

**Visit to Drip irrigation unit, Peddavadlapudi on 26-03-2024**

On 26<sup>th</sup> March 2024, 150 second-year B.Sc. (Hons.) Agriculture students of Y22 batch, accompanied by 6 faculty members of KL College of Agriculture, visited a drip irrigation unit in Peddavadlapudi. The visit aimed to deepen their understanding of micro irrigation in agriculture as part of the Irrigation Water Management course (AGRO-202). Farmer Subbarao demonstrated the drip irrigation system's components and operation, emphasizing the importance of filters, pressure gauges, flush valves, laterals, and endcaps. He elucidated fertigation processes and government subsidy schemes, highlighting the system's benefits like enhanced plant growth, water saving, and precise nutrient management.

Students engaged in practical activities, measuring discharge rates at different points in the field, observing uniform water application. The visit underscored drip irrigation's efficiency in water delivery, improved crop yields, and nutrient management. It emphasized the significance of proper system design, installation, and maintenance for successful implementation. Interactions with the farmer provided valuable insights into real-world experiences with drip irrigation, enhancing students' understanding of its advantages and challenges.



**Faculty of KL College of Agriculture explaining about Drip Irrigation Components**





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**Students of KL College of Agriculture interacting with the farmer**