, Drawing own pictures through tool bar- inserting in to the power point presentation or web page, hyperlinks in MS-Word.

Unit-II:

Lesson-2: MS-PowerPoint – Basics- Inserting hyperlinks of Ms word and Excel in PPTs- animation effects in slides.

Lesson-3: Advanced techniques in power point using hyperlinks in power point for navigation.

Unit-III:

Lesson-4: HTML – web page design in HTML. Developing the e-content using HTML.

Unit –IV:

Lesson5: Hyper links in webpages –Linking the word documents in web pages.

Y.A. GOVT.COLLEGE FOR WOMEN,CHIRALA

SYLLABUS FOR CERTIFICATE COURSE

2018-2019

Java -Programming

DURATION:30 HOURS

PURPOSE : 1.Understand the concept and underlying principles of Object-Oriented Programming.

2. Understand how object-oriented concepts are incorporated into the Java programming language.

3. Develop problem-solving and programming skills using OOPS concept.

4. Understand the benefits of a well structured program.

5. Develop the ability to solve real-world problems through software development in high-level programming language like Java.

6. Develop efficient Java applets and applications using OOPS concept.

Objectives of course:

1. As the business environment becomes more sophisticated, the software development (software engineering is about managing complexity) is becoming increasingly complex.

2.As of the best programming paradigm which helps to eliminate complexity of large projects, Object Oriented Programming (OOP) has become the predominant technique for writing software in the past decade. Many other important software development techniques are based upon the fundamental ideas captured by object-oriented programming.

Syllabus:

Unit-1:

FUNDAMENTALS OF OBJECT – ORIENTED PROGRAMMING :Introduction, Object

Oriented paradigm, Basic Concepts of OOP, Benefits of OOP, Applications of OOP, Java features:

Unit-2:

OVERVIEW OF JAVA LANGUAGE: Introduction, Simple Java program structure, Java tokens, Java Statements, Implementing a Java Program, Java Virtual Machine, Command line arguments.

Unit-3:

CONSTANTS, VARIABLES & DATA TYPES: Introduction, Constants, Variables, Data Types, Declaration of Variables, Giving Value to Variables, Scope of variables, Symbolic Constants, Type casting, Getting Value of Variables, Standard Default values; **OPERATORS & EXPRESSIONS.**

Unit-4

DECISION MAKING & BRANCHING: Introduction, Decision making with if statement, Simple if statement, if. Else statement, Nesting of if. else statements, the else if ladder, the switch statement, the conditional operator.

Unit-5

LOOPING: Introduction, The While statement, the do-while statement, the for statement, Jumps in loops.

Y.A. GOVT.COLLEGE FOR WOMEN,CHIRALA

SYLLABUS FOR CERTIFICATE COURSE

2018-2019

PHP and MYSQL

DURATION:30 HOURS

PURPOSE : 1.Introduction to web development with PHP

2. How to code a PHP application
3. Introduction to relational databases and MySQL
4. How to use PHP with a MySQL database
5. How to use the MVC pattern to organize your code
6. How to test and debug a PHP application
7. How to work with form data
8. How to code control statements

Objectives of course:

1. To introduce the concept of PHP and to give basic Knowledge of PHP. Learn about PHP Syntax., Arrays, PHP Loops, PHP and MySQL connectivity, PHP form validation, PHP form handling.
- 2.Overview of MySQL and PHPMyAdmin, Understand basic concepts of how a database stores information via tables, Understanding of SQL syntax used with MySQL, Learn how to retrieve and manipulate data from one or more tables.

Syllabus:

Unit-1

Building blocks of PHP: Variables, Data Types, Operators and Expressions, Constants. Flow Control

Functions in PHP: Switching Flow, Loops, Code Blocks and Browser Output. Working with Functions: Defining Functions, Calling functions, returning the values from UserDefined Functions, Variable Scope, Saving State between Function calls with the Static statement, more about arguments.

Unit-2

Defining Functions, Calling functions, returning the values from UserDefined Functions, Variable Scope, Saving State between Function calls with the Static statement, more about arguments.

Unit-3

Working with Arrays: Arrays, Creating Arrays, Some Array-Related Functions.

Working with Objects: Creating Objects, Object Instance. Working with Strings, Dates

Unit-4

Working with Forms: Creating Forms, Accessing Form - Input with User defined Arrays, Combining HTML and PHP code on a single Page, Using Hidden Fields to save state, Redirecting the user, Sending Mail on Form Submission, Working with File Uploads.

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SYLLABUS FOR CERTIFICATE COURSE

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2019-2020

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Y.A. Govt. College for women, Chirala.

Syllabus for Value added Course

2019-2020

COREL DRAW

Duration: 30 hours

Purpose: Purpose of this value added course is to impart self-employable skills to students and to impact ICT skills.

Objectives of course:

- ❖ Know about the interface and working with the Corel Draw.
- ❖ Understand the designing of the visiting cards.
- ❖ Student can create the Birth Day cards and Greeting Cards.
- ❖ Can design a simple brochure.
- ❖ Designing of the logo.

SYLLABUS

UNIT-1

BASICS OF COREL DRAW: Installing of Corel draw, interface, getting started Corel draw, exploring the Corel draw screen, setting up the page, file management.

UNIT-2

CREATING VISITING CARD: selection of card size, fill tool –fountain fill, pattern fill, texture fill, uniform fill, shape tool, interactive transparency tool.

UNIT-3

CREATING GREETING CARD: select the page size, import bitmap images, text tool, alignments, font size, color palette.

UNIT-4

CREATING BROCHURE : The setup of sheet, alignment guidelines, duplicate page, using of templates.

UNIT-5

DESIGNING OF LOGO: Ellipse tool, property bar, dockers, smart duplicate, smart fill tool.

V. Suvorchala

Y.A. GOVT.COLLEGE FOR WOMEN,CHIRALA

SYLLABUS FOR CERTIFICATE COURSE

2020-2021

PHP and MYSQL

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DURATION:30 HOURS

PURPOSE: purpose of this value added course is to impart -employable skills to students and It is used for developing web applications, data science, rapid application development, and so on. Python allows you to write programs in fewer lines of code than most of the programming languages. The popularity of Python is growing rapidly.

Objectives of course:

1. Implement Conditionals and Loops for Python Programs
2. Write, Test and Debug Python Programs
3. Identify the commonly used operations involving file systems and regular expressions.
4. Read and write data from & to files in Python and develop Application using Pygame.
5. Express proficiency in the handling of strings and functions.

Syllabus:

Unit-1

What is Python, Uses of Python Programming Language / Python Applications, Python for Software development, Python for Networking, Python for Automated Testing, Features of Python Programming Language, Implementations of Python, and Python career opportunities.

Unit-2

Purpose/use of comments in Computer Programming, Comments for Understanding Python code, Python Comment Syntax, Python Single line comment, Multiline comment in Python, and writing Python comments.

Unit-3

What is Data Type?, Implicit Declaration of Data Types, Python Numbers (Integers, floating-point numbers, and complex numbers), Python Strings, Python boolean data type.

Python Arithmetic, Comparison/Relational Operators, Increment Operators, Logical operators, Python Identity Operators, and Python Operators Precedence.*

Unit-4

Python Control Flow Statements, Python Loop Statements. Python while loop, Python for loop, Python range(), Python Nested Loop Structures, and Inserting conditions in Loops and vice versa.

Unit-5

Create Python Lists, Update Python Lists, Delete Elements from Python Lists, and Built-in Functions & Built-in Methods for Python Lists.

Operations on Strings, Finding String length, Concatenating Strings, Print a String multiple times

DEPARTMENT OF CHEMISTRY
CERTIFICATE COURSE
SOIL ANALYSIS
2017-2018

Syllabus

UNIT 1

Introduction, OBJECTIVES, SOIL TESTING PROGRAMME

UNIT -11

1. Collection of soil samples.
2. Chemical analysis of samples.
3. Calibration and interpretation of the results of chemical analysis
4. Recommendations

UNIT-111

parameters of the project:

- 1 .Estimation of pH
2. Organic Carbon
3. Estimation of Nitrogen
4. Estimation of Phosphorous
5. Estimation of Potassium

UNIT-IV

parameters of the project:

1. Estimation of electrical conductivity
2. Estimation of Sulphar
3. Estimation of Zinc
- 4.. Estimation of Boron

UNIT V

RESULTS & DISCUSSIONS



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**DEPARTMENT OF CHEMISTRY
CERTIFICATE COURSE**

**CLINICAL LABORATORY TESTS
2018-2019**

Syllabus

UNIT 1

- A. Lab ethics- Punctuality, Promptness, Accuracy, Confidentiality, Generosity, Sincerity, Standards, Major disciplines
- B. Safety Practices – Acids & Bases, Precautions, Carcinogenic Chemicals, Toxic & Harmful Chemicals, Oxidising Chemicals, Infectious Samples, Glass Ware, First aid.

UNIT -II

- A. Techniques- Flame photometer, Beer- Lamberts law, Galvanometer, Centrifugation, electrophoresis, Chromatography.
- B. Serological tests- Widal Slide Agglutination test, VDRL Slide test, ELISA Test, Antibiotic Sensitivity Test.

UNIT -III

Staining Techniques- Gram Staining, acid fast staining, Mycobacterium staining, Albert staining.

Sterilization:- Autoclave, Hot air oven, Incubator, Chemical sterilization.

Culture Media- Nutrient Agar medium, Blood Agar Medium, Chocolate agar Medium, McConkey Agar Medium, Czapeckdox Agar Medium, YEMA Medium.

UNIT IV:- Estimations

Estimation Of Serum of Plasma Proteins, blood Glucose, serum bilirubin, Serum creatinine, Serum alkaline Phosphatase, serum calcium

Haematological Tests:-

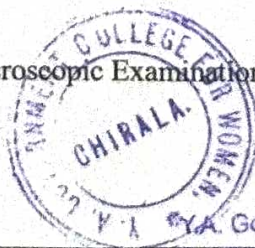
WBC Count, Platelet Count, Reticulocyte count, eosinophil Count, Differential Count, haemoglobin estimation, Erythrocyte Sedimentation rate, Bleed time & clotting time, packed cell volume.

UNIT-V

Clinical Pathological tests- physical Examination of urine, Detecting Albumin in urine, blood in urine, Ketone bodies & sugar in urine, Bile salts & Bile pigments in urine.

Mycotic infections- Wet Mounting in Alkaline solutions, subcutaneous mycoses, Systemic mycoses.

Parasitology- Blood collection from a Malaria patient Microscopic Examination of Stool.



[Signature]
Principal

DEPARTMENT OF CHEMISTRY
CERTIFICATE COURSE
GREEN CHEMISTRY
SYLLABUS OF THE COURSE
2021-2022

Unit-1: Introduction of Green chemistry

Unit-2: The Basic Principles of Green Chemistry

12 Basic principles of Green Chemistry, Prevention of formation of Wastes, Atom Economy, Use of Renewable feed stocks, less hazardous chemical synthesis, Designing safer chemicals

UNIT-3: Green synthesis

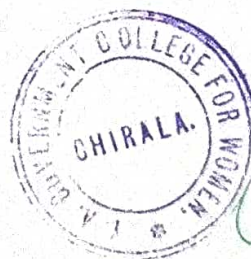
Choice of starting materials, Choice of solvents, choice of reagents, choice of catalysts, Designing green process

UNIT-4: Green Catalysis

Synthesis of chalcone from benzaldehyde and ketone, Synthesis of p-acetamido phenol from p-aminophenol, Synthesis of vanillidine acetone from vanillin and acetone, photo reduction of benzophenone to benzo pinacol in sunlight

UNIT-5: Greener approaches to synthesis

Reduction of acetophenone with dacus carota root, micelle assisted reduction of aromatic carbonyl compounds, Aldol condensation reaction in solid phase



A large, stylized handwritten signature in green ink, written over the stamp and extending to the right.

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2017 - 2018
Syllabus
Tally with GST

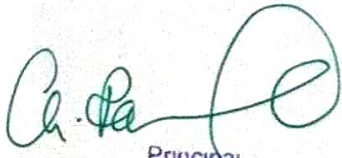
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Unit-II: Stock groups, Stock Items, Reorder levels, reorder level in tally. Vouchers, Inventory- Stock Transfer. Order processing, Delivery Challans, Purchase Invoice, Sales Invoices, Debit Note, Credit Notes.

Unit -III: GST Tally - Introduction: GST rate set up in Tally, GST Ledgers, GST entries, Advance receipt under GST, Reverse charges

Unit-IV: GST Reports: GST report, Composition Dealer , Filing of Returns, MIS reports,P&L account, Trail Balance, Balance Sheet, Ratio Analysis, Stock Summary.




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2018-2019

E-Commerce *Syllabus*

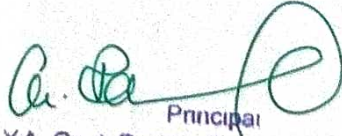
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Unit-II: Business Strategy in an Electronic Age: Supply Chains, Inter Organizational Value Chains.

Unit-III: Competitive Strategy: First Mover Advantage - Sustainable Competitive Advantage, Competitive Advantage using E-Commerce - Business Strategy.

Unit-IV: Public Policy: From Legal Issues to Privacy, Legal Incidents, Ethical and Other Public Policy Issues, Protecting Privacy, Protecting Intellectual Property.




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2019-2020

Syllabus
Tally with GST

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Y.A. Govt. Degree College for Women
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2020-2021

Y.A.Govt.Degree College for Women, Chirala.

Department of Commerce

E-Commerce

Syllabus

Unit-I: Introduction to E-Commerce: Scope, Definition E-Commerce and the Trade Cycle, Electronic Markets, Electronic Data Interchange, Internet Commerce.

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2021 - 2022

Syllabus
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Principal

Y.A. Govt. Degree College for Women
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2018-19

Syllabus of Organic Farming: Garden keeping and kitchen garden

Unit I: Importance of Agriculture-Agri inputs: seeds, fertilizers, pesticides-
Machinery and tools- Farming stages

Unit II: Organic farming –meaning-need-importance –types of organic
Fertilizers and pesticides –Preparation.

Unit III: Cultivation of vegetables –soil preparation- seasons-crop period ,
Raising seedlings-some vegetables: Tomato, Brinjal, lady's finger,
Beans, Bitter melon, etc..

Unit IV: Cultivation of green leaves –crop period-some green leaves: Amaranth
Rasamundi, fenugreek, coriander leaves, etc..

Unit V: Kitchen garden products – Marketing vegetables and green leaves-
Field visit.

Objectives

1. To know the importance of agriculture.
2. To know the differences between modern farming and organic farming.
3. To know the various types of the organic fertilizers and pesticides.
4. To know the procedure of organic farming.
5. To know the garden keeping methods and maintenance of kitchen garden
6. To develop the concept of "Dignity of labour"

Learning Outcomes :

1. Students are able to know the need and importance of Organic farming.
2. Students are able to recognize the various vegetables and green leaves.
3. There will be a behavioural change regarding the selection of vegetables and also raising of kitchen garden.
4. Students maintain the kitchen garden and sell the products to the staff and the students.
5. They developed the concept of "earn while learn" and "Dignity of Labour."

Syllabus of TIE & DYE

Unit 1 :Textile Industry-Handloom-Powerloom-Types of fibers.

Unit 2 :Dyeing-Printing-Kalankari-Jardosi-Maggam worketc...

Unit 3 :Dress code in South, North and Northeastern parts of India

Unit 4 :Tie and Dye-Bandani-origin,types.

Unit 5 :Procedure of Tie and Dye – Raw materials and Production tools-
Field visit.

Objectives

1. To know the importance of “Textile Industry”
2. To know the various types of design printing on garments.
3. To know the origin of “Tie & Dye”
4. TO give practical knowledge on Tie & Dye process
5. To able to create various designs on fabric.
6. To develop the creativity and self expression through colours , patterns and designs.

Learning Outcomes :

1. Students are able to use simple techniques in design printing without any machinery or tools.
- 2.Students are able to prepare the colour liquids.
3. Student are able to follow the safe working practices in dyeing
Process
- 4.They choose these techniques as a means of self employment .
5. Students gained the practical knowledge on Tie & Dye.

Syllabus of Organic Farming-Procedure

Unit 1 :Importance of Agriculture –New Trends in Agriculture-
Green Revolution(1st &2nd)-Rainbow Revolution- Impact of
Green Revolution.

Unit 2 : Organic farming-need-mertis and demerits..

Unit 3 :Bio fertilizers: Compost fertilizer,Vermi compost, minerals and
Ash, bone meal, chicken litter,neem cake, cotton seed meal etc..

Unit 4: Organic pesticides : Neem leaf, salt spray Onion and garlic
Spray, eucalyptus oil, Custard apple seeds etc..

Unit 5: Green leaves –types-farming procedure-uses.

Vegetables-types-farming procedure-uses-field work

Objectives

1. To know the Importance of Agriculture
2. To develop the concept of “Dignity of labour”
3. To gain the practical experience of agriculture production, trends in production,pests,weeds,weather effects,harvesting,marketing etc..
4. To know the instruments which are used in the cultivation.
5. To know the need and importance of organic farming.

Learning Outcomes :

- 1.Students are came to know the importance of organic farming and
Organic products .
2. Students are motivated to cultivate the vegetables at their homes.
3. There are able to recognise the various vegetables and green leaves and their uses.
- 4.They came to know about bio-fertilizers and bio pesticides.
- 5.They are able to recognize the positive effects of organic farming on environment .

Syllabus of Organic Farming- Plant Production

Unit 1 :Importance of Agriculture –New Trends in Agriculture.

Green Revolution(1st &2nd)-Rainbow Revolution

Impact of Green Revolution .

Unit 2 :NPK fertilizers-micro nutrients –chemical fertilizers-impact on Environment and Human health

Unit 3 :Organic farming-need-merits and demerits.

Unit 4 :Plant production methods-Direct seeding-Broad cast, Hill and Drill

Unit 5: Plant propagation – Sexual-Asexual-Air layering –Grafting:side Veneer graft-Saddle graft-Bridge graft-Whip and Tongue graft.

Objectives

1. To Know the importance of Agriculture
2. To Know the latest trends in Horticulture
3. To Know the Various Plant production Methods
4. To gain the practical experience on plant production methods
5. To develop the concept of “Dignity of labour”.
6. To Know the procedure of Organic farming

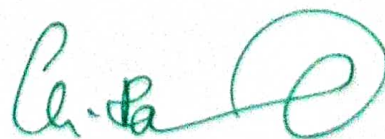
Learning Outcomes :

1. Students are came to know the need and importance of organic Farming.
2. Students are able to follow the Air-layering method.
3. Students are able to tell about the fruits and their seasons.
- 4.They developed the concept of ‘Dignity of labour’.
- 5.Students are able to prepare the bio fertilizers.

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**VALUE ADDITION COURSE IN GENERAL ENGLISH
(2018-19)
CURRICULUM FRAME WORK**

S. No	Module	Page Nos. from - to
1.	Three basic sentence patterns	2-3
2.	Declarative statements & Questions	4-5
3.	Questioning	6-8
4.	Orders & Requests	9-10
5.	Learn to Greet	11-12
6.	Self intro & Introducing others	13-14
7.	Adjectives	15-16
8.	Action Verbs	17-19
9.	Present Time : Habits & truths	20-21
10.	Talk about the past	22-23
11.	What is happening now?	24-25
12.	Let's talk about future	26-27
13.	Use adverbs	28-29
14.	Articles	30-31
15.	Place and Time Prepositions	32-34
16.	What are Linkers?	35-37
17.	Say about hobbies/likes and dislikes	38-39
18.	Try to communicate	40




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EVERYDAY VOCABULARY & IDIOMS

BASIC GRAMMAR FOR SPEAKING
AND WRITING SKILLS

PARTS OF SPEECH

SYNONYMS AND ANTONYMS

SELF INTRODUCTION

DIALOGUE CONSTRUCTION

TENSES

VERBFORMS

(WORK SHEETS)

LISTENING AND SPEAKING SKILLS

BASIC WRITING SKILLS

JAMS

PICTURE DESCRIPTION

GROUP DISCUSSION

ONE WORD SUBSTITUTES

SENTENCE CORRECTIONS
One word substitutes



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A COURSE IN CONVERSATIONAL SKILLS

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Orkan

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A CERTIFICATE COURSE IN ENGLISH FOR COMPETITIVE EXAMS

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20207-28

women

Freedom Fighter in Indian

SYLLABUS

- ROLE WOMEN FREEDOM FIGHTER IN FREEDOM STRUGGLE.
- LIFE HISTORY OF JANSI LAKSHMI BAI AND ROLE OF FREEDOM STRUGGLE.
- LIFE HISTORY OF ANNE BESENT AND HOME RULE MOVEMENT.
- KASTURIBAI GANDHI-ARUNA ASAF ALI
- VIJAYALAKSHMI PANDIT-SAVITRI BAI PHULE
- SUCHITA KRIPALANI-KALPANA DATTA
- INDIRA GANDHI

OUT COMES

- UNDER STAND THE IMPORTANCE OF WOMEN IN THE FREEDOM STRUGGLE IN INDIA
- THE ROLE PLAYED BY DIFFERENT WOMEN GROUPS AND WOMEN MOVEMENTS TO MAKE INDIA MOVEMENT
- AN IN DEPTH STUDY OF INDIVIDUAL WOMEN FREEDOM FIGHTER WHO FOUGHT FOR OUR FREEDOM AGAINST BRITISH WHICH HAS REMAINED UNTOLD
- THE SACRIFICE AND THE CONTRIBUTION OF EACH WOMEN FREEDOM FIGHTER IN THE FREEDOM STRUGGLE JOURNEY FROM REVOLT 1857 TO QUIT INDIA MOVEMENT 1942.



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PRINCIPAL

K. J. SOMAIYA INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH

2020-21

Journalism

SYALLABUS OF JOURNALISM:

- 1) INTRODUCTION: Origion and Growth of Newspapers in India
- 2) Growth of Nationlist Press, Journalism in 19th Centuary
- 3) Contribution of Famous Personalities, Modern Trends in Journalism Press
- 4) Contribution of National Emient News Papers
- 5) The origion and growth of Telugu News Papers ,changing Trends in Telugu Journalism

LEARNING OUT COMES:

- The important of News Papers on Society, Socio, Economic and Cultural Development
- Enhance the Knowledge about the role of Newspapers in society and understanding its critical role in various aspects
- Students develop critical understanding about the Public Service role of News Paper
- Regular group discussion and other class activities help in better understanding
- Analyzing the work of various news papers their Qualities , duties and the professional requirements.



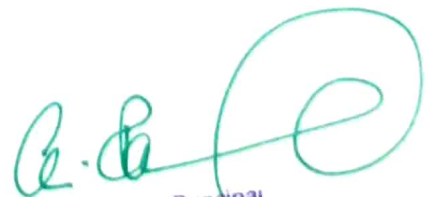

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SYLLABUS FOR GRAPH THEORY: (2017-18)

Introduction to Graphs.
Definition of Graphs and examples.
Different types of Graphs.
Connected and disconnected Graphs
Complement and regular Graphs
Applications of Graphs
Basic Concepts of Graphs
Basic properties of Graphs
Examples of Graphs – Domination number
Definition of components
Cut – edge and Cut – Vertex Graphs
Theorem and Cut – edge,
Induced sub Graphs and theorem,
Fundamental theorem of Graph Theory
Examples and theorems of Graphs
Partition products of Graphs
Complete bipartite Graphs.
Properties of bipartite Graphs – Complete Graphs
Regular Graphs and theorems
Open / Closed walks-path length – theorem
Cycle – circuits- applications of Euler Path
Results and theorems – Eulerian Graphs
Eulerian trails – Hamilton Graphs

LEARNING OUT COMES :

1. Able to define concepts of Graphs , directed Graphs and weighted Graphs.
2. Defines a Graph, identifying edges and vertices.
3. Able to define the properties of Bipartite Graphs particularly in trees.
4. Able to understand regular Graph and regular bipartite Graph.
5. Apply Euler Paths in solving practical problems.


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SYLLABUS: (2018-19)

UNIT-1

Mathematical Reasoning and Aptitude

1. Number Series Test
2. Alphabet Series,
3. Repeated Letter Series
4. Coding and Decoding Test.
5. Blood Relations
6. Puzzle Test
7. Calendar
8. Number System
9. Averages
10. Percentage
11. Time & Distance
12. Time and Work
13. Profit and Loss
14. Probability

UNIT-2

Data Interpretation

1. Sources, acquisition and classification of Data
2. Quantitative and qualitative Data.
3. Graphical representation (Bar-Chart, Histograms, Pie-Chart, Table-Chart and Line-Chart) and mapping of Data.
4. Data interpretation
5. Data and Governance



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SYLLABUS OF VEDIC MATHEMATICS (2019 - 20)

UNIT 1

- 1.1 Introduction
- 1.2 Addition – “Bindavankana method”
- 1.3 Subtraction – “Bindvankana method”

UNIT 2

Multiplication – “Nikhilam Method”

- 2.1 Cross addition method
- 2.2 Cross subtraction method
- 2.3 Cross simplification method

UNIT 3

Special Methods of Multiplication (Multiples and sub-multiples)

- 3.1 100 as Theoretical Base and 50 as working Base
- 3.2 10 as Theoretical Base and 50 as working Base
- 3.3 10 as Theoretical Base and 40 as working Base
- 3.4 10 as Theoretical Base and 30 as working Base
- 3.5 10 as Theoretical Base and 70 as working Base
- 3.6 10 as Theoretical Base and 80 as working Base
- 3.7 10 as Theoretical Base and 60 as working Base

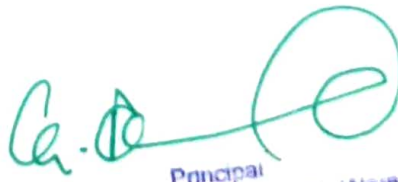
UNIT 4

Multiplication – Urdhva Tiryak Sutra

- 4.1 Multiplication with two digits
- 4.2 Multiplication with three digits
- 4.3 Multiplication with four digits
- 4.4 Multiplication with five digits

UNIT 5

- 5.1 Squares
- 5.2 Square tables
- 5.3 Difference of Squares
- 5.4 Cubes – Anurupya Sutra
- 5.5 Cubes – Yavadhunam Sutra
- 5.6 Division – Nikhilam method


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SYLLABUS: (2020-21)

UNIT-1

INTRODUCTION TO GRAPHS

Graphs, Cycle, Simple Graph, Connected Graph, Directed and undirected Graphs, Complete Graph, Bipartite Graph, Complete Bipartite Graph, empty graph, complements, Regular graphs, Cycles, Paths, Subgraph, Basic Concepts of Graphs.

UNIT-2

BASIC PROPERTIES OF GRAPHS

Distance between two vertices, radius of a connected graph, Diameter, Central point of the graph, centre of the graph, independent set, domination number, Definition of components, cut-edge and cut-vertex, Induced Sub Graph, Union of Graphs, cartesian product of Graphs.

UNIT-3

COMPLETE AND BIPARTITE GRAPHS

Complete bipartite graph, No. of Vertices, Edges and Degrees in Complete Bipartite Graphs, Complete Graph, Clique, complete Multipartite Graph, Regular graph, Regular Bipartite Graph.

UNIT-4

PATHS AND CIRCUITS

Walk, Open and Closed Walks, Trails, Paths, Length of Path, cycle, circuits, euler Path, Application of Euler Path, Eulerian graphs, Eulerian Trail, Eulerian Circuit, Eulerian Graph, Even Graph, Fleury's algorithm



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SYLLABUS FOR OBJECTIVE ARITHMETIC : (2021-22)

Numbers- Face value of a digit in a Number, place value value of a digit in a Number, Types of Numbers, tests of Divisibility, basic formulae, multiplication by short cut method, multiplication using laws.

H.C.F – Method of finding H.C.F (Factorization and division methods)

L.C.M– Method of finding L.C.M (Factorization and short cut methods)

Co-primes, Decimal Fractions, Regular Fractions, addition of decimals, multiplication of two or more decimals, devision of decimals, Recurring decimals,

Simplifications - B O D M A S Rule

Square roots and Cube roots

Averages, Problems on Numbers

Problems on Ages

Percentages

Profit and Loss

Ratio and Proportion

Time and Work

Simple Interest



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LEARNING OUTCOMES :

Knowledge and understanding as well as application and knowledge creation

The above course is very useful for students of all groups irrespective of their courses.

The course is definitely the need of the hour

The students writing competitive exams will be definitely benefited by this certificate course

This course is a boon for all competitive exams.

DAIRY MICROBIOLOGY
2019-2020
SYLLABUS

UNIT-1:

INTRODUCTION TO DAIRY TECHNOLOGY:

Introduction and Development of Dairy in India. Supporting Cooperatives (NDRI, NDDB, and TCMPF) for the Establishment of Dairy forms. Comparison of past and present scenarios of Dairy farming and limitations. Future Scope of Dairy farming farmer.

UNIT-2:

DAIRY HUSBANDARY:

Dairy cattle breeds, Identification and their selection. Breeding methods. Weaning of calf. Pre and Post management.

UNIT-3:

DAIRY MICROBIOLOGY:

Milk and microbes – Common micro organisms in milk – spoilage of milk –

Fermentation of milk; Milk borne diseases. Milk and public health.

UNIT-4:

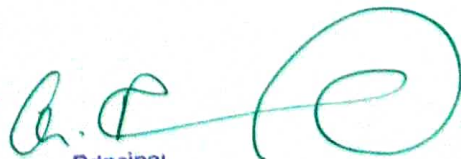
QUALITY ANALYSIS OF MILK:

Sensory analysis of Milk – Determination of Specific gravity, fat, SNF, TS. Acidity & pH in milk and their significance and interpretation.

Determination and significance of MBR Test – SPC – Phosphatase activity in milk – Common adulterants in milk and their detection techniques.

Advanced analytical techniques in milk and milk products.




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DEPARTMENT OF MICROBIOLOGY

CERTIFICATE COURSE ON PREPARATION OF BIOFERTILIZERS 2020-21

SYLLABUS

UNIT-1:

Fertilizers and its use in Agriculture. General Components in the Fertilizers.
Growth factors required for the plants.

UNIT-2:

Bio fertilizers; advantages of use of Biofertilizers. History of the use of Bio-Fertilizers in Agriculture in India. Differences between Biofertilizers and Chemical Fertilizers.

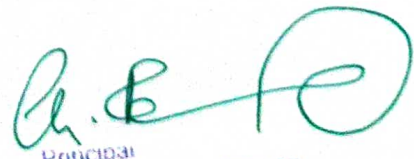
UNIT-3:

Morphology and Characteristics of the micro organisms used as Biofertilizers.
Types and organisms used as Biofertilizers.

UNIT-4:

Preparation of Biofertilizers. Methods involved in the preparation of Biofertilizers.
Advantages of using Biofertilizers over chemical fertilizers.




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CERTIFICATE COURSE ON DEVELOPMENT OF DIAGNOSTIC KITS

YEAR 2021-2022

SYLLABUS

UNIT-1:

History of Medical Diagnosis. Clinical Laboratories: Origin of Clinical Laboratories, History and development.

UNIT-2:

Diseases; importance and role of the Diagnostic tests in identification of the diseases.

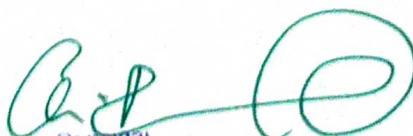
UNIT-3:

Common diagnostic tests and the importance of the tests. Principles involved in the Diagnosis of disease.

UNIT-4:

Advanced methods involved in Diagnosis of disease. Diagnostic kits development. Comparative applications of the Diagnostic Kits.



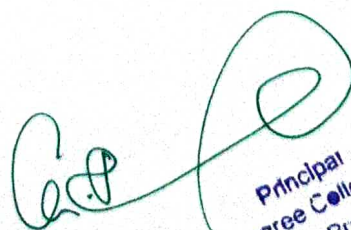

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Syllabus of Public Policy:

- 1) Understanding Public Policy
- 2) Role of Inter Governmental Relations in Policy Making
- 3) Role of Planning commission and National Development council in Policy Formulation
- 4) Role of Cabinet Secretariat and P.M office in Policy Making
- 5) Policy Implementation Problems
- 6) Policy Analysis

Learning Outcomes:

- . Understanding Public Policy and its significance
- . Understanding the meaning and importance of Inter Governmental Relations in process of Policy Making
- . Understanding the role of Planning Commission
- . In depth Understanding of how the PM'S office intervenes in the policies of other ministers and Departments
- . Understanding the problems arising in the course of implementation of public policies
- . Understand the processs of Policy Analysis



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Syllabus of Local Self Government :

Unit 1: Panchayat Raj System after Independence

Unit 2: 73rd and 74th Constitutional Amendment Acts

Unit 3: Local Governance and Marginalised sections

Unit 4: PESA and its Implementation

LEARNING OUTCOMES :

- Understand the essence of landmark 73rd and 74th Constitutional Amendment acts
- Understand the three tier Panchayat Raj Institutions and Urban local bodies
- Understand strategies to strengthen the leadership of elected women representatives and elected Dalit representatives
- Understand the provision under PESA, 1996 and analyse operational issues and suggestions for proper Implementation

Syllabus of HUMAN RIGHTS AND ENVIRONMENT;

- 1) INRODUCTION: ENVIRONMENT AS A BASIC HUMAN RIGHT
- 2) HISTORY OF NATURAL RESOURCES USE IN INDIA
- 3) THE ROOTS OF ENVIRONMENTAL CRISIS
- 4) THE INTERNATIONAL CONTEXT
- 5) DEVELOPMENT VS ENVRINOMENT AND LIVELIHOODS

LEARNING OUTCOMES:

- . In-depth insight into the constitutional ,statutory and institutional aspects of human rights protection in India
- . Demonstrate a good understanding of practical application of human rights to environmental problem in India
- . Display a good understanding of the natural resources and its exploitation effects on marginalised and vulnerable sections
- . Providing understanding of various international conventions on environment
- . Demonstrate how development of industrial technology leads to environment depletion and effects of livelihoods of poeple.



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Syllabus of Contemporary Global Issues:

UNIT 1 : GLOBAL POLITICS AND ENVIRONMENT

UNIT 2: CHALLENGES TO PROLIFERATION OF WEAPONS AND
MASS DESTRUCTION

UNIT 3: NON TRADITIONAL SECURITY THREATS

UNIT 4; REFUGEES AND MIGRATION

UNIT 5: HUMAN SECURITY

LEARNING OUTCOMES :

- Understand the key challenges to Environment Protection and understand initiatives taken by developed and developing countries towards sustainable future
- Understand and analyse various treaties and institutions that are there to enforce control and proliferation of WMDS
- Understand types of Non traditional security threats in the contemporary Global context
- Understand global trends in refugee movement and migration
- Understand interdependent nature of human rights ,human development and human security



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// 2020-21 //

Certificate Course on
Quantitative Aptitude

SYLLABUS:

- ARITHMETIC MEAN
- MEDIAN
- MODE
- HARMONIC MEAN
- GEOMETRIC MEAN



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2021-22

CERTIFICATE COURSE ON ARITHMETIC ABILITY

SYLLABUS:

- BODMAS RULE
- SIMPLIFICATION
- DIVISIBILITY RULES
- FRACTIONS
- LCM & HCF
- CALENDAR & CLOCK
- BLOOD RELATIONS



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2020-21
జర్నలిజం సర్టిఫికేట్ కోర్సు
పాఠ్య ప్రణాళిక

యూనిట్ - 1

భారత దేశంలో పత్రికలు - పూర్వరంగాలు

2. వార్తా పత్రికలకు పూర్వం వార్తా ప్రసార సాధనాలు

3. ముద్రణ పుట్టు పూర్వోత్తరాలు

4. తెలుగు ముద్రణ - వికాసం

5. తెలుగు ముద్రణకు బెంజమీన్ షాస్ట్రీ కృషి

యూనిట్ - 2

6. తెలుగు పత్రికల ఆరంభం

7. పత్రికా వికాసం

8. తెలుగులో సుప్రసిద్ధ సాహిత్య పత్రికలు

9. సుజన రంజని, అముద్రిత చింతామణి, ఆంధ్ర భాషా సంజీవని, పురుషార్థ ప్రదాయిని, భారతి, సృజన, స్రవంతి, ఆంధ్ర ప్రకాశిక, ఆంధ్ర పత్రిక, గోల్కొండ పత్రిక, ఆంధ్ర భూమి, ఆంధ్ర జ్యోతి, మీర్జాన్, వార్త, ఈనాడు, ప్రజాశక్తి, విశాలాంధ్ర, సాక్షి, విజేత.

యూనిట్ - 3

10. పత్రికలకు రాయడం

11. వార్త రాయడం

12. ఫీచర్ రాయడం

13. ఇంటర్వ్యూలు నిర్వహించడం - రాయడం

14. గ్రంథ సమీక్షలు

15. కాలమ్స్ రాయడం

16. సంపాదకీయ నిర్వచనం - రకాలు - రచన

యూనిట్ - 4

17. రిపోర్టింగ్ - ఎడిటర్ - ప్రముఖ తెలుగు పాత్రికేయులు

18. రిపోర్టరు అర్హతలు - లక్షణాలు - విధులు

19. ఎడిటర్ అర్హతలు - బాధ్యతలు - లక్షణాలు - విధులు

20. కందుకూరి వీరేశలింగం, కాశీనాథుని నాగేశ్వరరావు, ముట్నూరి కృష్ణారావు, సురవరం ప్రతాపరెడ్డి, నార్ల వెంకటేశ్వరరావు, న్యాయపతి సుబ్బారావు, ఎ.బి.కె. ప్రసాద్

యూనిట్ - 5

21. మాధ్యమాలకు రాయడం

22. ఇంటర్నెట్ మాధ్యమం ఆవిర్భావ వికాసాలు

23. శీర్షికలు పెట్టడం

24. విరామ చిహ్నాలు

(ఎ) కామా (బి) సెమి కోలన్ (సి) కోలన్ (డి) ఫుల్ స్టాప్ (ఇ) హైఫన్ (ఎఫ్) డాష్ (జి) కోలన్ డాష్ (హెచ్) అశ్చర్యార్థకం (ఐ) ప్రశ్నార్థకం (జి) కొటేషన్స్ (కె) ఆబ్లిక్ (ఎల్) శ్లాష్ (యమ్) బ్రాకెట్లు (ఎన్) క్రింది గీత

జర్నలిజం సర్టిఫికేట్ కోర్సు ప్రశ్నాపత్ర ప్రణాళిక

సమయం : 2.00 గం

మార్కులు : 50

ఈ ప్రశ్నా పత్రము నందు రెండు భాగములుగా ప్రశ్నలు ఇవ్వబడును. మొదటి భాగము నందు మొదటి యూనిట్ నుండి రెండు ప్రశ్నలనూ, మిగతా 2,3,4,5 యూనిట్స్‌లో నుండి ఒక్కో ప్రశ్న ఇవ్వవలెను. మొత్తం ప్రశ్నల సంఖ్య ఆరు. ఆరు ప్రశ్నలలో నుండి మూడు ప్రశ్నలకు వ్యాసరూప సమాధానాలు వ్రాయాలి. ఒక్కో ప్రశ్నకు పది మార్కులు.

3=30మా

2. రెండవ భాగము నుండి ఎనిమిది సంగ్రహ సమాధాన ప్రశ్నలు ఇవ్వవలెను. ప్రతి యూనిట్ నుండి ఒక్క ప్రశ్ననూ లేదా అవసరాన్ని బట్టి రెండు ప్రశ్నలను కూడా ఇవ్వవచ్చును. నాలుగు ప్రశ్నలకు సమాధానాలు వ్రాయాలి. ఒక్కో ప్రశ్నకు ఐదు మార్కులు.

45=20మా

2021-22
సినిమా స్క్రిప్ట్ రచన (సర్టిఫికేట్ కోర్సు)
పాఠ్య ప్రణాళిక

యూనిట్ - 1

తెలుగు సినిమా ఆవిర్భావ వికాసాలు, తెలుగు కథ ఆవిర్భావ వికాసాలు

యూనిట్ - 2

సాహిత్య కథ - సినిమా కథ, సినిమా కథ ప్రత్యేక లక్షణాలు, సినిమా కథ - వైవిధ్యం

యూనిట్ - 3

సినిమా స్క్రిప్ట్లు - వర్గీకరణం, సినిమా స్క్రిప్ట్ రచన - ముఖ్య సూత్రాలు, సెన్సార్ వారి సూచనలు

యూనిట్ - 4

సినిమా స్క్రిప్ట్ రచన - టెర్మినాలజీ, సినిమా స్క్రిప్ట్ - లే అవుట్, ఐడియా నుండి సినిమా స్క్రిప్ట్ రచన - దశలు

యూనిట్ - 5

'మల్లీశ్వరి', 'ఓ చిన్నారి కోరిక' సినిమా స్క్రిప్ట్ల వివరణ

సినిమా స్క్రిప్ట్ రచన (సర్టిఫికేట్ కోర్సు)
ప్రశ్నాపత్ర ప్రణాళిక

సమయం : 2.00 గం

మార్కులు : 50

1. ఈ ప్రశ్నా పత్రము నందు రెండు భాగములుగా ప్రశ్నలు ఇవ్వబడును. మొదటి భాగము నందు ప్రతి యూనిట్ నుండి ఒక్కో ప్రశ్న చొప్పున ఇవ్వవలెను. మొత్తం ప్రశ్నల సంఖ్య ఐదు. ఐదు ప్రశ్నలలో నుండి మూడుప్రశ్నలకు వ్యాసరూప సమాధానాలు వ్రాయాలి. ఒక్కో ప్రశ్నకు పది మార్కులు. $3 \times 10 = 30$ మార్కులు.

2. రెండవ భాగము నందు రెండు కథలను ఇచ్చి వాటిలో ఒక దానిని సినిమా స్క్రిప్ట్ రూపంలో వ్రాయమని అడగాలి.

$1 \times 20 = 20$ మార్కులు

2018-2019

Fabric painting Course Syllabus

S.No	Topic
1	Pencil movements
2	Pencil movements
3	Freehand drawing
4	Freehand drawing
5	Freehand drawing
6	Shading
7	Shading
8	Shading
9	Shading
10	Nature work
11	Nature work
12	Nature work
13	Creative designs
14	Creative designs
15	Creative designs
16	Creative designs
17	Figurative work
18	Figurative work
19	Figurative work
20	Figurative work
21	Pearl colors
22	Pearl colors
23	Pearl colors
24	Pearl colors
25	Fabric colors
26	Fabric colors
27	Fabric colors
28	Tie-Dye Process
29	Types of dyes
30	Folding
31	Valedictory



[Signature]

Principal

Y.A. Govt. Degree College for Women,
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Learning and mastering Taekwondo is way simpler than you might think. Emphasize these 14 moves while you practice, and you'll reach your black belt in no time. Even better, you'll get good at Taekwondo FAST. To review, these are the moves you need to focus on:

Straight Punch

Low Block

Front Kick

Knife Hand Strikes

Back Fists

Inside Block

Side Kick

Double Forearm Block

Face Block

Round Kick



A stylized, cursive handwritten signature in green ink.

Principal
Y.A. Govt. Degree College for Women
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SYLLABUS FOR TAEKWONDO

MONTH -I

Straight Punch. The first starts from a chamber on the hip, and is then thrust straight forward. Impact is made on the two big knuckles. According to the 14 basics, it should be performed from the horse stance and front stance. (All of these punch combinations make up 3 of the original 14 movements.)

Low block. This is the first block you learn in Taekwondo. Put your fist to your opposite shoulder, then sweep it downward in front of the pelvis, stopping on or just past the same-side leg of the blocking arm.

Front Kick. The front kick is the foundation of every kick in Taekwondo. Just about every kick begins with the front kick chamber. All the major kicking principles are learned here. (Also, *don't discount it as an effective self-defense tool!*)

Month-II

Knife Hand Strike. Yep, this is the karate chop. It can be down towards the outside, with the palm facing down. Or it can be done towards the inside, with the palm facing up. You make impact on the "meat" or "knife" of the hand. Usually targets the trachea, side of the neck, or temple.

Back Fist Strike. Bruce Lee loved it. It's quick and it works. It can be an outward movement to the head, or flipping movement to the phylum beneath the nose.

Inside block. An inward sweeping motion to protect the body by hitting attacks off to the side.

Side Kick. The staple of Taekwondo. People will judge your overall ability in Taekwondo based on this ONE kick. Performed off the back leg, as a "simple" forward kick, the side kick requires you to bring the leg all the way to your side, then to thrust it straight forward. (While most of the other moves are easy, this one can be a challenge!)

Month III

Hand-blade / Double Forearm Block. An iceberg of a technique, and quite often misunderstood. One hand blocks while the other is ready — actually, in transition — for a follow-up strike. It can be used as a fighting guard as well as a block.

Face Block. Shoot your arm up at an angle, stopping it just over your brow. It should look like a roof or a church steeple. This makes strikes glance off and protects your head. Good for weapon defense.

Round Kick. Arguably the most popular kick of all martial arts. Very quick and super useful in sparring. Taekwondo has a unique method of executing the round kick.

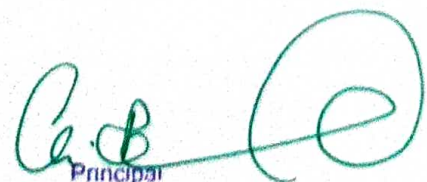
Boiled Down:

2018-2019

Beauty Course Syllabus

S.No	Topic
1	Threading & Facial
2	Threading, Skin structured types
3	Threading
4	Waxing
5	Waxing
6	Massage technics
7	Head massage
8	Manicure
9	Pedicure
10	Tan
11	Clean up
12	Bleach
13	Bleach
14	Facial
15	Facial
16	Facial
17	Steam machine
18	Steam machine
19	Skin analysis
20	Hair cuts
21	Hair cuts
22	Hair cuts
23	Henna
24	Dye
25	Mehndi basics
26	Makeup
27	Makeup
28	Saree draping
29	Bridal makeup
30	Bridal makeup, Closing ceremony




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2019-2020

Fabric painting
Course Syllabus

S.No	Topic
1	Pencil movements
2	Pencil movements
3	Freehand drawing
4	Freehand drawing
5	Freehand drawing
6	Shading
7	Shading
8	Shading
9	Shading
10	Nature work
11	Nature work
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DYEING AND HAND CRAFTS COURSE
SYALLABUS

Introduction to handicrafts and fabrics

Techniques of glass painting

Tie-dye techniques

Fabric painting techniques

Hand embroidery

Applique work

Beadwork

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2020-2021

Beauty Course Syllabus

S.No	Topic
1	Threading & Facial
2	Threading, Skin structured types
3	Threading
4	Waxing
5	Waxing
6	Massage technics
7	Head massage
8	Manicure
9	Pedicure
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Y.A. Govt. Degree College for Women
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Certificate course in Dyeing and designing

Course	Syllabus
1 month certificate course	Applied Art on Textiles Basics of Computer Science Application Colour Mixing Communication and Graphic Design Computer-Aided Design (CAD) & Weave Design Design, Art and Basic Design Design Elements and Principles Dyeing Embroidery Exhibition Design Fine Arts- Drawing Sculpture and Painting Foundation Programme in Design Graphic Software And Its Usage For Image Creation History Of Art Marketing And Merchandising Print Design Printing & Finishing Principles Of Resource Management Professional Management Properties Of Materials Quality Analysis & Assurance Surface Development Techniques Textiles And Clothing Textile Design And Applied Arts Textile Dyeing And Pattern Making



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Knife Hand Strikes

Back Fists

Inside Block

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Double Forearm Block

Face Block

Round Kick



A stylized, cursive handwritten signature in green ink, located above the printed name of the Principal.

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SYLLABUS FOR TAEKWONDO

MONTH -I

Straight Punch. The first starts from a chamber on the hip, and is then thrust straight forward. Impact is made on the two big knuckles. According to the 14 basics, it should be performed from the horse stance and front stance. (All of these punch combinations make up 3 of the original 14 movements.)

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Round Kick. Arguably the most popular kick of all martial arts. Very quick and super useful in sparring. Taekwondo has a unique method of executing the round kick.

Boiled Down:

Syllabus for certificate course in Yoga

Unit 1: Introduction to Yoga and Yogic Practices

1. Yoga: Etymology, definitions, aim, objectives and misconceptions
2. Yoga: Its Origin, history and development
3. Rules and regulations to be followed by Yoga Practitioners
4. Introduction to major schools of Yoga (Jnana, Bhakti, Karma, Patanjali, Hatha)
5. Introduction to Yoga practices
6. Shatkarma: meaning, purpose and their significance in Yoga Sadhana
7. Introduction to Yogic Sukshma Vyayama, Sthula Vyayama and Surya Namaskar

Unit 2: Introduction to yoga Texts

1. Introduction and study of Patanjala Yoga Sutra including memorization of selected Sutras (P.Y.S. 1/2, 14, 2/1, 27, 29, 46, 47, 49)
2. Introduction and study of Bhagavad Gita including memorization of selected Slokas (B.G. 2/47, 48, 50 3/13)
3. Concept of Aahara (Diet) according to Yogic texts
4. Significance of Hath Yoga practices in Health promotion
5. Concept of mental well-being according to Patanjali Yoga
6. Yogic practices of Patanjali Yoga: Bahiranga and Antaranga Yoga
7. Concept of healthy living in Bhagwad Gita
8. Importance of subjective experience in daily Yoga Practice

Unit 3: Yoga for Health Promotion

1. Brief introduction to Human Body
2. Role of Yoga for health promotion
3. Yogic attitudes and practices
4. Introduction to Yogic Diet and its relevance and importance in Yoga Sadhana
5. Dinacharya and Ritucharya with respect to yogic life style
6. Holistic approach of Yoga towards Health and Diseases
7. Introduction to First aid and CPR
8. Yogic management of stress and its consequences
9. Yoga in prevention of common disease
10. Yoga and Personality development



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2017-18
Certificate course
Tailoring

Course Syllabus

S.No	Topic
1	Heming
2	Uksulu, Kajalu
3	Riding the mission
4	Papper cutting
5	Body Measurements
6	Types of Hands
7	A Sample Blouse
8	Frok /Gown
9	Skirts
10	Design Blouse
11	Model Dresses
12	Panjabi Dresses



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2017-2018
Certificate course

Recreation Course Syllabus

S.No	Topic
1	Threading & Facial
2	Threading, Skin structured types
3	Threading
4	Waxing
5	Waxing
6	Massage technics
7	Head massage
8	Manicure
9	Pedicure
10	Tan
11	Clean up
12	Bleach
13	Bleach
14	Facial
15	Facial
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