



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 PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

NEWS LETTER - 2023-2024

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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Head & Assistant Professor

SUB EDITORS – Dr. D. Gideon Moses, M.Sc., M.Phil., Ph.D.,

Assistant Professor

Dr. A. Ram Kumar, M.Sc., M.Phil., Ph.D.,

Assistant Professor

Vision:

- To sustain the well-being of nature and mankind through the techniques of plant science.

Mission:

- To apply conventional knowledge of Plant taxonomy, Physiology, Pathology and Ecology in the field of Biotechnology to create opportunities for multi-disciplinary education, training and research for the students

WORKSHOP ON HOMEMADE HERBAL SOAP MAKING

The Entrepreneurship Club in association with the Department of Plant Biology and Plant Biotechnology conducted workshop on "Homemade Herbal Soap Making" demonstrated by Mrs. Beula Devi (Parent Stake holder), Entrepreneur, held on 18th August, 2023 at Indoor Auditorium. Our students actively participated in this workshop and learnt the varieties of natural soap making. Nearly 65 students were benefited by this workshop. Feedback reports of the industrial visit were collected from the students.



INDUSTRIAL VISIT

The Department organized an Industrial Visit to Aavin Dairy, Madhavaram, Chennai on 13th September, 2023. Our first- and second-year students actively participated in this visit and learnt the procuring, processing and dispatching of milk in different sachets by Aavin dairies. Initially, the lecture was given by the staff on homogenisation and Pasteurisation of milk. Then, the students were allowed to visit inside the milk processing and dispensing units. Moreover, the video lecture of "Journey of Aavin" from different districts of Tamil Nadu and also given on the regular function of dairies, testing the quality of milk, automated monitoring system and

production of wide range of milk products like yogurt, ghee, ice cream, milk sweets etc. Aavin refreshments were given at the end of the session.



AWARENESS PROGRAMME ON “SCOPE AND OPPORTUNITIES IN LIFE SCIENCES”

The Department organized the awareness program on "Scope and Opportunities in Life Sciences" on 22nd September, 2023. Our first- and second-year students of PBPB and Chemistry actively participated in the program. The chief guest, Ms. Manikodi Shanmugam, Project Assistant, Sheffield Halam University, United Kingdom, explained the opportunities in Masters and Research programs abroad for Life Science students. Moreover, she delivered ideas to apply for the scholarships, to crack IELTS and to face interviews etc. The chief guest was felicitated with the memento and certificate by our principal.



WORKSHOP ON "MOLECULAR TECHNIQUES"

The Department organized the Workshop on "Molecular Techniques". The students of PBPB and Chemistry actively participated in the workshop on 29th September, 2023. The chief guest, Dr. Thooyavan, Director, HeteroGeneBiotech Pvt. Ltd and his team explained and demonstrated protein (Bovine Serum Albumin) separation on SDS - Polyacrylamide Gel Electrophoresis. The students were given hands-on training on preparation of stacking and separating gels, loading of protein in the electrophoretic unit and the stained gel was viewed. The chief guest was felicitated with the memento and certificate by our principal.



The faculty members of Department of Plant Biology and Plant Biotechnology are grateful to **Thiru. A. Narayanamurthy**, Secretary & Correspondent, **Dr. V. Devi**, Principal and **Dr. K.C. Lalithambika & Dr. S. Asaithambi**, Vice Principals for their constant support and encouragement.

Thank you