

# IEEE STUDENT BRANCH-KLEF

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## Industrial Visit Report

**Name of Industry:** Krishna Milk Factory

**Date of Visit:** 20<sup>th</sup> January 2018

Total number of students taken to Krishna milk factory are 80 numbers and few other IEEE faculty coordinators coordinated the visit.

### Details of Visit:

Krishna milk factory is a milk supplying factory which was established in 1965. The employees are approximately about 750 members. In this factory we were allotted in four sections named electrical section, boiler section, refrigeration section, dairy maintenance section. In electrical section we were travelled with employees if any repairs may occur like tube lights repair and motor repair etc. we have disassembled squirrel cage induction motor. In boiler section we haven how steam is generated and in refrigeration section we have how the room temperature is cooled and how chilled water is supplying to cold the milk. As well as we have seen what the motors are we are using by them and various components and we have learned about the principles.

The Krishna District has great potential for milk production with a substantial marketable surplus to tap. The market-oriented milk production is the key livestock activity to generate stable income for the farmer. About 90 percent of rural households are directly concerned with livestock production. 40 percent are mainly

dairy oriented. It is livelihood security to the rural poor and buffers the risks due to crop failure

The Original dairying in Krishna District commenced in 1965 by the state Government with the assistance of UNICEF (United Nations International Children Emergency Fund). A Milk supply scheme was introduced in 1965 to organize milk collection from the Villages, to process at chilling at Vijayawada and Hyderabad. The milk supply Scheme was a great success with its services to the producers and quality supplies to the consumers. The initial procurement network was gradually extended to all over the district within a span of 5 years. The Milk Products Factory´ first of its kind in south India was established and commissioned in Vijayawada by 1969. The company got ISO 22000-2005 and ISO 14000 Trademark for its quality of milk.

Students have been exposed to various Controls and Automation.

