

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELGAUM**



A Project Report On

***“Microcontroller based process monitoring and safety with voice interaction
and closed loop system”***

(Sponsored by KSCST, Bangalore)

**A dissertation submitted to the Department of *Instrumentation Technology* of
Visvesvaraya Technological University, in partial fulfillment for the Award of Degree of
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SYNOPSIS

In the modern industrial system to monitor process parameters is an important task because the need is for higher end security for industry. This is very integral part of the industrial system because a lot of money is invested for the security of the industry but yet full proof security is not available. This system involves a microcontroller which enhances the security as it controls all the process parameters. It involves automation which reduces human effort and also a non-technical person can also control the outcome which is to secure the industry because it has display and voice announcement which are easily understandable.