

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
“Jnana Sangama”,Belgaum



(Academic Year 2013-14)

A Project Report on

**“MONITORING OF HYDRAULC WATER LEVEL
USING FLOAT SENSORS”**

Submitted in partial fulfillment of the requirements for the award of degree

BACHELOR OF ENGINEERING
IN
INSTUMENTATION TECHNOLOGY
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ABSTRACT

A PLC is a digital computer used to automate electromechanical processes. This research is based on automation of a water tank by using Allen Bradely PLC. Automatic control of water tanks can work continuously and can provide accurate quantity of water in less time. In such process there is no need of labor so there is no human error. Without human error, the quality of product is better and the cost of production would definitely decrease with no error in quantity required. Water level sensing can be implemented in industrial plants, commercial use and even at home. The Monitoring of hydraulic water level is monitored by the float sensors output given to the PLC which in turn controls the opening and closing of the solenoid valve one and two simultaneously according to the programme downloaded in PLC. The automatic water level can be monitored by PLC.