

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
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GM INSTITUTE OF TECHNOLOGY

DAVANGERE-577006, KARNATAKA



**DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING**

FINAL YEAR B.E (2010-2011)

PROJECT REPORT ON

**“LEVEL MONITORING AND LIQUID FLOW
CONTROL FOR DRUG MANUFACTURING PLANT”**

PROJECT GUIDE

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ABSTRACT

The pharmaceutical and medicine manufacturing industry produces a variety of medicinal and other health-related products, which were not present in olden days. These drugs save the lives of millions of people from various diseases and permit many people suffering from diseases to lead normal life. For the drug or chemical industries many methods are required in maintaining smooth running of processes carried out with less man power. In chemical industries, chemical level sensing, maintenance of threshold levels and composition of different chemicals are important observation parameters.

The automation in processing helps the industries to run smoothly without breakdown and damage to the equipment. Many operations are involved to bring out mixation of chemical constituents to produce the drug, which needs automation. Filling of different liquids in the bottles as per the percentage composition of drug can be carried out using software.