



SRI G.V.G VISALAKSHI COLLEGE FOR WOMEN
Udumalpet, Tamilnadu, India
Autonomous - Affiliated to Bharathiar University
Accredited at 'A+' Grade by NAAC (Fourth Cycle)
An ISO 9001:2015 Certified Institution



DEPARTMENT OF CHEMISTRY

Sri GVG Visalakshi College for Women (Autonomous)Udumalpet

Industrial Visit to United Planters' Association of Southern India (UPASI) TEA Research Foundation

Date: 30.01.2024

Venue: UPASI TEA Research Foundation, Connor.

No of Beneficiaries: 39 Students+1 Faculty Member +2 Lab Assistant

The history of United Planters' Association of Southern India (UPASI) dates back to late nineteenth century, even though, tea has been introduced and cultivated in certain pockets of southern India much earlier than 1894. The relationship between UPASI and scientific research on plantation crops cannot be separated since its inception. The first milestone in the history of UPASI was the establishment of a separate Tea Experimental Station at Davershola in 1927. During 1965, a Tea Technologist was appointed to advice on manufacturing aspects. In 1980, division of Plant Physiology was established by appointing a Plant Physiologist. At present the Institute has seven divisions viz., Botany, Chemistry, Entomology, Pesticide Residue, Plant Pathology & Microbiology, Plant Physiology & Biotechnology and Tea Technology. The students reached the institute at 10:00 am, and gathered in a meeting hall place where they got a brief introduction about different varieties of tea plants, the nutrients taken by the tea plants for their growth by the Scientist Dr.T.RajKumar and Ms.Nivetha explained about how handle instruments and the Lab facilities. Research scholars explained about the process of separation of tea leaves and different techniques used in tea leaves separation process. And the opportunities for Internship and Research are also explained. Then the students get exposed to various instruments like UV spectroscopy, Digital flame photometry, Gas Chromatography Mass Spectrometry, High Performance Liquid Chromatography. From these instruments pesticides and fertilizers accumulated in the tea leaves were analysed.

After the Upasi Tea research foundation students visited the nearest SIMS park. Student's enjoyed the botanical garden, lake and they captured photos there.

Outcome of the industrial Visit:

The instrumental experience helps a lot in personality development of the students. Some students who are interested in doing an internship are looking forward to joining the institute for higher education.

