

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 ON DISPLAYED BOARD



ETHIRAJ COLLEGE FOR WOMEN

(AUTONOMOUS)

CHENNAI-600 008



POSTGRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY

PROGRAMME OUTCOMES (POs)

B.Sc. Degree		M.Sc. Degree		M.Phil. Degree	
On completion of the programme the students will be able to:		On completion of the programme the students will be able to:		On completion of the programme the students will be able to:	
PO1:	Promote and apply scientific knowledge for finding sustainable solution to solve the issues pertaining to the society.	PO1:	Acquire advanced conceptual knowledge and comprehensive understanding of the fundamental principles in respective discipline.	PO1:	Acquire in depth knowledge in the area of specialization and integrate into the research culture of the department.
PO2:	Analyse and formulate novel ideas to yield, substantial results in the fields of research.	PO2:	Apply knowledge and critically evaluate the concepts and scientific developments to take up any challenge.	PO2:	Gain expertise and confidence in handling of all analytical tools, interpretation of spectra to characterize materials by using software and theoretical knowledge.
PO3:	Relate key concepts and scientific principle to various scientific phenomenon and their applications in day-to-day life.	PO3:	Visualize and gain practical knowledge on multidisciplinary tasks related to current research in the fields of Mathematical, Physical and Life sciences.	PO3:	Recognize and integrate life-long learning skills to become pro-active in personal and professional life.
PO4:	Cultivate unparalleled comprehension of fundamental concepts relevant to basic sciences leading to individual's progress and career advancement at the National and Global levels.	PO4:	Acquire research skills so as to innovate, design, methods and techniques in Research/ Industrial field.	PO4:	Pursue Ph.D programme in their field of research and enhance leadership and teaching skills.
PO5:	To communicate effectively their views and ideas orally/ written in English and in mother tongue.	PO5:	Communicate effectively, present and publish scientific ideas in native and English language leading to Entrepreneurship ventures such as consultancy and training	PO5:	Apply the scientific knowledge to develop innovative ideas, products and methods for the benefit of biosphere at large.
PO6:	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.	PO6:	Employ innovative and environment friendly methods, novel ideas to solve complex and challenging societal and environmental issues.		

STARWIN INSTITUTE OF CHEMICAL SCIENCE
 188 / 14, Free Submarine, Neelambakkam Lane,
 Baker Road, Neelambakkam, Chennai, Tamil Nadu-600074
 Phone : 944791774, 944933774
 An Intensive Coaching Institute for



Google

GPS Map Camera

Chennai, Tamil Nadu, India

49, Crescent Salai Rd, Thousand Lights, Chennai, Tamil Nadu 600008, India

Lat 13.062291°

Long 80.256824°

31/08/23 04:27 PM GMT +05:30

S. Murugesan
PRINCIPAL

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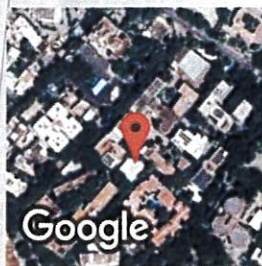


POSTGRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY

PROGRAMME SPECIFIC OUTCOMES (PSO)

B.Sc. Degree	M.Sc. Degree	M.Phil. Degree
The B.Sc. Chemistry Program is successful in imparting the students the following qualities.	On completion of the specific programme the student will be able to:	On completion of the specific programme the student will be able to:
PSO1: Gain knowledge in terms of principles, concepts, techniques and processes in core chemistry and related disciplines.	PSO1: Acquire indepth knowledge at an advanced level enabling confidence to face competitive examinations of national and global standards and capable of doing higher-level research independently.	PSO1: Apply knowledge and demonstrate professional skills in their own field of research.
PSO2: Acquire analytical skills through practical training using latest techniques, interpretation and presentation of data and skill sets in solving complex problems.	PSO2: Utilize skills in problem solving, critical thinking and analytical reasoning in chemistry domain and use modern techniques, chemistry software to interpret and design scientific processes.	PSO2: Demonstrate originality in the application of knowledge, conduction of experimental work and pursue quality research.
PSO3: Analyse and evaluate scientific, socio-economic problems and provide independent solutions based on modern scientific approach.	PSO3: Enhance Skill in planning and conducting advanced level chemical experiments, elucidating the structure of compounds/complexes using chemical characterization techniques.	PSO3: Critically evaluate current research, research techniques, methodologies and design energy efficient & green experiments, scale up processes which have immense application to common man.
PSO4: Utilise the basic principles in the domain of chemistry and exchange ideas to sensitize the impact of the same on industry at large.	PSO4: Develop a creative scientific mind to communicate effectively in public forum- scientific ideas and their impact on socio-economic issues and also provide value based ethical leadership and sensitize the need for a green environment.	PSO4: Develop confidence and self-direction in tackling and solving problems, critical thinking and act independently in the planning and implementation of research.
PSO5: Apply the theoretical and experimental ideas of chemistry in building a safe environment and acquire entrepreneurship skills through effective communication.	PSO5: Apply the contextual knowledge of chemistry to function effectively as an individual/team leader/entrepreneur in academic field, chemical or related industries.	PSO5: Use innovative and ICT enabled teaching methodology, communicate clearly and effectively, publish their research findings in peer reviewed journals and present research findings in international/ national forums.

RESEARCH ACTIVITIES



GPS Map Camera

Chennai, Tamil Nadu, India

70-27, Dr P V Cherian Crescent Rd, Thousand Lights, Chennai, Tamil Nadu

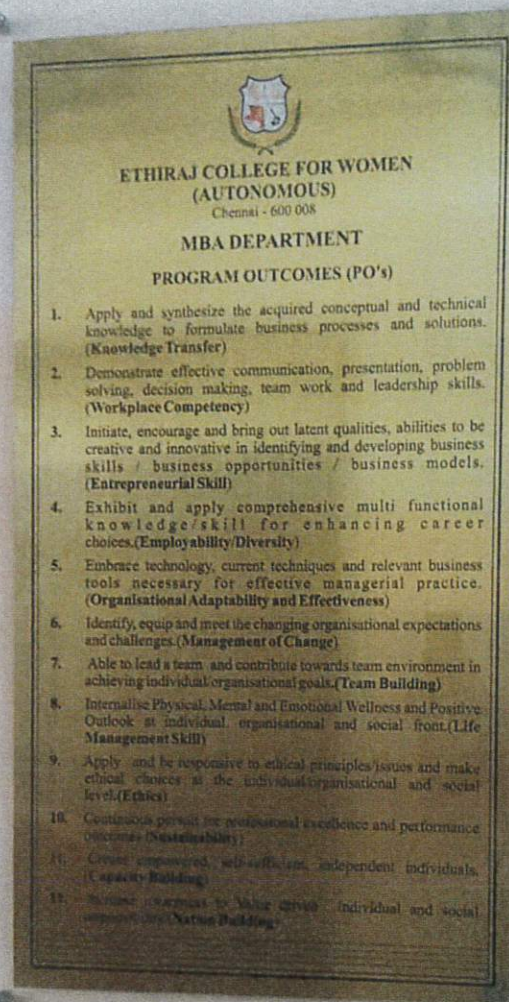
600002, India


Lat 13.063678°

Long 80.258107°

31/08/23 04:27 PM GMT +05:30

S. Manjamma
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 **GPS Map Camera**

Chennai, Tamil Nadu, India

49, Crescent Salai Rd, Thousand Lights, Chennai, Tamil Nadu 600008, India

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Long 80.256824°

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S. Manjoushi

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MBA DEPARTMENT

PROGRAM SPECIFIC OUTCOMES (PSO's)

After completion of the program, the student will be professionally equipped and will

1. Demonstrate and apply various management processes, theories, models and functions across business verticals in managerial and administrative capacity.
2. Acquire and practice managerial skills and competencies required for a successful management role / function in various functional domains towards holistic development.
3. Exposed to multidisciplinary approach and will be able to apply and analyze in a multicultural/global perspective towards creative problem solving at individual/organisational front.

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Chennai, Tamil Nadu, India

49, Crescent Salai Rd, Thousand Lights, Chennai, Tamil Nadu 600008, India

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**ETHIRAJ COLLEGE FOR WOMEN
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**PG DEPARTMENT OF BANKING AND INSURANCE MANAGEMENT
&
DEPARTMENT OF B.COM BANK MANAGEMENT (SS)**

PROGRAM SPECIFIC OUTCOMES

B.Com Bank Management

- PSO 1: Demonstrate progressive knowledge in the key areas of Commerce such as Banking, Finance and Insurance to apply the methods of inference in practical situations.
- PSO 2: Solve problems in a dynamic business environment by applying the principles and procedures with a broad understanding of its legal, societal and economic bearing.
- PSO 3: Create and/or higher studies opportunities in Banking, Finance, Accounting, Taxation, Marketing, Human Resource and other administrative departments.
- PSO 4: Recognize the roles and responsibilities of banker, entrepreneur, accountant, administrator and expert and exhibit high order thinking and proficient decision making while confronted with a critical situation.
- PSO 5: Acquire the attributes of effective interaction, leadership, problem solving and adaptability in day to day business matters.
- PSO 6: Display proficiency to undertake Banking competitive exams and other exams like CA, CS, ICWA etc.

M.Com Banking and Insurance Management

- PSO 1: Enhance the horizon of knowledge and the techniques of managing the business with special focus on Insurance and Banking theory, law and practice.
- PSO 2: Apply theory to practice with an opportunity to display an in-depth understanding and expertise in the field of Banking and Insurance through internships and projects.
- PSO 3: Demonstrate analytical and interpretative qualities and competencies with a greater focus on current practices and industrial requirements.
- PSO 4: Develop interpersonal skills, teamwork, leadership, critical thinking and problem solving with an ability to handle challenging environments.
- PSO 5: Adopt a reflective approach to career and professional development and inculcate the philosophy of lifelong learning.
- PSO 6: Attain eligibility and gain aptitude to undertake independent research in a chosen discipline, join professional courses and apply for examinations like NET, SET, UPSC and other recruitment board exams.

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Chennai, Tamil Nadu, India

Block-2, Crescent Salai Rd, Egmore, Chennai, Tamil Nadu 600008, India

Lat 13.063393°

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S. Muralidharan

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