

**Visit to Regional Agricultural Research Station, Anakapalle, and BCT-KVK, Haripuram  
on 01-12-2023.**

As part of the RAWE program, final year B.Sc. (Hons.) Agriculture students of Y20 batch from KL College of Agriculture embarked on a technical exploration of agricultural research facilities to RARS, Anakapalle and BCT-KCK, Haripuram on 1-12-2023. At the Regional Agricultural Research Station, Anakapalle, students were immersed in a comprehensive study of sugarcane diseases. Dr. V. Chandra Sekhar, a Senior Scientist in Plant Pathology, elucidated on disease detection methodologies, including colony counting and ELISA. Practical demonstrations showcased the meticulous process of biofertilizer production, with Dr. Ch. Sitaramalakshmi detailing the cultivation and storage of Rhizobium, Azospirillum, Azotobacter, Phosphorous solubilizing bacteria, Potassium solubilizing bacteria, and Mycorrhizal fungi. Further insights were provided by Dr. M. Visalakshmi, Principal Scientist in Entomology, who highlighted the significance of tricho card preparation and its role in insect control. The visit extended to discussions on plant breeding, led by Dr. D. Adilakshmi, Principal Scientist, who introduced students to the diverse sugarcane varieties cultivated at the research station. Dr. V. Rajendra Prasad, Senior Scientist in Agricultural Economics, provided insights into agro-processing technologies, emphasizing their role in enhancing farmer incomes. The culmination of the visit included an in-depth exploration of modern jaggery production techniques, guided by Dr. P.V.K. Jagannadha Rao. Transitioning to BCT-KVK, Haripuram, students were greeted with technical briefings on red gram varieties by Dr. V. Prasad Rao, SMS in Agronomy. The field visit continued with Dr. Nagendra Prasad, SMS in Plant Protection, elucidating on entomological control methods, including pheromone traps, sticky traps, bucket traps, and light traps, while also discussing pesticide application practices. Organic farming practices and livestock management strategies were further explored, highlighting their role in sustainable agriculture. At the Agricultural Research Station, Yelamanchili, Dr. A. Appala Swamy, Principal Scientist in Genetic Plant Breeding and Research, introduced students to the intricacies of sesame crop cultivation, with a focus on developing resilient varieties. Dr. A.B.M. Sireesha, Scientist in Genetic Plant Breeding and Research, elaborated on ongoing experimental designs, showcasing groundnut varieties and cultivation techniques.



**Group photo of students and faculty at RARS, Anakapalle**



**ADR of RARS, Anakapalle explaining about Jaggery making process**



**Scientist of RARS, Anakapalle explaining about Sugarcane varieties**





**Scientist of ARS, Yellamanchili explaining about Sesamum varieties**



**Scientists of BCT-KVK Haripuram explaining about activities at their KVK**