

# Sri Chandrasekharendra Saraswathi Viswa MahaVidyalaya

## Department of Electronics and Communication Engineering

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### **Report of the Industrial visit to**

### **Coca-Cola Company, Chittoor unit, Andhra Pradesh on 08/08/19.**

- 120 students of B.E (ECE-A & C Sec)-II Year visited Coca-Cola Company, Chittoor unit, Andhra Pradesh on 08/08/19.
- The faculty accompanied during visit
  - Shri.S.Selvakumar Assistant Professor
  - Shri.M.Vinoth Assistant Professor
  - Shri.J.Vinoth Kumar Assistant Professor
  - Smt.K.Anitha Assistant Professor

The following are the Highlights of the visit

- Students gained knowledge about the entire process of production cycle starts with sugar, fruit juices, flavours and concentrate or beverage base. The finished products will be packaged in PET or glass bottles, metal cans, bag in box or kegs.
- Water treatment: The water used in the production process is subjected to special treatments that ensure the microbiological safety and the correct concentration of naturally dissolved salts, in compliance with specific compositional and sensory characteristics.
- Syrup is prepared in special tanks by dissolving sugar in the treated water, then filtering the water to remove any impurities. Only after this, this “simple syrup” is mixed with “concentrate” or the various “basic preparations” used for the various drinks, thus becoming “final syrup”.
- Filling and packaging: The treated and cooled water is mixed with the final syrup and, for sparkling drinks, with the carbon dioxide that gives the product its characteristic effervescence.
- The drink is then ready to be packaged: every hour, tens of thousands of perfectly clean containers are filled, hermetically sealed, labelled, coded and tested in modern automatic plants. The glass bottles are placed in boxes, while the nonreturnable glass bottles, PET bottles and cans go into various multi-packs.



**II year ECE Group Photo - Coca-Cola Company, Chittoor Unit , Srikalahasti**