

# PHASE CONTROL & MONITORING

## Synopsis

This project is used to useful implementation of automation for motor pump, in this project monitors the phase i.e. RYB status and controls the motor operation in which phase either R or Y else B. The motor control and phase control is done by the commands given by the operator utilizing GSM communication. If the motor wants to ON/OFF the operator needs to be send message command ON or OFF to the gadget. And the all the status of the system will be updated to the operator through SMS which is automatically generated and send by the gadget. In the monitoring side if the controlled phase R of the motor is having problem i.e. no phase , then a message will send to the operator that no phase to the motor by R ,so that the operator can shift the phase to either Y or B by sending SMS to the gadget.

## **BLOCK DIAGRAM OF PHASE CONTROL & MONITORING:**



