

SREE VIDYANIKETHAN COLLEGE OF NURSING

Field Visit-Water Purification Plant-Tirupati

Sree Vidyanikethan College of Nursing V semester students visited the water purification plant at tirupati on 25-04-2026 to know the various steps involved in water-purification at large scale, to observe the stages of water purification To understand the role of filtration, chlorination, and sedimentation steps involved Raw Water Source: River, bore well, reservoir etc. Screening: Removal of large debris Coagulation & Flocculation: Chemicals like alum added to bind impurities Sedimentation: Floccs settle in tanks Filtration: Sand/activated carbon filters Disinfection: Chlorination or UV treatment Storage & Distribution: Clean water storage tanks.



Dr.Shareef explaining the water PH and purity checks



Students are observing the water storage tanks and chlorination process



The visit provided practical insight into water treatment stages.

The plant effectively reduces turbidity and ensures safe drinking water as per standards.