

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



1.3.2 VALUE ADDED COURSES
Imparting Transferable & Life skills

BROUCHURES

BIG DREAMS

COME TRUE

UNLEASH YOUR

POTENTIAL

***OFFERED TO ALL THE FINAL
YEAR STUDENTS***

30 HOUR COURSE

Contact us

e-mail:

bba.ethiraj1@gmail.com,

businessadministration

1332@ethirajcollege.edu.in



**ETHIRAJ COLLEGE
FOR WOMEN**

**EMPLOYABILITY
SKILLS TRAINING**

**DEPARTMENT OF
BUSINESS
ADMINISTRATION**

Course objective

EMPLOYABILITY SKILLS

- To help students explore their values and career choices through individual skill assessments
- To make realistic employment choices and to identify the steps necessary to achieve a goal
- To develop and practice self management skills for the work site
- To explore and practice basic communication skills
- To learn skills for discussing and resolving problem on the work site
- To assess and improve personal grooming

EMPLOYABILITY SKILLS TRAINING COURSE SUPPORTS AN INDIVIDUAL TO SUCCESSFULLY GAIN A JOB, PREPARE THE INDIVIDUAL FOR FURTHER STUDY AND PROVIDES TECHNIQUES REQUIRED FOR SUCCESSFUL INDEPENDENT LIVING.

THE COURSE AIMS AT ANYONE WHO WANTS TO LIVE A MORE INDEPENDENT LIFE, PROGRESS IN EDUCATION AND/OR THEIR EMPLOYMENT PROSPECTS; GET INTO A JOB, DEVELOP ON THE JOB OR MOVE ONTO THE NEXT JOB, AS THEY PROGRESS ALONG THE CAREER LADDER.

THE VALUE ADDED COURSE HAS BEEN DESIGNED AFTER CONSIDERING DEMANDS OF VARIOUS INDUSTRIAL SECTORS . IT PROVIDES YOU AN OVERVIEW OF EMPLOYABILITY SKILLS, GIVING YOU AN OPPORTUNITY TO EXPLORE YOUR OWN SKILLS AND ABILITIES.



**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

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



**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
LabTechniques**

**DEPARTMENT OF PLANT
BIOLOGY AND PLANT
BIOTECHNOLOGY**

Highlights of the course content

1. Instrumentation
2. Haematology
3. Immunology
4. Microbiology
5. Quality analysis

D I A G N O S T I C L A B T E c H N I Q u E s

- *The department of Plant Biology and Plant Biotechnology presents the Value added course on Diagnostic Lab Techniques for Final year undergraduate science students to cater the basic needs for Job placement*
- *The course is designed to enable the students to be at ease with the basic techniques and skills required for taking up higher studies and to pursue research in the applied fields of Plant Science and Biotechnology*
- *This course will deepen the understanding of the lab techniques routinely employed in diagnosis by healthcare professionals*

Techniques to Analyse Molecular Properties of Biomolecules



Offered to all the Under Graduate final year students

Ethiraj College for Women
(Autonomous)



Course
Duration

36 HOURS

Contact us

e-mail:

ethirajbiochem@gmail.com

biochemistry1332
@ethirajcollege.edu.in

Value Added Course

***Advanced
Biochemical
Techniques***

Offered by

Department of
Biochemistry



Overview of the course

To train the students in areas of biochemical research fields using classical and modern techniques



Course Objectives

- To isolate biomolecules from biological samples
- To analyse the molecular properties by different analytical techniques
- To introduce the concepts on Biosafety, Bioethics and IPR

Experiments based on

- ✓ IR Spectroscopy
- ✓ Gas Liquid Chromatography
- ✓ Immunological Techniques
- ✓ High Performance Liquid Chromatography
- ✓ Conductometric titrations
- ✓ Agarose gel electrophoresis
- ✓ Gravimetry
- ✓ ELISA
- ✓ Extraction of plant secondary metabolites
- ✓ Plant tissue culture
- ✓ Introduction of Bio safety, Bioethics and Intellectual Property Rights

Advanced Biochemical Techniques

Benefits

- Students will gain practical skills on Biochemical and Molecular Biological methods to understand the molecular properties of biomolecules and pave the pathway for entry in to Research and Developmental (R&D) Fields.



COURSE OBJECTIVES:

- **TO ANALYSE THE DEPTH OF ACCOUNTING**
- **TO UNDERSTAND THE TAXATION PATTERN**

**ETHIRAJ COLLEGE FOR WOMEN
POSTGRADUATE & RESEARCH
DEPARTMENT OF ECONOMICS**

COURSE OUTCOMES

- **TO ENABLE THE STUDENTS TO CREATE ACCOUNT STATEMENT USING TALLY**
- **TO PROVIDE A BASE FOR AUDITING AND ACCOUNTING**

**TALLY AND TAXATION VALUE
ADDED COURSE
FOR UNDERGRADUATE STUDENTS**

**COURSE DURATION: 40 HOURS
COURSE CREDITS : 2**

CONTACT: DEPARTMENT OF ECONOMICS

Email:

ethieconeco@gmail.com



Ethiraj College for Women Postgraduate & Research Department of Economics

Travel and Tourism
Value Added
Course
for Undergraduate Students

- Course Objectives:
 - To help students to acquire practical learning in ticketing and air fares.
 - To develop entrepreneurial skills in setting up travel business

Contact: Department of Economics

Course Duration: 40 Hours
Course Credits : 2

Email: ethieconeco@gmail.com

Course Outcomes



- The students can opt for different job roles and career opportunities .
- The students are equipped with entrepreneurial and managerial skills required in the travel industry



**ETHIRAJ COLLEGE FOR WOMEN
POSTGRADUATE & RESEARCH
DEPARTMENT OF ECONOMICS**



**TRAINING FOR COMPETITIVE EXAMS
VALUE ADDED COURSE
FOR UNDERGRADUATE STUDENTS**

Contact :

Department of Economics

Email: ethieconeco@gmail.com



COURSE OBJECTIVES

- ◆ TO PROVIDE KNOWLEDGE ON THE OPPORTUNITIES AVAILABLE IN GOVERNMENT ADMINISTRATION.
- ◆ TO MAKE STUDENTS COMPETENT IN ATTENDING EXAMS

COURSE OUTCOME

- **THE ASPIRANT IS EQUIPPED WITH TIME MANAGEMENT AND PLANNING SKILLS.**
- **THE STUDENT GAIN SMART LEARNING SKILLS.**

SAN DIAS COMMUNITY CENTER

KIDSFEST SUMMER CAMP 2020

**Come along and join the
two-week summer camp!**

**REGISTRATION IS
OFFICIALLY OPEN!
SIGN UP NOW!**

**The two-week summer camp
will be on June 8 to 21 at the
San Dias Forest Park. For more
info, visit
www.reallygreatsite.com.**



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MAINTANENCE OF MODERN EQUIPMENTS

Name of the Department : PHYSICS (AIDED)

● **Overview of the course:**

The Course focuses 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

OUTLINES OF THE PROGRAM

The UG Course Mathematics with Computer Applications was introduced in the year 2012 which was previously a part of the Department of Mathematics (Self-supporting). The Undergraduate Programme covers fundamentals of Mathematics and Computer science. It is specially designed for students looking for a career in computers. The course covers all aspects of computer papers from the basic fundamentals of computers to database systems & advanced courses like C++, Java, Python, Operating Systems , Web Technology etc. It aims at preparing the graduates for employment that require substantial input from both these two disciplines.

VISION

*“ Growing within:
Nurturing the potential of students, enabling them, empowering them ,to carve their unique paths.”*

MISSION

To develop in students

- *Excellence in Academics*
- *Creativity in Problem Solving*
- *Analytical thinking*
- *Diligence in work*
- *Leadership qualities*
- *All-round personality development*

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DEPARTMENT OF MATHEMATICS WITH COMPUTER APPLICATIONS SU32

Contact us:

mathsca1332@ethirajcollege.edu.in

COURSE

B.Sc.,

Mathematics

With Computer

Applications

VALUE –ADDED COURSES OFFERED

➤ *General Aptitude For
Competitive Examinations*

➤ *MS-Office*

OPPORTUNITIES

Prospects of Higher Studies

❖ *An undergraduate in
B.Sc., Mathematics with
Computer Applications
can pursue M.Sc.,
Mathematics, Data
Analytics, Actuarial
Science, I.T,
MSW, M.C.A, M.B.A*

➤ CAREER OPPORTUNITIES

❖ *Teaching*

❖ *Bank Jobs*

❖ *Financial and
Insurance Companies*

❖ *Research Scientist*

❖ *Data Analyst-Data
Scientist*

❖ *IT Companies*

SKILLS

➤ *The ability to deal
with highly abstract
concepts*

➤ *Critical and
Analytical thinking*
➤ *Problem Solving and
Decision making
abilities*

➤ *Turning real-world
problems into
mathematical problems*
➤ *Create and develop
software applications using
a systematic approach,
apply general principles of
modern programming
languages and Examine
emerging computer and
software technologies
within dynamic
environment*

UNIQUENESS

*The Department aims to
improve the professional skills
of its students by offering
opportunities to choose their
careers in both IT and higher
education in various fields of
Mathematics and Computer
Science .Our graduates are
placed in renowned
organizations and
institutions*

Duration

40 hours

Faculty incharge

Mrs. N.Subashini

For registration contact

**Department of
Mathematics(SS)
Room No: A335 Annex
block**

Email

matheve89@gmail.com



**ETHIRAJ COLLEGE FOR WOMEN
(AUTONOMOUS)**

**Department of Mathematics
(Self Supporting)**

**Value Added Course
2019-2020**

**COMMON APTITUDE
MATHEMATICS**

**MATHEMATICS IS NOT
ABOUT NUMBERS,
EQUATIONS,
COMPUTATIONS OR
ALGORITHMS .
IT IS ABOUT
UNDERSTANDING**

About the department:

Department of Mathematics (S.S) was established in the year 1989 with an undergraduate course. In 1994 M. Sc. Mathematics was introduced. There are 11 faculty members with diverse specializations.

Our goal is to make sure that students should have a diverse and strong foundation in mathematics and to motivate them towards further studies/Research. In relevant to the current academic standards the department offers programs with comprehensive combination of subjects. Many of our students are pursuing higher studies in various prestigious institutes and universities including foreign universities.

Benefits of the Course:

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

Fees Structure:

Rupees: 500/- per candidate

Eligibility Criteria

All U.G. Students (SS)

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:

- Verbal reasoning
- Logical Reasoning
- Arithmetical Ability

Course Outcome:

On successful completion of the course students will be able to

- Solve problems on Verbal, and Logical reasoning
- Solve Arithmetic problems

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Higher level Mathematics for Competitive Examinations (2019-20)

Name of the Department: Mathematics (Aided)

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.

Course Duration (Min 30 Hrs): 40 hrs

Eligibility criteria: All U.G. students (Aided)

Topics:

- Non- Verbal, Verbal reasoning, Logical Reasoning,
- Arithmetical Ability
- Data Interpretation.

Course Outcome:

On successful completion of the course students will be able to

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

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.

Collaborating agencies (if any): Nil

For registration contact the Department of Mathematics (Aided)

Department Email ID: ethimathsday@gmail.com
maths1331@ethirajcollege.edu.in



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**A VALUE ADDED COURSE ON
DYSLEXIA**

The Department of Psychology

in Collaboration with

The KIDS Learning Centre



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.

For Registration : psychology.ethiraj@gmail.com





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EXPRESS &
COMMUNICATE**

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LEARN LANGUAGES IN HOURS, NOT YEARS

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Ethiraj College for Women (Autonomous)
Chennai - 600 008,
TamilNadu, India

OBJECTIVE OF THE COURSE

Make Students Speak in the Respective Foreign Language
German, Spanish, Chinese, Dutch, Swedish, Italian Offered

SALIENT FEATURES OF THE COURSE

Very Active Online Members Area
E-Learning Materials for German language.
Frequent Assesments and tests
Practice Exercises
Study Materials (Verbs, Nouns, Adjective Lists)
Interactive Worksheets

MODULES	PORTIONS COVERED
MODULE 1	Introduction to Foreign Language, Greetings and Salutations, Alphabets, Months Seasons, Colours, introduction to Subject, verb and object
MODULE 2	Asking Questions using Verb and Modal verb. Answering the Question with Verb and Modal verb. (Can, must, want, should, may, would like, like) Numbers from 1 to 1000
MODULE 3	Which, what, when, why, how, where, who type of questions (with verb and Modal verbs). Verb Conjugation (I/You/He/She/it/We/They) Forms of all Nominative cases. Asking and Responding to Time questions (Formal and Informal)
MODULE 4	Using Conjunctions like (but/or/and/because/if/whether) and forming sentences. Exam

**TITLE OF THE COURSE ; FOREIGN LANGUAGE TRAINING
DURATION : 40 HOURS**



▶ CENTRE FOR WOMEN'S STUDIES (UGC Funded)

Registration details

- The registration is open for all the UG students of **Aided departments.**
- No registration fee.
- **No. of credits: 2**
- All the registering students should attend the Value Added course conducted by the Centre for Women's Studies.
- Credits will be given only to the students who completes the Value Added course and actively participates in Centre activities.
- Completion of Value Added course alone will not be encouraged.
- Students who have completed their Value Added in the previous year can also register now as a member.
- The timings of the Value Added will announced later.

FOR REGISTRATION



OR

https://docs.google.com/forms/d/e/1FAIpQLSfuMhibJljiHoYJHpmvx1-N6wWnSPMIATLeHIxbIGpoPDdhIQ/viewform?usp=sf_link

Dr. P. Padmini
Director
Centre for Women's Studies

ethirajwsc@gmail.com

For queries contact

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VICE PRESIDENT