

**ETHIRAJ COLLEGE FOR WOMEN (Autonomous)**

**Chennai - 600 008**

*Affiliated to the University of Madras*

*College with Potential for Excellence*

*Reaccredited with A+ Grade by NAAC*



## **1 CURRICULUM ENRICHMENT**

### **1.3.2 VALUE ADDED COURSES**

**\*BROCHURES/CERTIFICATES**

# Enhancing Employability Through Online Training in Soft Skills

## UNIT-1

- Soft Skills: An Introduction
- Process, Strategies and Methods of Soft Skills Development
- Self-Discovery, Positive Thinking, Theories of Motivation

## UNIT-2

- Interview and Presentation Skills
- Time Management
- Personality Development
- Social/Business Etiquettes and Manners

## UNIT-3

- Decision making and Problem-Solving Skills
- Stress/Conflict Management
- Leadership Qualities
- Emotional Intelligence

## UNIT-4

- Verbal and Non Verbal Communication
- Interpersonal Communication
- Public Speaking
- Group Discussion

- A Certificate Course on **Enhancing Employability Through Online Training in Soft Skills** will be conducted by the PG and Research Department of English from 23rd January 2021 till 30th January 2021 for the UG students.
- A Certificate will be issued after successful completion of the course.

### COURSE CONVENOR & HEAD:

Dr.J. Mangayarkarasi

### COURSE CO-ORDINATOR:

Dr. R. Preethi

### STAFF CO-ORDINATORS:

Dr. Ramana Devika

Ms. Namitha Ann Thomas

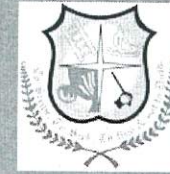
Dr. J. MANGAYARKARASI

M.A., M.Phil., PGCTE (EFLU), Ph.D.,  
PG AND RESEARCH DEPARTMENT OF ENGLISH  
ETHIRAJ COLLEGE FOR WOMEN,  
CHENNAI-600 008.

Duration: 20 hours  
Forenoon Session: 11:00am - 1:00pm  
Afternoon Session: 2:30 - 4.30pm

CHENNAI-600 008.

ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)



PG AND RESEARCH  
DEPARTMENT OF ENGLISH  
(AIDED)

Enhancing Employability Through  
Online Training in  
Soft Skills



Duration: 20 hours

Eligibility: Open to all UG students

VALUE ADDED COURSE  
2020-2021

For Registration, students are requested to  
fill the Google Form in the link below:

<https://forms.gle/bAwIXSh73cNQzZYJA>

3. ✓ 18/18/20



*We are the shapers  
of great minds and  
honorable values.*

## Contact Us

Dr..SARADHA A

Mobile: 8072889699

e-mail: ethieconeco@gmail.com

Value Added Courses - (SPSS - Life Healing)  
Ethiraj College for Women  
Postgraduate and Research  
Department of Economics



## STATISTICAL PACKAGE FOR SOCIAL SCIENCES (SPSS)

VALUE ADDED COURSE  
FOR UNDERGRADUATE STUDENTS



*Disharini*  
28/12/23

*Dr. D.B. Usha Rani*

M.A., M.Phil., Ph.D.,  
Associate Professor  
Dept. of Economics  
Ethiraj College For Women  
Chennai - 600 008.

Shaping Minds  
— Since 2017 —

*S. Murugesan*

PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
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CHENNAI-600 008.

## Overview of the Course: Topics Covered

This is a practical course that will introduce you to SPSS and its uses for statistical analysis through hands-on experience.

Course Duration : 40 Hours

- Getting started with SPSS files
- Data entry: manually and from excel
- Editing and organising datasets
- SPSS options and functions
- Descriptive statistics
- Graphical displays
- Parametric significance tests
- Nonparametric significance tests

## Course Outcome

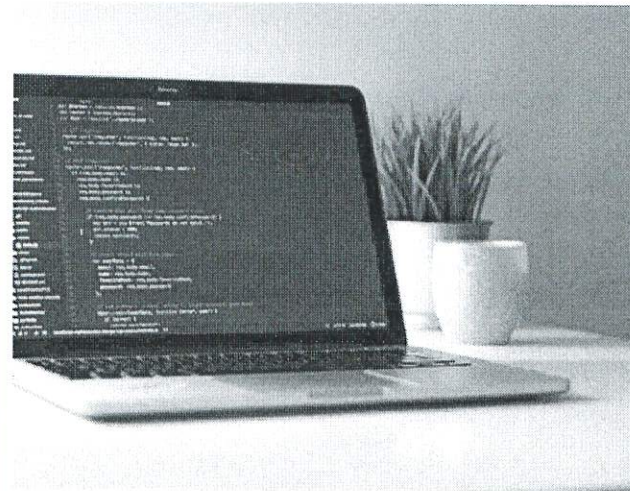
At the end of this course, you will be able to:

- Navigate the SPSS user interface, and be familiar with the menu
- Apply appropriate descriptive analytic techniques to answer questions on your data
- Interpret the results of the covered techniques
- Know how to graphically describe your data
- Report your data analysis results in a meaningful way

## BENEFITS OF THE COURSE:

The course helps Students to:

- learn how to use SPSS statistics.
- learn how to use descriptive analytics to describe data
- refresh and sharpen your descriptive statistics skills.



*Expand your horizons and pave the way for the future!*

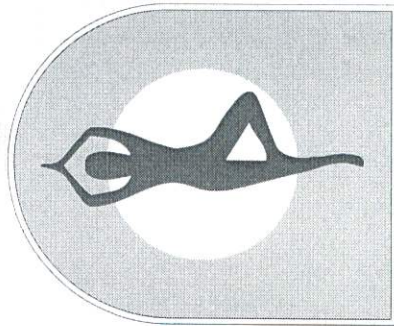
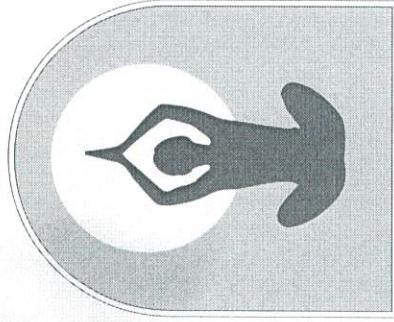
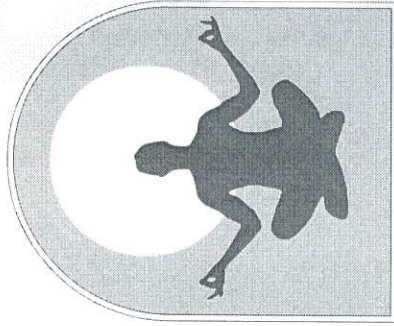
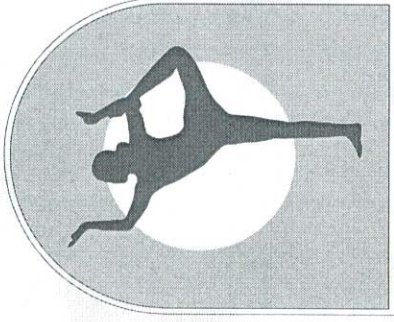
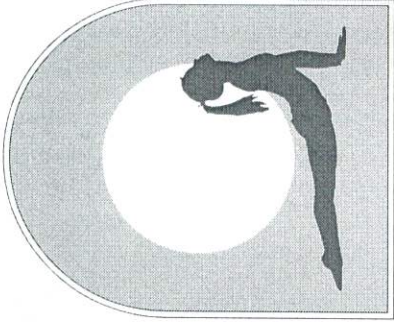
*Dhisharan*  
*28/7/23*

*Dr. D. B. Usha Rani*  
M.A., M.Phil., Ph.D.,  
Associate Professor  
Dept. of Economics  
Ethiraj College For Women  
Chennai - 600 008

*Principals*  
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CHENNAI-600 008



*Life Healing*  
Ethiraj College for Women



2

**TAKE A BREATH AND BELIEVE IN YOURSELF**

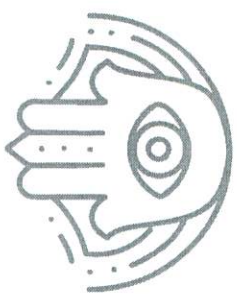
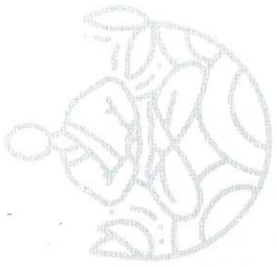
*Deborah 20/7/23*

Dr. D. B. Usha Rani

M. Phil., Ph.D.  
Associate Professor  
Dept. of Economics  
Ethiraj College for Women  
Chennai - 600 008.

POSTGRADUATE AND RESEARCH  
DEPARTMENT OF ECONOMICS  
*Deborah*

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CHENNAI-600 008.



# LIFE HEALING THERAPIES

VALUE ADDED COURSE

FOR UNDERGRADUATE STUDENTS

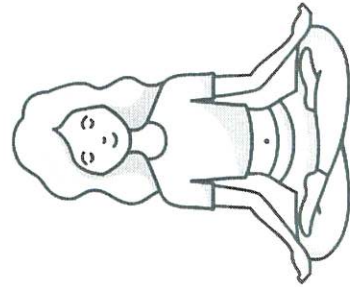
## Overview of the Course:

- To have a Holistic approach towards stress free living
- To bring Body, Mind and Soul in to a state of harmony.

Course Duration : 40 Hours

Collaborating Agency

Heartfulness Institute



Contact Us

**Dr. B. Shyamala**

Mobile 9384619797

e-mail: ethieconeco@gmail.com

*Dr. B. Shyamala*  
28/7/20

*Dr. D. B. Usfia Rani*  
M.A., M.Phil., Ph.D.,  
Associate Professor  
Dept. of Economics  
Ethiraj College For Women  
Chennai - 600 008.

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# Topics Covered:

Yoga, Breathing Techniques, Meditation, Mudras, Acupressure, Affirmations, Symbols, theory and practical sessions.

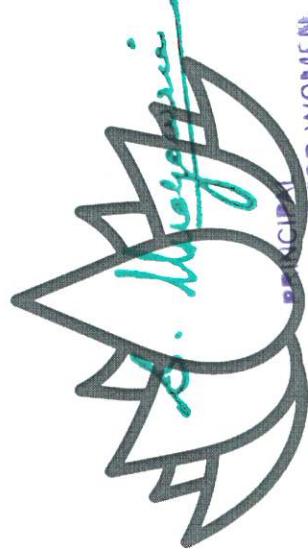
# Course Outcome:

- To help the students face everyday situation with ease and confidence.
- To lead a healthy and balanced life.

# Benefits of the Course:

It helps students working into more efficient work flows and easier problem solving methods to balance active life style.

*Dushay*  
28/7/23



Dr. D. B. Usha Rani  
M.A., M.Phil., Ph.D.<sup>(a)</sup>  
Associate Professor  
Dept. of Economics  
Ethiraj College For Women  
Chennai - 600 008.

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## OBJECTIVES OF THE COURSE

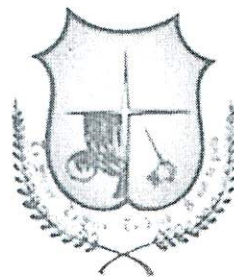
- To train students on basic bioinformatics software and tools
- To explain how bioinformatics is directly involved in Zoology
- To deliver the sequence homology and analyze the Phylogenetic Tree using Bioinformatics software and tools
- To predict the 3D structure of gene-coded protein sequences.

## OUTCOME OF THE COURSE

The students will be able to

- Understand the basic techniques related to Bioinformatics software and tools which would be helpful in their future research works.
- Gain knowledge on how to effectively extract information from large database.
- Broadening their knowledge in the field of Cheminformatics and Pharmacokinetics which are the futuristic techniques in modern biological science

## ETHIRAJ COLLEGE FOR WOMEN



PG AND RESEARCH DEPARTMENT OF  
ZOOLOGY

30 HOURS VALUE ADDED  
COURSE IN  
BIOINFORMATICS  
2021-2022

Conducted By

Dr. Mrs. D. Leelavathi, Ph.D.,

Assistant Professor

Department of Zoology,

Ethiraj College for Women, Chennai - 08

9176217144,

leelavathi\_d@ethirajcollege.edu.in

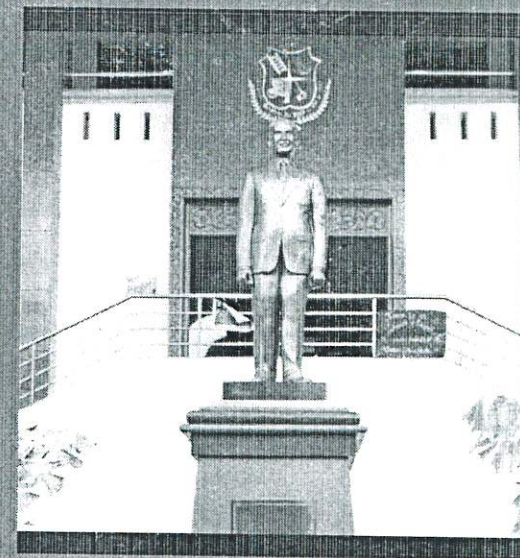
Outsourcing :

Dr. Balaji Munivelan, Ph.D

CEO & Senior Bioinformatician

ABS Genoinformatics

bioinfobalaji@gmail.com



TITLE OF THE COURSE:  
BIOINFORMATICS

Duration: 30 Hrs

*P. Anand*  
Nurturing Young Minds by  
Mrs. P. ANAND  
Associate Professor and Head  
PG & Research  
Department of Zoology  
Ethiraj College for Women, Chennai  
biological network

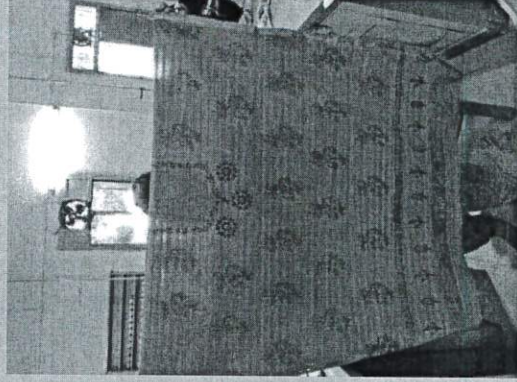
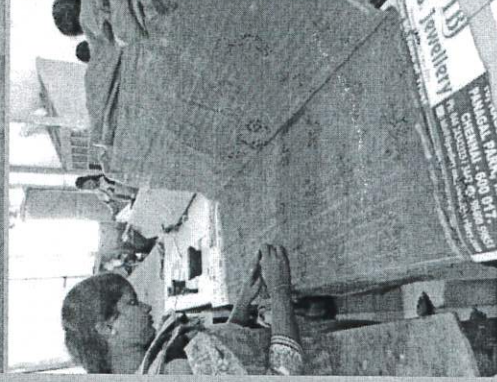
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CHENNAI-600 008.



Chemistry VALUE ADDED  
BROCHURE  
Cafepa-1 (2021-2)

Head in-charge of the  
department:  
Mrs. M. Vijaya

Faculty in -charge:  
Dr. P. Gayathri  
Mrs. Umamaheswari. R

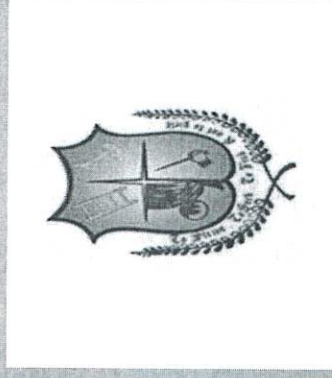


Contact us:

chemistry.chemistry  
@ymail.com

Ethiraj College for  
Women (Autonomous)  
Chennai-08

Department of  
Chemistry



Dyeing & Printing of  
Fabrics

2021-2022

H. Vijaya

S. Manjamma

PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
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CHENNAI-600 008.

HEAD  
DEPT. OF CHEMISTRY  
ETHIRAJ COLLEGE FOR WOMEN  
CHENNAI 600 008.

**About the department:**

The department is offering Chemistry as both Major and Allied subjects at UG level since 1957 and grew into a post graduate department in 1989. The department was upgraded to a research department in 2005 offering M.Phil programme and is now a fully-fledged research department offering Ph.D programme in Chemistry from 2012. The department has excellent infrastructure with well-equipped laboratories which meet the demands of modern technology. The department has dedicated faculty members who have the expertise in teaching the various branches of Chemistry and carry out novel research activities matching with the current trend. The students of the department exhibit their excellence in academics by clearing national eligibility tests, etc and also extra-curricular activities.

**Training Overview**

1. To have a knowledge about the types and characteristics of dyes.
2. To impart skill in dyeing and printing of textiles.
3. To inculcate entrepreneur skills in textiles dyeing.

**Duration:**

**40 Hours**  
[25 Hours (theory)  
+  
15 Hours (Practical)]

**Fee Structure:**

Rs.1000/- per candidate

**Eligibility Criteria:**

Offered to the UG Students of all disciplines

M. Vijaya

S. Mageswari

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ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.

DEPT. OF CHEMISTRY  
ETHIRAJ COLLEGE FOR WOMEN  
CHENNAI 600 008.

**OFFERED TO ALL  
FINAL YEAR  
UNDERGRADUATE  
STUDENTS OF PLANT  
BIOLOGY AND PLANT  
BIOTECHNOLOGY**

**THINK BEYOND THE  
BOUNDARIES-LEARN  
AND EARN**

**45 HOUR  
COURSE**

**Contact us:  
e-mail  
ethirajpbpb@gmail.com  
pbpb1331@ethirajcollege.edu.in**



**Ethiraj College For  
Women  
(Autonomous) Chennai**

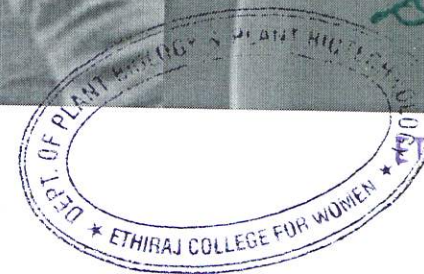
**Value Added  
Course  
Diagnostic  
Lab Techniques**

**DEPARTMENT OF PLANT  
BIOLOGY AND PLANT  
BIOTECHNOLOGY**

*S. Manjamma*

**PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
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CHENNAI-600 903**

*for STD  
Larika*





**ETHIRAJ COLLEGE FOR WOMEN (Autonomous)  
DEPARTMENT OF COMMERCE (SS)**

**VALUE ADDED COURSE**

**FUNDAMENTALS OF CAPITAL MARKETS**

**Overview of the course:**

The Comprehensive Program aims to increase financial literacy among graduates and Post students in relation to capital and financial Markets.

**Topics:**

- Structure of the financial markets in India.
- Problems of the unorganized sector.
- Role of the various regulators.
- Demonetization, Digitalization & Transformation of Indian economy into cashless society
- Role of payment banks.
- NBFC'S.
- Importance of CASA for a bank.
- Difference between savings and investment.
- Appreciating Risk.
- Importance of the time value of money.
- Evolution of the Indian financial Markets.
- Primary and secondary Markets.
- Types of capital.
- Introduction to market indices.
- Introduction to mutual funds.
- The OTC markets.
- Depositories and their role.
- Methods of analyzing the share market.
- Importance of ratios.
- Credit rating and it's role.
- Introduction to derivative markets.

*A. S. Gayathri*

A. S. Gayathri  
June 18/23

**PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.**

**Dr. A. S. Gayathri**  
Associate Professor & Research Supervisor  
PG & Research Department of Commerce (Aided)  
Ethiraj College for Women (Autonomous)  
Chennai - 600008

- Introduction to financial planning and securities market.

**Course Outcome:** Up on successful completion of the course, Students will be awarded a certificate from NSE Academy.

**Benefits of the course:**

The program is designed to train Students to become productive from the first day of their job.

- This is achieved through an experiential learning method.
- The thrust of this unique training program is to impart role – Specific knowledge on capital & Financial products and processes, Stock broking operations, functional knowledge of products and services.
- Domain – Specific areas such as Equities, Derivatives & Commodities, Bonds & Real estate.

**Eligibility criteria:** UG and PG Students of Business Studies

**Course Duration : 30 Hrs**

Collaborating agencies (if any): FINMARK TRAINERS INDIA PVT. LTD.

For registration contact the Department of Commerce  
Department Email ID: [commerce1332@ethirajcollege.edu.in](mailto:commerce1332@ethirajcollege.edu.in)

A. S. Gayathri  
(Faculty Head)

**Dr. A. S. Gayathri**  
Associate Professor & Research Supervisor  
PG & Research Department of Commerce (Aided)  
Ethiraj College for Women (Autonomous)  
Chennai - 600008

S. Anjaneesha

PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
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CHENNAI-600 008

6

## ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

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### PHYSICS FOR COMPETITIVE EXAMS

**Name of the Department:** PHYSICS (AIDED)

**Overview of the course:**

The Course is especially for the students across various disciplines who approach State and National Level entrance examinations like TNPSC, UPSC, RRB and other Armed Forces Exams. The Course concentrates in the basics and gives core importance on problem solving skills.

**Course Duration:** 45 hours

**Eligibility criteria:** UG Students (Aided) from all disciplines

**Topics:** Mechanics and Properties of Matter, Heat, Thermodynamics, Statistics, Optics, Wave Physics, Electricity and Magnetism.

**Course Outcome:** To enable the students to crack questions ranging from the fundamental concepts to tougher levels in the State and National Level entrance examinations.

**Benefits of the course:** It kindles the problem solving and analytical skills of the students.

**Collaborating agencies (if any):** Nil

**For registration contact the Department of Physics**

**Department Email ID:** physics1331@ethirajcollege.edu.in

*A.V. Jhone Verjhula*  
*03/05/2023*

Dr. Tmt. A.V. JHONE VERJHULA  
M.Sc., M.Phil., Ph.D.,

Head, Dept. of Physics,  
Ethiraj College for Women (Autonomous)  
Chennai - 600 008.

*S. Mageswari*

PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008

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### MAINTANENCE OF MODERN EQUIPMENTS

**Name of the Department:** PHYSICS (AIDED)

**Overview of the course:**

The Course focusses on the fundamentals of electricity and electric circuits and to understand the functioning and troubleshooting of modern home equipment used in the day-today life.

**Course Duration:** 30 hours

**Eligibility criteria:** UG Students (Aided) from all disciplines

**Topics:** Basic Concepts of Electricity, Simple Electric Circuits and Components, Home Appliances and Safety Measures.

**Course Outcome:** This course imparts prerequisite knowledge to the students to maintain home appliances by troubleshooting minor errors; whilst still being aware of precautionary measures.

**Benefits of the course:** The students would recognize the applications of Physics and Electrical Sciences in their daily lives.

**Collaborating agencies (if any):** Nil

**For registration contact the** Department of Physics

**Department Email ID:** physics1331@ethirajcollege.edu.in

*Arghya Verjula*  
03/05/2023

Dr. Tmt. A.V. JHONE VERJHULA  
M.Sc., M.Phil., Ph.D.,

Head, Dept. of Physics,

Ethiraj College for Women (Autonomous)  
Chennai - 600 008.

*S. Mageswari*

PRINCIPAL

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CHENNAI-600 008.

## ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

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# MATLAB for Beginners

**Name of the Department:** Physics SS

**Overview of the Course:** To appraise the students with MATLAB programming for math computation

**Course Duration :** 40 Hrs.

**Eligibility Criteria:** Inter - disciplinary UG, PG students of any year and Research Scholars

**Topics:** MATLAB – An introduction, Script files and data management, Arrays, Plots

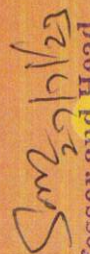
**Course Outcome:** Structure, various commands, arrays and plots in MATLAB are explored

**Benefits of the course:** Program writing skill using simple commands

**Collaborating agencies (if any):** Nil

**For registration contact the Department of Physics SS**

**Department Email ID:** physics1332@ethirajcollege.edu.in

  
Asso. Professor and Head  
Department of Physics (SS)  
Ethiraj College for Women  
Chennai-600 008

  
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CHENNAI-600 008.



- Without Mathematics there's nothing you can do. Everything around you is Mathematics. Everything around you is numbers.

- Shakuntala Devi



### 40 Hours Course

Course Coordinator:

Dr. C. Sivapoornapriya

For registration contact:

[ethimathsday@gmail.com](mailto:ethimathsday@gmail.com)  
[maths1331@ethirajcollege.edu.in](mailto:maths1331@ethirajcollege.edu.in)

*S. Mageswari*  
 PRINCIPAL

ETHIRAJ COLLEGE FOR WOMEN  
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 CHENNAI-600 008.

## ETHIRAJ COLLEGE FOR WOMEN

(AUTONOMOUS)



DEPARTMENT OF MATHEMATICS  
 (AIDED)

Higher Level Mathematics for  
 Competitive Examinations  
 (2021-2022)

Logical Thinking

Find the missing number ?

?	1
18	3
11	6

Logical Reasoning

*R. Prashanth*  
 Head of Department of Mathematics  
 Ethiraj College for Women  
 Chennai - 600 008

## ABOUT THE DEPARTMENT

The Department of Mathematics established in the year 1948, was one of the founding Department, offering Mathematics as an ancillary subject to the students of other disciplines. In 1980, it became a major Department offering UG degree and in 1994, PG programme was offered in the Self-Supporting stream. M.Phil programme was introduced in 2005. There are 7 highly committed and experienced faculty members who have striven to set high standards of teaching. The salient feature of the undergraduate program is that the curriculum has the right blend of Mathematics, Statistics and Coding subjects which prepares the students for a career in Mathematics, Statistics, Data Science or Actuaries. The department has succeeded in this endeavor and many of our students are currently pursuing their higher studies in prestigious institutions such as IISC, IIT, ICMR, CMI, Anna University, DePaul University-Chicago. Our students have brought several laurels to the Department by winning many University ranks, consecutively right from the inception of the Department. The alumna of our Department are placed in very good positions in various sectors of employment across the globe.

## Training Overview of the Course:

Verbal, Non-Verbal, Logical Reasoning, Data Interpretation and Arithmetic ability are an integral part of any competitive examination. This course is designed to improve the problem solving skills of the students.

### Topics:

- Verbal, Non-Verbal Reasoning
- Logical Reasoning
- Data Interpretation
- Arithmetic Ability

### Course Outcome:

On successful completion of the course students will be able to

- Interpret data from Bar graphs, Pi-charts
- Solve Arithmetic problems
- Solve problems on Verbal, Non-Verbal Reasoning and Logical Reasoning

### Benefits of the Course:

This Course will be extremely helpful for those students who aspire to appear in various Competitive exams like Banking, Railway Recruitment Board, Staff Selection Commission and TNPSC etc.

### Fees Structure:

Rupees: 550 /- per candidate

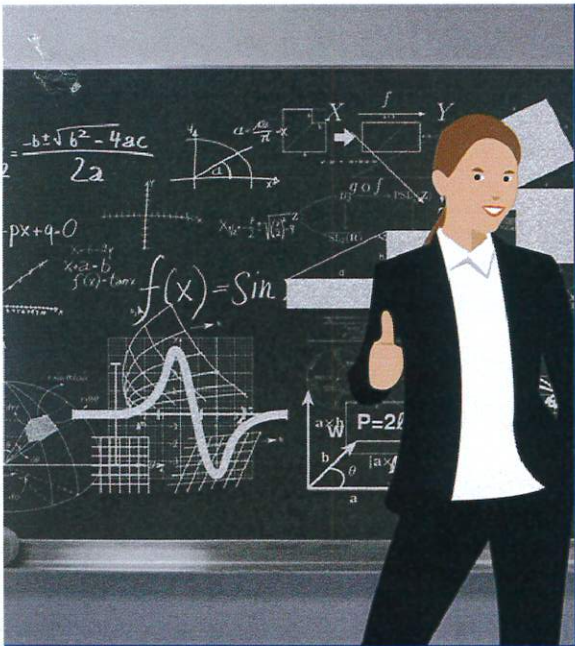
### Eligibility Criteria

All U.G. students (Aided)

*S. Nageswari*  
PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.

*R. Prabha*

Department of Mathematics  
Ethiraj College for Women  
(Autonomous)  
Chennai-600 008.  
R00 009-008



*Doing Mathematics should always mean finding patterns, crafting beautiful and meaningful explanations.*

(10)

**Course Duration  
40 hours**

**Staff Incharge  
Dr. A. Robina Tony**

**For Registration Contact:**

**Department of Mathematics (SS)  
Room No. A335  
Annexe Block**

**Email**

[matheve89@gmail.com](mailto:matheve89@gmail.com)  
[maths1332@ethirajcollege.edu.in](mailto:maths1332@ethirajcollege.edu.in)

*Stanley*  
*21/7/23*

**Dr. K. Ezhilarasi Hilda, M.Sc., M.Phil., B.Ed**  
Associate Professor & Head  
Department of Mathematics (SS)  
Ethiraj College for Women (Autonomous)  
Chennai - 600 008



**ETHIRAJ COLLEGE FOR  
WOMEN  
(AUTONOMOUS)**

**DEPARTMENT OF  
MATHEMATICS  
(SELF SUPPORTING)**

**VALUE ADDED COURSE  
2021 - 2022**

**COMMON APTITUDE  
MATHEMATICS**

## About the Department

Department of Mathematics(SS) was established in the year 1989. In 1994 M.Sc. Mathematics was introduced and many students have secured university ranks. Faculty members are guiding M.Phil., students and other college students also in their Internships and Projects. The Department takes active part in interdisciplinary courses offered by other departments and is committed to impart high quality education in Mathematics. The Department has strongly motivated faculty members with diverse specialization in Mathematical Sciences and thus providing a potential for pursuing research. Our faculty members have a high sense of purpose and dedication towards working together, so as to ensure a potential of excellence in academics and research.

Our students are serving humanity through teaching in Schools, Colleges and Universities and are also rendering their service in reputed companies.

## Training Overview of the Course :

Reasoning and Logic based problems are an integral part of any competitive examination. This course is designed to improve the reasoning, logical skills and arithmetic ability of the students.

### Topics:

- ◆ Logical Reasoning
- ◆ Verbal Reasoning
- ◆ Arithmetical Ability

### Course Outcomes:

On successful completion of the course students will be able to

1. Solve problems on Verbal and Logical Reasoning.
2. Solve Arithmetic problems.

## Benefits of the Course:

This Course will be extremely helpful for those students who aspire to appear for various Competitive exams like Banking, TNPSC, Railway Recruitment Board, etc.

Fees Structure:  
Rs. 500/- per student

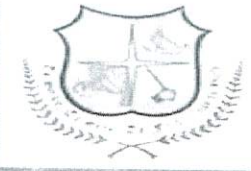
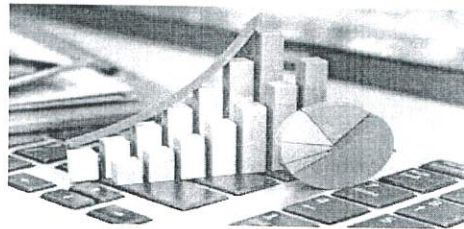
Eligibility Criteria :  
All UG students (SS)

Dr. K. Ezhilarasi Hilda, M.Sc.,  
Associate Professor &  
Department of Mathematics  
Ethiraj College for Women (Autonomous)  
Principal  
ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)

## Department Profile



The Department of Corporate Secretaryship was established in 1987 and currently offers UG, PG and M.Phil program. The programs provide access to the highest quality business education as a means of achieving intellectual and professional goals. The department emphasises on research activities and help students acquaint about the tools, techniques and practices of SPSS.



ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)

Department of Corporate Secretaryship

INTRODUCTION TO SPSS

*Unleash your research potential*

2021-2022

V. Shankar  
Associate Professor and Head  
Department of Corporate Secretaryship  
Ethiraj College for Women

PRINCIPAL  
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(AUTONOMOUS)  
CHENNAI-600 008.

## Course Objectives

1. To introduce the students to the fundamentals of statistical applications and testing.
2. To provide knowledge of the appropriate application of test for the given data.
3. To provide a right mix of theory and practical for further research
4. To apply statistical software and draw inference from empirical data for research.

## Course Overview

1. Fundamentals of Research
2. Descriptive Statistics
3. t- test
4. Correlation and Regression
5. Anova and Chi-square

## Course Details

Course Convenor: Dr. V.Shanthi


Faculty In charge: Dr. Remya Ravi

Course Duration : 40 Hours

Course Eligibility: Students of business studies stream

Learning equipment: Laptop with SPSS software

Contact us @ The Department of Corporate Secretaryship  
Email: corpethics87@gmail.com

  
Dr. V. Shanthi  
Associate Professor and Head  
Department of Corporate Secretaryship  
Ethiraj College for Women

  
S. Muralidharan  
PRINCIPAL

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**ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS) DEPARTMENT OF BUSINESS  
ECONOMICS (SS) VALUE ADDED COURSE**

# ***BASICS OF SPSS***

SPSS is comprehensive statistical software where many complex statistical tests are available as a built-in feature that enables effective data analysis.

### **Overview of the course**

This is a practical course on SPSS and its uses for statistical analysis through hands-on experience.

### **Course Outcome**

Students will be able to

- read-in, enter, organise, and save data in a suitable way
- calculate/recode variables and prepare data for analysis
- conduct descriptive and basic inferential statistics
- familiarise with SPSS presentation of statistical output

### **Benefits of the Course**

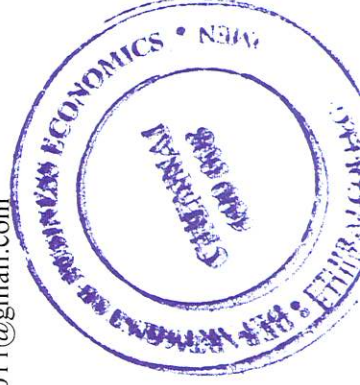
- Analyse Data
- Predict Trends and
- Forecast Data

**Eligibility: Students who have the basic knowledge of statistics can enrol for the course.**

**Course Duration: 40 Hours**

**Course Credits : 1**

For Registration Contact: Department of Business Economics E Mail ID:  
businessseconomics2011@gmail.com



*Ms. Praveena*  
17/11/2025

*S. Praveena*  
PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.



**ELIGIBILITY:** *UG students  
(All Stream)*

**DURATION:** *30 Hrs Course*

**COLLABORATING AGENCY:** *Jeyams Artoosphere*

**CONTACT US:**

**Mob:** Mrs.Veena Murali:

*9962030015*

*(Staff Co-ordinator)*

**MAIL ID:**

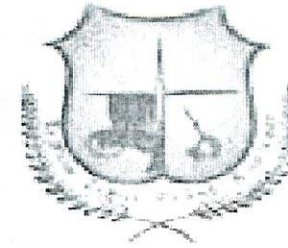
*bcombankmanagement@gmail.com*

13  
1-2-3

**OVERVIEW OF THE  
COURSE:**

The Department of Bank Management offers an online certificate course on Youth Entrepreneurship in collaboration with Jeyams Artoosphere.

The course provides fundamental learning through modules to drive each participant to become an aspiring entrepreneurs.



**ETHIRAJ COLLEGE  
FOR WOMEN  
(Autonomous)**

**Youth  
Entrepreneurship  
(Value Added Course –  
2020-21)**

**DEPARTMENT OF  
BANK MANAGEMENT**

*S. Manojkumar*

PRINCIPAL

ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI 600 002

*26/8/21*

HEAD OF THE DEPARTMENT  
DEPARTMENT OF BANK MANAGEMENT (SS)  
ETHIRAJ COLLEGE FOR WOMEN, CHENNAI



## Topics Covered:

- What is Entrepreneurship?
- Finding ikigai •
- Types of entrepreneurship.
- Motivation and practicality.
- Sole proprietorship
- Worksheets and activities.
- Project management
- Decision making
- SWOT Analysis
- Competitive Strategies
- Business Plan Preparation and Project Financing
- Performance Appraisal: Tools and Techniques
- Employment Relations
- Accounting Process & Concepts
- Business Incubation Centres
- New Ventures

## Course Objective

- Enrich More Knowledge on Entrepreneurship
- Explore New Business Idea
- Develop Business Model
- Knowledge on Incubation Centre & New Venture
- Engaging Activities on Worksheets
- Help aspiring start –ups through real-world experience

## Course Outcomes:

- Identification of Business opportunities
- Enhancing knowledge on Women Entrepreneurship
- Preparation of SWOT Analysis
- Enrichment of Organisations Behaviour
- Strategies for New Venture.
- Discussion on Accounting Process and Concepts
- Preparation of Business Model

# YOUTH ENTREPRENEURSHIP

*S. Manojkumar*  
PRINCIPAL

ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.

*[Signature]*  
26/12/23

HEAD OF THE DEPARTMENT  
DEPARTMENT OF BANK MANAGEMENT (SS)  
ETHIRAJ COLLEGE FOR WOMEN, CHENNAI

# COURSE OUTCOME

- IMPORTANCE OF INVESTMENT
- OPPORTUNITIES IN FINANCIAL MARKET
- HOW TO INVEST IN SECURITIES MARKET AND IT'S PREREQUISITES
- PRIMARY MARKET AND SECONDARY MARKET
- MUTUAL FUND INVESTING
- DO'S AND DON'T'S WHILE INVESTING IN SECURITIES MARKET
- POSSIBLE CAREER OPPORTUNITIES IN SECURITIES MARKET

HEAD OF THE DEPARTMENT  
DEPARTMENT OF BANK MANAGEMENT (SS)  
ETHIRAJ COLLEGE FOR WOMEN, CHENNAI

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## ELIGIBILITY

Final year Students from  
M. B. A/M. Com/ M. C. A

## COURSE DURATION

10 Hours

## TIMINGS

6 PM TO 8 PM  
15th NOVEMBER 2021  
TO 26th NOVEMBER  
2021

## MODE

Online mode

## CONTACT US

bcombankmanagement@gmail.com

*S. S. S.*  
*26/11/21*



ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI - 600 008  
COLLEGE WITH POTENTIAL FOR  
EXCELLENCE

RE-ACCREDITED WITH 'A' GRADE BY  
NAAC

# KONA KONA SHIKSHA



VALUE ADDED COURSE  
OFFERED BY

DEPARTMENT OF BANK  
MANAGEMENT

IN ASSOCIATION WITH

NATIONAL INSTITUTE OF SECURITIES  
MARKET (NISM) UNDER THE AEGIS OF  
CSR PROGRAM OF KOTAK SECURITIES  
LIMITED

ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI 600 008



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**ETHIRAJ COLLEGE FOR WOMEN (Autonomous)**

Chennai – 600 008

Affiliated to the University of Madras  
College with Potential for Excellence  
Reaccredited with A Grade by NAAC

**A VALUE ADDED COURSE ON  
DYSLEXIA**

*Value Added  
Semester 8  
2023-24*

The Department of Psychology  
in Collaboration with  
The KIDS Learning Centre



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(AUTONOMOUS)  
CHENNAI-600 008.**

Head of the Department  
Department of Psychology  
Ethiraj College for Women  
Chennai - 600 008.

*M. Ranjya*  
*Prabhavathi*

## The Department of Psychology

The Department of Psychology has both Under Graduation in Psychology and a Post Graduation course in Applied Psychology, incepted in the year 2003 and 2020 respectively.

The objective of the Department is to provide students with a sound knowledge on their chosen discipline and enable them to deepen their understanding of the application of Psychology through theory based courses, skill based activities, internships, research and extension activities.

### KIDS Learning Centre:

KIDS Learning Centre is a school for children with learning disabilities, started in the year 2003 when a group of parents with children having specific learning disabilities were looking for a school that would cater to the learning needs of these children. As the number of children in KIDS Learning Centre started to increase, Believers school of Education (BSOE) was started, to train college students to work one-on-one with school children having learning disabilities.

### Significance of the course:

Research indicates that 10 to 15% of children may suffer from some type of Dyslexia. However, there is a paucity of trained personnel who can provide educational assistance for children with learning disabilities. This course is designed to equip students with skills required to identify learning problems in children and provide appropriate educational intervention through theory and hands-on training.



## Course Objectives

1. To identify children with learning difficulties in the normal classroom.
2. To understand teaching methods to overcome learning problems.
3. To help the parent to move in the positive direction.

## Course Outcomes:

1. Students will be able to assess children with learning difficulties in the normal classroom
2. Students will be able to teach remedial sessions for children with dyslexia and counsel parents of such children

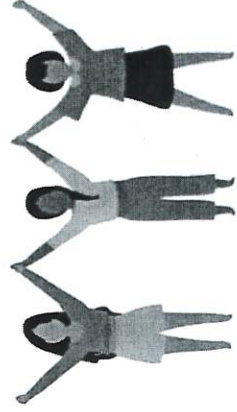
## Conduction And Procedure of the Course:

1. The Course is offered to the students of the Department of Psychology as a means of enhancing employability opportunities for students in the field of school counseling and special education.
2. The Certificate Course in Dyslexia comprises of 40 hours, of which twenty hours are dedicated to theory and twenty hours are dedicated to developing remedial teaching aids and using them to teach children with dyslexia.
3. The students gain competence to assess, monitor and evaluate the strengths and weaknesses of children with Dyslexia to ensure continual learning progress in children.
4. It will be offered once a year and increased to twice a year if there is a demand with each batch comprising of a minimum of 25 students to a maximum of 40 students.
5. Students who successfully complete the theory and practical requirements of the course will have to take an examination and pass it to qualify to receive the certificate as remedial teachers.
6. Qualified remedial teachers will be able to work with children with dyslexia in KIDS Learning Centre and other centres of KLC.



*S. Subramanian*

PRINCIPAL  
J COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.



For Registration  
[psychology.ethiraj@gmail.com](mailto:psychology.ethiraj@gmail.com)

*S. Mageswari*

PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.

Department of Psychology  
Ethiraj College for Women  
Chennai - 600 008.

*H. Ranyo Palanisami*



**ETHIRAJ COLLEGE FOR WOMEN**  
College with Potential for Excellence  
Affiliated to The University of Madras.  
Re-accredited with A grade (CGPA 3.36)

**DEPARTMENT OF BCA**  
**VALUE-ADDED COURSE**

On

**WEB**  
**DESIGNING**

**ADDRESS**

Department of BCA  
Ethiraj College for Women  
Egmore, Chennai -8

**CONTACT US**

Department of BCA  
Mail Id.: [bca1332@ethirajcollege.edu.in](mailto:bca1332@ethirajcollege.edu.in)

**ABOUT THE COURSE:**

- Web Designing
- 50 [ Theory and Practical ]
- No Basic knowledge about Computer programming is needed.
- UG Students from all streams

*Criterion 1*  
1.3.2.4  
1.3.3

*S. Hrudayansri*

PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008

*26/7/2023*  
**Dr. Mrs. M. HENILA**  
M.C.A., M.Phil., P.G.D.C.S., SET., Ph.D.,  
Assistant Professor & Head of the Department  
Department of BCA  
Ethiraj College for Women  
Chennai - 600 008

## OBJECTIVES:

UNDERSTAND THE PRINCIPLES OF CREATING AN INTERACTIVE WEBPAGE

DEFINE TERMS ASSOCIATED WITH BASIC WEBPAGE DEVELOPMENT

DESCRIBE THE USE OF VARIOUS TAGS IN AN HTML DOCUMENT

DEVELOP WEBPAGES THAT INCORPORATE A VARIETY OF FEATURES FOUND IN WEBPAGES

## TOPICS COVERED:



HTML



HTML 5



CASCADING STYLE SHEETS

“Everybody is a web designer until, you know, they actually try to do it.”

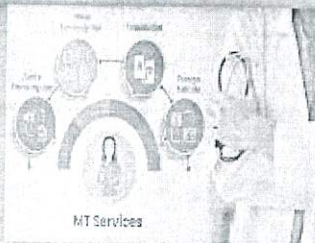
*S. Narayanasri*  
PRINCIPAL

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(AUTONOMOUS)  
CHENNAI-600 008

*S. Narayanasri*  
20/07/2023  
Dr. Mrs. M. HENILA  
M.C.A., M.Phil., P.G.D.C.S., SET., Ph.D.,  
Assistant Professor & Head of the Department  
Department of BCA  
Ethiraj College for Women  
Chennai - 600 008



*Excellence in Healthcare documentation reflects and creates excellence in medical care.*



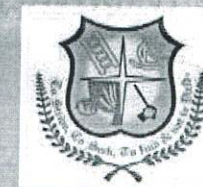
**Course Duration**  
40 hours

**Contact us**

e-mail:  
ethirajbiochem@gmail.com

biochemistry1332  
@ethirajcollege.edu.in

Ethiraj College for Women  
(Autonomous)



Value Added Course  
**Healthcare documentation – I**

Offered by  
**Department of Biochemistry**

*Offered to the Under Graduate final year students*

In association with



*L. Mahalingam*

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ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.**

**Dr. M. SUJATHA, M.Sc., M.Phil., Ph.D.,  
Head, Department of Biochemistry (SS)  
Ethiraj College For Women  
Egmore, Chennai-600 008.**

*M. Sujatha 7/1/23*

### Overview of the course

The demand and supply gap for certified medical coders is approximately 40% and has increased significantly over the last year. The field of medical coding and medical billing is growing at a much faster rate than average, with the employment of medical coders projected to grow 15% by 2023

Keeping in mind, the increasing job potential in this industry, this course aims to impart the skill to students to utilize the job opportunities

### Topics Covered

- ✓ Understanding Healthcare documentation
- ✓ Medical aspects of Human body
- ✓ Medical Terminology
- ✓ Learning of diagnostic procedures
- ✓ Learning Medical Reports



### Healthcare documentation – I

*S. Murugesan*

PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.

### Course Outcome

Understanding the concepts of International Healthcare documentation, covering

- ✓ medical transcription
- ✓ medical coding
- ✓ medical billing
- ✓ medical insurance sectors

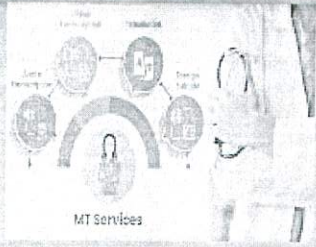
### Benefits

On successful completion of the course students will be provided with certificate and placement assistance for overseas health record specialties dealing with medical professional and hospitals in USA, Canada and UK

Dr. M. SUJATHA, M.Sc., M.Phil., Ph.D.,  
Head, Department of Biochemistry (SS)  
Ethiraj College For Women  
Egmore, Chennai-600 008.

*P. M. 21/12/23*

*Excellence in Healthcare documentation reflects and creates excellence in medical care.*



**Course Duration**  
40 hours

**Contact us**

e-mail:  
[ethirajbiochem@gmail.com](mailto:ethirajbiochem@gmail.com)

[biochemistry1332@ethirajcollege.edu.in](mailto:biochemistry1332@ethirajcollege.edu.in)

Ethiraj College for Women  
(Autonomous)



Value Added Course  
**Healthcare documentation – II**

Offered by  
**Department of Biochemistry**

*Offered to the Under Graduate final year students*

In association with



*S. Muralidharan*

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CHENNAI-600 008.

Dr. M. SUJATHA, M.Sc., M.Phil., Ph.D.,  
Head, Department of Biochemistry (SS)  
Ethiraj College For Women  
Egmore, Chennai-600 008.

*[Handwritten signature]*

### Overview of the course

The demand and supply gap for certified medical coders is approximately 40% and has increased significantly over the last year. The field of medical coding and medical billing is growing at a much faster rate than average, with the employment of medical coders projected to grow 15% by 2023

Keeping in mind, the increasing job potential in this industry, this course aims to impart the skill to students to utilize the job opportunities

### Topics Covered

- ✓ Understanding Healthcare documentation
- ✓ Medical aspects of Human body
- ✓ Medical Terminology
- ✓ Learning of diagnostic procedures
- ✓ Learning Medical Reports



### Healthcare documentation – II

*S. Murugesan*

PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.

### Course Outcome

Understanding the concepts of International Healthcare documentation, covering

- ✓ medical transcription
- ✓ medical coding
- ✓ medical billing
- ✓ medical insurance sectors

### Benefits

On successful completion of the course students will be provided with certificate and placement assistance for overseas health record specialties dealing with medical professional and hospitals in USA, Canada and UK

Dr. M. SUJATHA, M.Sc., M.Phil., Ph.D.,  
Head, Department of Biochemistry (SS)  
Ethiraj College For Women  
Egmore, Chennai-600 008.

*P. M. 7/8/23*

DEPARTMENT OF BIOCHEMISTRY

VALUE ADDED COURSE

(21-22) I.

19

Let thy food be  
thy medicine  
&  
thy medicine be  
thy food

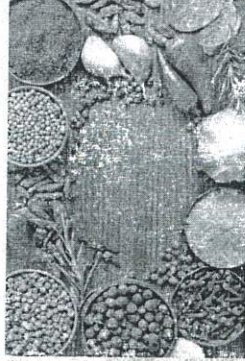
Ethiraj College for Women  
(Autonomous)



Course Duration

36 HOURS

Value Added Course



*Herbal Remedies*

Contact us

e-mail:

[ethirajbiochem@gmail.com](mailto:ethirajbiochem@gmail.com)

biochemistry1332

@ethirajcollege.edu.in

Offered by

Department of  
Biochemistry

*Offered to all the  
Under Graduate  
final year students*



Encompassing Life Forms  
PRINCIPAL

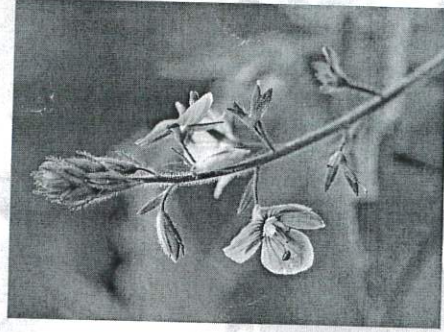
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CHENNAI-600 008

*Herbal Remedies - Brochure*

Dr. M. SUJATHA, M.Sc., M.Phil., Ph.D.,  
Head, Department of Biochemistry (SS)  
Ethiraj College For Women  
Egmore, Chennai-600 008.

### Overview of the course

To reemphasize the importance of our traditional foods with preventive / curative properties as a part of comprehensive approach to lead a healthy life



### Topics Covered

- ✓ Herbal remedies for management of Obesity
- ✓ Herbal remedies for management of Diabetes Mellitus
- ✓ Herbal remedies for management of Respiratory Illness
- ✓ Herbal remedies for management of Menstrual problems and Nutritional Anaemia
- ✓ Herbal remedies for management of Hair and Skin problems
- ✓ Herbal remedies for management of Joint pain
- ✓ Herbs used during Pregnancy and Lactation
- ✓ Herbs as Immunostimulants

## Herbal Remedies

### Course Objectives

- To explain scientifically the reason behind the diseases and validate the curative effects of herbs
- To stress on the nutritional and health benefits of foods to prevent diseases
- To inculcate the practice of consuming a healthy herbal based diet to up bring a healthy generation.

### Benefits

- Emphasized on the importance of Traditional System of Medicine in day today life

*S. Muganyizi*

PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.

Dr. M. SUJATHA, M.Sc., M.Phil., Ph.D.,  
Head, Department of Biochemistry (SS)  
Ethiraj College For Women  
Egmore, Chennai-600 008.

*P. Jay*

12

### Faculty In-Charge

**Dr. G. Sangeetha Vani**  
**(9710772553)**

#### Topics

- Traditional knowledge on some herbal plants
- Cake baking
- Preparation of Small-Scale Industry Products
- Variety Rice Recipes
- Embroidery
- Health Mix Preparation
- Artisan Handicrafts

#### Benefits of the Course

The students get trained in essential life skills including cooking, designing, herbal remedies, embroidery and in producing basic house hold products

*S. Narayanasri*

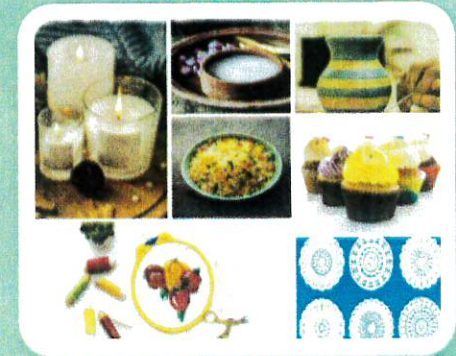
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(AUTONOMOUS)  
CHENNAI-600 008.

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### ETHIRAJ COLLEGE FOR WOMEN (AUTONOMOUS)



DEPARTMENT OF MICROBIOLOGY  
HOME REMEDIES AND ADORNMENT  
(2021-2022)



*K*  
Dr. K. Krishna Prema Ph.D.,  
Associate Professor and Head  
Department of Microbiology  
Ethiraj College for Women  
Chennai - 600 008

### About the Department

The Department has two decades of rich and fulfilling experience in training and educating young minds in the field of Microbiology. Many students have earned their Undergraduate degree in Microbiology and a number of students have received Master degree in Applied Microbiology. The Department takes pride in its well-designed curriculum ably taught by qualified professors to keep in pace with the latest developments in Biology. The Department has well equipped laboratories to handle practical classes. Many subjects are offered in the varied disciplines of Medical, Industrial, Agricultural and other Applied Microbiology topics. Post Graduate students take up Research diligently which enables them to publish research

### Training overview

1. The objective of the course is to provide the students with hands-on training on various Medical Laboratory Techniques.
2. It offers insights on equipment and procedures in Medical Lab Technology.
3. The syllabus is set based on routine lab tests.
4. The course balanced between theory and practical.
5. The training program is well designed to meet the Industrial requirements by ensuring individual participation.
6. At the end of the program, the students visit laboratories that are equipped with advance instruments.

### Duration

40 hours (Both Online and Offline)

### Fees Structure

Rs.700/Student

### Eligibility Criteria

Students pursuing Undergraduate and Postgraduate degree

### Department Email ID

ethiraj.micro@gmail.com

*S. Narayanasri*

PRINCIPAL  
ETHIRAJ COLLEGE FOR WOMEN  
(AUTONOMOUS)  
CHENNAI-600 008.

*K*  
Dr. Krishna Prema Ph.D.,  
Associate Professor and Head  
Department of Microbiology  
Women's College for Women  
Chennai - 600 008



SEMESTER II  
CYBER AWARENESS FOR WOMEN

**TOTAL HOURS: 30 Hrs**  
**CREDITS : 2**

**COURSE CODE: MCA20/2VAC/CAW**  
**L-T-P : 3-0-0**

**COURSE OBJECTIVES:**

To enable the post graduate students to,

1. Release cyber awareness posters to create awareness among the women and children on cyber safety and security.
2. Encourage women and children to engage themselves in promoting cyber safety.
3. Review the existing research on the issues and dangers women and children face on the Internet.
4. Create guidelines to develop a cyber security awareness programme for women and children.

**COURSE OUTLINE:**

**UNIT I:** Introduction to Cyber Space - Introduction to Information Systems - Need for Cyber Security. **6 hrs**

**UNIT II:** Introduction to Cyber Attacks - Classification of Cyber Attacks - Classification of Malware Threats. **6 hrs**

**UNIT III:** Web Security - Email Security - Mobile Device Security - Cloud Security - IoT Security - Social Media Security. **6 hrs**

**UNIT IV:** Cyber Crimes - Different Types of Cyber Crimes - Scams and Frauds - Analysis of Crimes - Human Behavior. **6 hrs**

**UNIT V:** Cyber Law Basics - Information Technology Act 2000 -.Amendments to IT Act 2000 - Evidentiary value of Email/SMS - Cybercrimes and Offenses dealt with IPC39. **6 hrs**

**BOOKS FOR REFERENCES:**

1. Mary Aiken, The Cyber Effect, Random House, 2017.
2. Christopher Hadnagy, Social Engineering The Science of Human Hacking, Wiley, 2018
3. Debarati Halder, Jai Shankar, Cyber Crime and the Victimization of Women, Laws, Rights and Regulations, Information Science Reference, US, 2012.

**JOURNALS:**

1. <https://academic.oup.com/cybersecurity>
2. <https://www.cybercrimejournal.com/>
3. <https://www.tandfonline.com/doi/abs/10.1080/08874417.2020.1712269> journalCode=uci  
s20

**E-LEARNING RESOURCES:**

1. <https://medrc.res.in/cap.php>
2. [https://www.researchgate.net/publication/339273589\\_Cyber\\_Security\\_Awareness\\_Knowledge\\_and\\_Behavior\\_A\\_Comparative\\_Study](https://www.researchgate.net/publication/339273589_Cyber_Security_Awareness_Knowledge_and_Behavior_A_Comparative_Study)
3. <https://www.sciencedirect.com/science/article/pii/S0740624X17300540>

**COURSE OUTCOMES:**

CO No.	CO Statements
CO 1	Gain a clear understanding of cyber space and cyber security.
CO 2	Study over cyber attacks and malware threats.
CO 3	Know about various kinds of cyber security variants.
CO 4	Understand the Crimes and Human behaviour involved in cyber space.
CO 5	Exposure over the Cyber Law basics and IT Act significance.

**MAPPING-CO with PSO**


CO / PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	2	2	2	2
CO 2	3	3	2	2	2
CO 3	3	2	3	2	3
CO 4	3	3	3	2	2
CO 5	3	2	2	3	3
Average	2.8	2.4	2.4	2.2	2.4

**Key: Strongly Correlated-3, Moderately Correlated-2, Weakly Correlated-1, No Correlation-0**

**TEACHING METHODOLOGY:**

Learning through Demonstrations, LCD Projectors, e-content, Group Discussion, Assignment, Quiz, Peer Learning and Seminar.


  
 Mrs. A. JOSEPHINE ANITHA, M.C.A., M.Phil.  
 HEAD OF THE DEPARTMENT  
 MCA DEPARTMENT  
 ETHIRAJ COLLEGE OF WOMEN (AUTONOMOUS)  
 EOMDOL, CHENNAI - 600 008

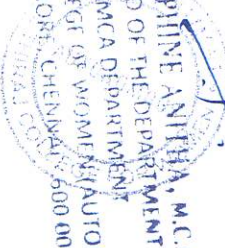


**PRINCIPAL**  
**ETHIRAJ COLLEGE FOR WOMEN**  
 (AUTONOMOUS)  
 CHENNAI-600 008

## QUESTION PAPER PATTERN:

	Type of Question	Marks	Choice
PART A	Definition	40	No choice 20question x 2 mark = 40 marks
	Multiple choice Match panel		
PART B	Self Awareness/ Motivation, Memory and study skills, positive thinking , General Knowledge	30	Internal Choice 5 questions x 6 marks = 30 marks
PART C	Application/Analysis Synthesis/Evaluation	30	Two out of three Questions 2 question x 15 marks = 30 marks

  
 Mrs. A. JOSEPHINE ANITHA, M.C.A., M.Phil.  
 HEAD OF THE DEPARTMENT  
 MCA DEPARTMENT  
 ETHIRAJ COLLEGE OF WOMEN (AUTONOMOUS)  
 EGMORE, CHENNAI - 600 008





PRINCIPAL  
 ETHIRAJ COLLEGE FOR WOMEN  
 (AUTONOMOUS)  
 CHENNAI-600 008