



AUXILIUM COLLEGE (AUTONOMOUS)
(Accredited by NAAC with A+ Grade with a CGPA of 3.47 out of 4 in the 4th cycle)
GANDHI NAGAR, VELLORE - 632006



INTERNATIONAL CONFERENCE ON “MATERIALS FOR BIOMEDICAL APPLICATIONS”

Organized by
Post Graduate & Research Department of Chemistry
in Collaboration with
Tamilnadu State Council for Science & Technology (TANSCST)

About the College

Founded in 1954, Auxilium College is the first women's college in the Vellore district and a pioneer in women's education. Affiliated with Thiruvalluvar University, the college achieved autonomous status in 2007-2008, granted by the UGC and Thiruvalluvar University. A testament to its academic excellence, Auxilium has consistently earned accolades from the National Assessment and Accreditation Council (NAAC), securing an A+ grade in 2003, an A grade with a CGPA of 3.41/4 in 2010, an A+ grade with a CGPA of 3.55/4 in 2016, and an A+ grade with a CGPA of 3.47/4 in 2024. Administered by the Daughters of Mary Help of Christians (Salesian Sisters of Don Bosco) of the Catholic Church, this minority institution provides a nurturing Salesian atmosphere to empower young women. With a mission to cultivate intellectually enlightened, spiritually inspired, emotionally balanced, morally upright, and socially committed women, Auxilium College continues its journey of transformative education, celebrating 70 years of excellence and striving towards even greater heights.

About the Department

The Department of Chemistry, established in 1957, has a distinguished history, and continues to be a beacon of academic excellence. It currently offers B.Sc., M.Sc., and Ph.D. programs, with the M.Sc. program launched in 2005 and the Ph.D. program in 2009. The M.Phil. program was also offered from 2008 to 2018. The vision of the PG and Research Department of Chemistry is to inculcate a keen interest in learning Chemistry, acquiring skills in carrying out tasks systematically with perseverance and precision, motivating towards research, inspiring to lead a life with scientific approach and promote the standard of personal and societal living. The year 2007 marked the Department's Golden Jubilee, commemorating fifty years of remarkable achievements and growth. Despite challenges, the Department has consistently transformed obstacles into opportunities, contributing to its ongoing progress and esteemed reputation in the field of Chemistry.

About the Conference

The Conference on Materials for Biomedical Applications serves as a platform for researchers, academicians, industry experts, and students to explore and discuss advancements in the field of biomaterials. This multidisciplinary event focuses on the design, development, and application of materials that address critical challenges in healthcare, medical technology, and life sciences. The conference aims to foster collaboration among experts to accelerate innovation in biomaterials, highlight cutting-edge research in areas such as tissue engineering, drug delivery systems, and medical devices, address the challenges of biocompatibility, sustainability, and manufacturing scalability in biomedical materials, and showcase advancements in nanotechnology, smart materials, and bio fabrication techniques.

4 QUALITY EDUCATION



RESOURCE PERSONS



Dr N Pugazhenthiran

Assistant Professor, Department of Chemistry
Universidad Técnica Federico Santa María
Valparaíso, Chile



Dr K Sudhakara Prasad

Professor, Yenepoya Research Centre,
Yenepoya (Deemed to be University)
Mangalore



Dr E Dilipan

Assistant Professor (Research)
Department of Physiology
Saveetha Dental College & Hospital
Saveetha University, Chennai



Dr Ayesha Noor

Senior Associate Professor
Centre for Bio Separation Technology
VIT, Vellore

IMPORTANT DATES

Abstract Submission : 28.01.2025

Date of Acceptance : 31.01.2025

Registration Deadline : 03.02.2025

THRUST AREAS

- Biodegradable Materials in Medicine
- Nanomaterials in Biomedical Applications
- Smart Materials for Biomedical Devices
- Biocompatible Polymers and Composites
- Metallic Biomaterials
- Ceramics and Glass in Medicine
- Hydrogels in Biomedical Applications
- Antimicrobial Materials for Healthcare
- Materials for Diagnostics and Biosensing
- Regenerative Medicine and Tissue Engineering

CALL FOR PAPERS

Researchers interested in presenting their work are invited to submit abstracts for consideration. Each oral presentation will be allocated 8 minutes, followed by 2 minutes for discussion.

TARGET AUDIENCE

The event welcomes participants from diverse fields, including materials science, biomedical engineering, chemistry, medicine, and nanotechnology. It is particularly relevant for scientists, researchers, industry professionals, and students seeking to make impactful contributions to healthcare advancements.

PATRON

Dr.(Sr.) Mary Josephine Rani A
Secretary

CONVENOR

Dr.(Sr.) Arokia Jayaceli A
Principal

CO-CONVENOR

Dr.(Sr.) Amala Valarmathy A
Vice Principal

COORDINATOR

Dr. Rosaline Ezhilarasi J
Associate Professor & Head
PG & Research Department of Chemistry

FOREIGN PARTICIPANTS

Students: \$10
Faculty/Research Scholars: \$20
Industrialists: \$30

INDIAN PARTICIPANTS

Students: Rs.250/-
Faculty/Research Scholars: Rs.300/-
Industrialists: Rs.500/-

Payment Account Details

Account Name: ALL DEPARTMENT
Account Number: 168301000020931
IFSC Code: IOBA0001683
Bank: IOB, Auxilium College Branch

BOARD MEMBERS

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For any queries, contact us @ 9655536986



[Registration Link:](#)