



SANKAGIRI

VIVEKANANDHA

ARTS AND SCIENCE COLLEGE FOR WOMEN

[An ISO 9001:2015 Certified Institution]

(Affiliated to Periyar University, Salem and

Recognised Under Section 2(f) &12(B) of the UGC Act, 1956)

Veerachipalayam, Sankari West (Po) - 637 303, Sankari Tk, Salem Dt., Tamil Nadu



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DEPARTMENT OF CHEMISTRY

NEWSLETTER



www.viaasrtt.ac.in



chemistrydept@viaasrtt.ac.in

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EDITED BY
MR.K.SURESHKUMAR
&
DR.A.LAKSHMANAN
AP/CHEMISTRY

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DEPARTMENT OF CHEMISTRY



VISION

The vision of the Chemistry Department is to empower women through quality chemistry education that encourages curiosity, critical thinking, and innovation. The department fosters a supportive environment to promote excellence in learning, research, and responsible societal contributions.



MISSION

The mission of the Chemistry Department is to provide strong foundational knowledge and practical skills in chemistry. It aims to support women in becoming confident, skilled professionals who contribute to science and society.

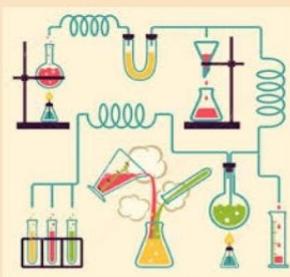
The Department of Chemistry offers UG & PG courses and it is adequately equipped with the latest instruments known and required to carry out modern day chemistry. Besides, the department enriches the knowledge on essential science for modern life to the students as away to make them to comprehend the modifying chemical aspects in various practical exposures. It comprises a broad range of study on diverse areas like pharmaceuticals, food, energy, consumer's goods, environment, agriculture, research, etc. Society has come to rely upon chemists in many different ways and many of the foundation of our economy and standard of living can be traced back to chemical advances.

Well equipped laboratories have been established for students. Periodically, various seminars, workshops and guest lectures are arranged by the department.

The Department focuses on empowering women through a strong foundation in chemical sciences, integrating theoretical knowledge with practical skills. Key areas include sustainable chemistry, environmental awareness, green technologies, materials science, and interdisciplinary research. Emphasis is placed on ethical scientific practices, innovation, and preparing students for academic, industrial, and societal roles.

CORE CONCEPTS IN CHEMISTRY

- ATOMIC & MOLECULAR STRUCTURE
- CHEMICAL BONDING THEORIES
- BASIC ORGANIC CHEMISTRY
- THERMODYNAMICS & CHEMICAL KINETICS
- ANALYTICAL & PHYSICAL CHEMISTRY TECHNIQUES
- APPLIED & INTERDISCIPLINARY CHEMISTRY



Academic and Research Sector

- Research Assistant / Research Associate
- Junior Research Fellow (JRF)
- Senior Research Fellow (SRF)
- Project Fellow / Project Assistant
- Scientific Officer
- Ph.D. Scholar / Doctoral Fellow



Industry Sector

- Chemist / QC Chemist / QA Chemist
- Process Chemist
- Analytical Chemist
- R&D Scientist / Research Chemist
- Lab Analyst / Laboratory Technician
- Production Officer / Executive
- Regulatory Affairs Executive
- Formulation Scientist



Government & Public Sector

- Scientific Assistant (e.g., in DRDO, ISRO, BARC)
- Lab Officer / Chemical Analyst (e.g., in Pollution Control Board, Forensic Labs)
- Assistant Chemist / Junior Chemist (Public Sector Units like ONGC, IOCL, etc.)
- Technical Officer



Education Sector

- Lecturer / Assistant Professor
- Lab Instructor / Demonstrator
- Science Educator / Chemistry Teacher

Dr.A.Kamaraj Actively participated in Participated in **National Conference The Road Map to VIKSIT BHARATH – 2047 A Multi-Disciplinary Approach @ VIT, Vellore** from 26.07.2025 to 27.07.2025.



Dr.A.Lakshmanan Actively participated in Participated in **National Conference The Road Map to VIKSIT BHARATH – 2047 A Multi-Disciplinary Approach @ VIT, Vellore** from 26.07.2025 to 27.07.2025

Mr.K.Sureshkumar Actively participated in **Online FDP Entitled Emerging Teachers @ CNC** On 18.07.2025



Club Activity

III B.Sc Chemistry Students Organized a **“Discovering Concepts through Practical Demonstration - Reaction Station Chemistry In Action”** on 11.07.2025



Club Activity

II M.Sc Chemistry Students Organized a **“Atoms to Art”** on 23.07.2025





Industrial Visit

III B.Sc Chemistry & II M.Sc Chemistry Students are Visited an Industrial of **National Institute of Food Technology Entrepreneurship and Management-NIFTEM @ Thanjavur** on 25.07.2025





III B.Sc Chemistry Students Conducted a Chemistry Crossword & Puzzle Competition

III B.Sc Chemistry Students Organized a "Color-changing Reactions using acid-base indicators"

II M.Sc Chemistry Students Organized a "Lab Safety and Equipmen Handling" for III B.Sc Chemistry students

II M.Sc Chemistry Students given Guest Talk for Women in Chemistry: Talk Series

**II M.Sc Chemistry
Students Organized a
"Chem for Green Earth"
Awareness Drive
for III B.Sc Chemistry students**



**III B.Sc Chemistry
Students organized the
demo class on "Glow Stick
Reactions
(Chemiluminescence)"**

**III B.Sc Chemistry Students
Organized a "Green Chemistry
Practices"**



III B.Sc Chemistry
Students Organized a
Activity of
"Chem Salt Materials"

II M.Sc Chemistry
Students organized
the demo class on
"Roaring of Chemicals"

III B.Sc Chemistry
Students Organized a
"Fire & Ice Chemistry"



VIVEKANANDHA EDUCATIONAL INSTITUTIONS

TIRUCHENGODE CAMPUS

Swamy Vivekanandha Medical College Hospital and Research Institute
Vivekanandha Dental College for Women
Swamy Vivekanandha College of Pharmacy
Vivekanandha College of Nursing
Vivekanandha School of ANM
Swamy Vivekanandha Physiotherapy College
Vivekanandha Allied Health Science (Co- Ed)
Krishna Institute of Optometry & Research
Vivekanandha Institute of Health Science & Research (Boys)
Krishna Institute of Health Science (Boys)
Vivekanandha College of Engineering for Women (Autonomous)
Vivekanandha College of Technology for Women
Vivekanandha Institute of Information and Management Studies
Vivekanandha College of Arts & Sciences for Women (Autonomous)
Vivekanandha College for Women
Vivekanandha College of Education for Women
Krishna College of Education For Women
Krishnasree College of Education For Women
Vivekanandha Vidhya Bhavan Matric Higher Secondary School
Vivekanandha Medical Care Hospital (VMCH)

SANKAGIRI CAMPUS

Swamy Vivekanandha Naturopathy and Yoga Medical College
Vivekanandha Pharmacy College for Women
Vivekanandha Nursing College for Women
Vivekanandha Arts & Science College for Women
Vivekanandha ANM School
Rabindranath Tagore College of Education for Women
Viswabharathi College of Education for Women

