



THIRUTHANGAL NADAR COLLEGE

(Belongs to the Chennaivazh Thiruthangal Hindu Nadar Uravinmurai Dharma Fund)

A Self Financing Co-Educational College of Arts & Science

Affiliated to the University of Madras

Re-accredited 'B++' Grade by NAAC & An ISO 9001:2015 Certified Institution

Selavayal, Chennai, Tamil Nadu, India

DEPARTMENT OF CHEMISTRY

NEWS LETTER - 2024-2025

CHIEF PATRON	PATRON
Thiru. A. NARAYANAMURTHY M. Tech., Secretary & Correspondent	Dr. V. DEVI, M.B.A., M.C. A., M.Phil., Ph.D. Principal

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Assistant Professor

Dr. S. Srinivasan, M.Sc., M.Phil., Ph.D

Assistant Professor

Dr. R. Raja, M.Sc., Ph.D

Assistant Professor

Vision:

- The primary vision of the department is to inculcate the required technical traits to the students along with the theoretical background.
- Our department strongly believes in imparting the social and ethical responsibilities to students.

Mission:

- Department is striving hard to place the students in core companies.
- Create awareness to students to lead their profession in a logical path through the acquired experience during their course of study.

Knowledge Enhancement Program on “*PYTOCHEMISTRY*”

The Department of Chemistry successfully organized a **Knowledge Enhancement Programme** on 30th July 2024, aimed at enriching our students' knowledge in specialized fields. We were honored to have **Dr. A. Janaki**, Assistant Professor & Head of the Department of Plant Biology & Plant Biotechnology, served as resource person for the event. Dr. Janaki delivered an insightful lecture on the topic of “**Phytochemistry**” covering fundamental and advanced concepts. The session was highly interactive, providing students with an excellent opportunity to deepen their understanding of this important field. The participants actively engaged in discussions, further enhancing their learning experience.



Industrial Visit to CSIR Madras Complex

The Department of Chemistry organized an industrial visit to CSIR Madras Complex on 26.09.2024. The second and third year students were participated along with a faculty member. During its Open Day Celebration, the CSIR Madras Campus showcased all of its amenities and most recent scientific discoveries to raise awareness of science research among young people. When our students saw all the amenities and the newest technology, they became inspired and impressed.



Industrial Visit to Indian Institute of Technology, Madras

The Department of Chemistry organized an industrial visit to the Indian Institute Technology (IIT), Madras on 03.01.2025, providing an excellent opportunity for students to gain insight into real-world scientific research and applications. Students from the first, second, and third years participated in the visit. The visit coincided with the Open Day Celebration at IIT Madras, where the institution showcased its state-of-the-art facilities and the latest scientific discoveries. This event aimed to inspire and promote awareness of scientific research among young minds. As part of the visit, students explored various advanced laboratories, including the Environmental Engineering Lab, Chemical Engineering Lab, Biotechnology Lab, Biochemical Engineering Lab, and Electrochemical Engineering Lab.



Industrial Visit to Satish Dawan Space Centre SHAR (ISRO), Sriharikota

The students and faculty members of Department of Chemistry visited the facilities at Satish Dawan Space Centre (SDSC-SHAR) Sriharikota on 18-02-2025 as part of Industrial Visit. The students gained knowledge on the launch operation of satellites from the technical staff of ISRO. An interactive session was organized on career opportunities for Science Graduates in various ISRO centre during the visit.



Outreach Activity

As a part of UBA project, the school of science (Maths, Chemistry & PBPB) organized an outreach Programme on 20th February 2025 to the Panchayat Union at Thirunilai village Redhills. The Chief Guest, organic farmer Mr.T.D.Subbu addressed the significance of organic farming to the farmers and demonstrated how to prepare vermicompost. The session was more interactive. Students actively participated in this workshop and farmers learned new areas of organic farming. The event was a memorable and impactful experience to all the farmers and students.



Awards and Rewards

Congratulations to Ms. C. Jayashree for Securing First Rank!

The Department of Chemistry takes immense pride in congratulating **Ms. C. Jayashree** of the **2020–2023 Batch** for securing **First Rank** in the **University of Madras**. This outstanding achievement is a testament to her dedication, perseverance, and academic excellence. Her remarkable accomplishment not only brings honor to our department but also serves as an inspiration to her peers and future students. We commend her hard work and wish her continued success in all her future endeavors.





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*Heartiest
Congratulations
To our
UNIVERSITY OF MADRAS
FIRST
RANK
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PROUD
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MS. C. JAYASREE - B.Sc Chemistry (2020 - 2023)

Entrepreneurial Skill Development through Household Cleaning Products

As part of an Entrepreneurship Skill Development Programme, our students actively engaged in the preparation and sale of household cleaning products, combining scientific knowledge with business acumen. Under the guidance of mentors, students researched and developed environmentally safe cleaning solutions, including liquid detergents, dishwashing liquids, floor cleaners, and multipurpose disinfectants. Emphasizing sustainability, they used biodegradable ingredients to ensure minimal environmental impact.

