

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

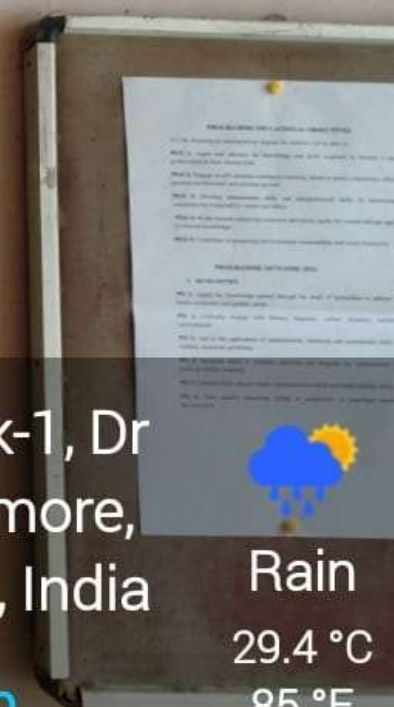
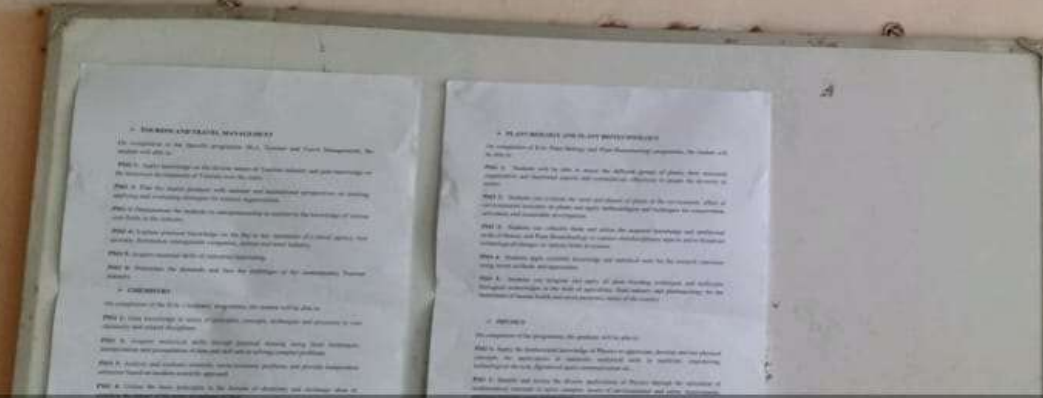


**2.6.1 Programme Outcomes and Course Outcomes for all
Programmes are stated and displayed on website and
communicated to teachers and students**

SNAPSHOTS OF POs, PSOs DISPLAYED IN NOTICE BOARD

BIO - CHEMISTRY

Pos, PSOs Displayed



Economics Department Block-1, Dr
PV Cherian Crecent Salai, Egmore,
Chennai, Tamil Nadu 600008, India

05 Feb 2021, 11:46 am



Rain
29.4 °C
85 °F

Pos, PSOs Displayed

> SCIENCES

PO 1: To promote and apply scientific knowledge for finding sustainable solution to solve the issues pertaining to the society/industry.

PO 2: Identify, Analyze and formulate novel ideas to yield, substantial results in the fields of research utilizing the principles of Physical and Biological Science.

PO 3: Relate key concepts and scientific principles to various scientific phenomenon and their applications in day-to-day life.

PO 4: Cultivate unparalleled comprehension of fundamental concepts relevant to basic sciences leading to an individual progress and career advancement at the National and Global levels.

PO 5: To communicate effectively their views and ideas orally/ written in English and in other related languages.

PO 6: Design solutions for complex problems and design system components or processes that meet the specific needs with appropriate consideration for public health and safety, cultural, societal and environmental conditions.

> COMMERCE

PO 1: Acquire with conventional as well as contemporary fields in diverse domains of Commerce and Management.

PO 2: Designed for capacity building to various avenues of employment, entrepreneurship

competencies of business acumen, analytical & critical thinking, and

and entrepreneurial approach for effective problem solving, creati

to solve the business challenges of the organization.

knowledge and skills to derive on the existing challenges of which

changes of the dynamic

and moral issues (e)

With comprehensive knowledge on diverse facets of Commerce &

a strong base coupled to

learning through Self-study

> PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

On completion of B.Sc. Plant Biology and Plant Biotechnology programme, the student will be able to:

PSO 1: Students will be able to assess the different groups of plants, their structural organization and functional aspects and communicate effectively to people the diversity in nature.

PSO 2: Students can evaluate the need and impact of plants in the environment, effect of environmental toxicants on plants and apply methodologies and techniques for conservation, utilization and sustainable development.

PSO 3: Students can critically think and utilize the acquired knowledge and analytical skills of Botany and Plant Biotechnology to connect interdisciplinary aspects and technological changes in various fields of science.

PSO 4: Students apply scientific knowledge and statistical tools for the research outcomes using recent methods and approaches.

PSO 5: Students can integrate and apply all plant breeding techniques and molecular biological techniques in the field of agriculture, food industry and pharmacology for the betterment of human health and socio-economic status of the country.

> PHYSICS

On completion of the programme, the graduate will be able to:

PSO 1: Apply the fundamental knowledge of Physics to appreciate, develop and use physical concepts, for applications in materials, analytical tools in medicine, engineering, technological devices, digitalized space communication etc.

PSO 3: Formulate the response in various domains of Physics acquired through the

PSO 4: Students have knowledge and practical skills to design for the

analysis, interpretation and evaluation of information, to provide valid insights in the society.



Crescent Road, 53-28, Dr PV Cherian Crecent
Salai, Thousand Lights West, Egmore,
Chennai, Tamil Nadu 600002, India

05 Feb 2021, 12:07 pm

Pos, PSOs Displayed

> TOURISM AND TRAVEL MANAGEMENT

On completion of the Specific programme (B.A. Tourism and Travel Management), the student will be able to:

PSO 1: Apply knowledge on the diverse nature of Tourism industry and gain knowledge on the historical development of Tourism over the years.

PSO 2: Plan the tourist products with national and international perspectives on creating, applying and evaluating strategies for tourism organizations.

PSO 3: Demonstrate the students on entrepreneurship in tourism by the knowledge of various core fields in the industry.

PSO 4: Explain practical knowledge on the day to day operations of a travel agency, tour operator, destination management companies, airlines and hotel industry.

PSO 5: Acquire essential skills of industrial functioning.

PSO 6: Determine the demands and face the challenges of the contemporary Tourism industry.

> CHEMISTRY

On completion of the B.Sc Chemistry programme, the student will be able to:

PSO 1: Gain knowledge in terms of principles, concepts, techniques and processes in core chemistry and related disciplines

PSO 2: Acquire analytical skills through practical training using latest techniques, interpretation and presentation of data and skill sets in solving complex problems

PSO 3: Analyse and evaluate scientific, socio-economic problems and provide independent solutions based on modern scientific approach

PSO 4: Utilise the basic principles in the domain of chemistry and exchange ideas to sensitize the impact of the same on industry at large

> PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

On completion of B.Sc Plant Biology and Plant Biotechnology programme, the student will be able to:

PSO 1: Students will be able to assess the different groups of plants, their structural organization and functional aspects and communicate effectively to people the diversity in nature.

PSO 2: Students can evaluate the need and impact of plants in the environment, effect of environmental toxicants on plants and apply methodologies and techniques for conservation, utilization and sustainable development.

PSO 3: Students can critically think and utilize the acquired knowledge and intellectual skills of Botany and Plant Biotechnology to connect interdisciplinary aspects and to broadcast technological changes in various fields of science.

PSO 4: Students apply scientific knowledge and statistical tools for the research outcomes using recent methods and approaches.

PSO 5: Students can integrate and apply all plant breeding techniques and molecular biological technologies in the field of agriculture, food industry and pharmacology for the betterment of human health and socio-economic status of the country

> PHYSICS

On completion of the programme, the graduate will be able to:

PSO 1: Apply the fundamental knowledge of Physics to appreciate, develop and test physical concepts, for applications in materials, analytical tools in medicine, engineering, technological devices, digitalized space communication etc.

PSO 2: Identify and access the diverse applications of Physics through the utilization of mathematical concepts to solve complex issues of environmental and safety requirements, enacting towards career advancement.

PSO 3: Formulate the expertise in terms of design of experiments through the application of statistical tools in the field of research and development in various fields of science and technology.

PSO 4: Compile research based knowledge and methods including design of experiments, interpretation and presentation of data and skill sets in solving complex problems

PSO 5: Analyse and evaluate scientific, socio-economic problems and provide independent solutions based on modern scientific approach

PSO 6: Utilise the basic principles in the domain of physics and exchange ideas to sensitize the impact of the same on industry at large



Ethiraj Road Saint Gobain Vetrotex
India Limited Thousand Lights, 70,
Ethiraj Salai, Egmore, Chennai, Tamil
Nadu 600008, India



Rain
29.4 °C
85 °F

05 Feb 2021, 11:49 am

Pos, PSOs Displayed

PROGRAMME EDUCATIONAL OBJECTIVES

UG On obtaining an undergraduate degree, the students will be able to:

- PEO 1:** Apply and advance the knowledge and skills acquired, to become a creative professional in their chosen field.
- PEO 2:** Engage in self-directed continuous learning, aimed at global competency, which will promote professional and personal growth.
- PEO 3:** Develop management skills and entrepreneurial skills, by harnessing core competencies inspired by values and ethics.
- PEO 4:** Work towards achieving economic and social equity for women through application of relevant knowledge.
- PEO 5:** Contribute to promoting environmental sustainability and social inclusivity.

PROGRAMME OUTCOME (PO)

> HUMANITIES

- PO 1:** Apply the knowledge gained through the study of humanities to address Political, Socio-economic and gender issues.
- PO 2:** Critically engage with history, linguistics, culture, economy, individuality and environment.
- PO 3:** Aid in the application of mathematical, statistical and economic tools in solving realistic economic problems.
- PO 4:** Incubate skills to evaluate, synthesize and integrate the contemporary issues and motivate further learning.
- PO 5:** Enhance their ethical values, communicative skills and employability skills.
- PO 6:** Gain quality education, global in perspective to contribute towards holistic development.

> SCIENCES

- PO 1:** To preserve and apply scientific knowledge for finding sustainable solution to solve the issues pertaining to the society/industry.
- PO 2:** Identify, Analyze and formulate novel ideas to yield substantial results in the fields of research utilizing the principles of Physical and Biological Sciences.
- PO 3:** Explain key (emerging and scientific) principles to various scientific phenomenon and their applications in day-to-day life.
- PO 4:** Cultivate integrated comprehension of fundamental concepts relevant to basic sciences leading to an individual progress and career advancement at the National and Global levels.
- PO 5:** To communicate effectively their views and ideas orally/ written in English and in other related languages.
- PO 6:** Design solutions for complex problems and design system components or processes that meet the specific needs with appropriate consideration for public health and safety, cultural, societal and environmental conditions.

> COMMERCE

- PO 1:** Acquire with conventional as well as contemporary fields in diverse domains of Commerce and Management.
- PO 2:** Designed for capacity building to various systems of employment, entrepreneurship and higher education.
- PO 3:** Acquire the core competencies of business acumen, analytical & critical thinking, and communication skills and employ empirical approach for effective team building, crisis management and business solutions.
- PO 4:** Apply the knowledge and skills to thrive on the evolving challenges of trade & industry.
- PO 5:** Analyze the challenges of the dynamic world with a global outlook.
- PO 6:** Sensitized to ethical and moral issues in business to be more socially responsible.
- PO 7:** The programme offers comprehensive knowledge on diverse facets of Commerce at the general level ensuring a strong but simple work-practical exposure through Project Internships and lifelong learning through Self-Study.

> BUSINESS STUDIES

- PO 1:** Acquire with conventional as well as contemporary fields in diverse domains of Commerce and Management.
- PO 2:** Equipped for capacity building to various systems of employment and entrepreneurship in higher education.
- PO 3:** Demonstrate the core competencies of business acumen, analytical & critical thinking, and communication skills and employ empirical approach for effective team building, crisis management and business solutions.
- PO 4:** Exhibit the knowledge and skills to thrive on the evolving challenges of trade & industry.
- PO 5:** Equipped with a global outlook towards facing the challenges of the dynamic world.
- PO 6:** Sensitized to ethical and moral issues in business to be more socially responsible.

> MANAGEMENT STUDIES

On completion of the Specific programme, the student will:

- PSO 1:** Identify the historical and geographical roots of different regions.
- PSO 2:** Compare the events in the history in different countries and evaluate its consequences.
- PSO 3:** Analyze the socio-cultural, economic and political activities of India.
- PSO 4:** Apply the subject knowledge to various fields like Archaeology, Numismatics, Museology, and Ancient Egyptology.
- PSO 5:** Create interest in research.
- PSO 6:** Apply communication skills to evaluate and evaluate varied strategies.

> ENGLISH

On completion of the programme, the graduate will be able to:

- PSD 1:** Read and interpret various literary texts focusing on themes, genres, patterns, historical contexts, linguistic and stylistic features and conventions.
- PSD 2:** Demonstrate effective communication skills - listening, speaking, reading and writing.
- PSD 3:** Analyze texts, evaluate them and apply critical concepts and techniques to them.



3775+C6H, Egmore, Chennai, Tamil
Nadu 600008, India

05 Feb 2021, 11:50 am



Rain

29.4 °C

85 °F