

## AUTOMATIC BREAK FAILURE INDICATOR AND ENGINE OVER HEATING ALARM

### SYNOPSIS

THE AIM IS TO DESIGN AND DEVELOP A CONTROL SYSTEM BASED AN ELECTRONICALLY CONTROLLED AUTOMATIC BREAK FAILURE INDICATOR BY USING IR SENSOR AND ENGINE OVER HEATING ALARM BY USING HEAT SENSOR IS CALLED “AUTOMATIC BREAK FAILURE INDICATOR AND ENGINE OVER HEATING ALARM”.

**Automatic break failure indicator and engine over heating alarm** is consists of IR sensor circuit, Heat sensor Circuit, Control Unit and frame. The sensor is used to detect the break wire. There is any disconnection of the break wire or cutting of any few turns of break wire, the control signal to the alarm unit. Similarly the heat sensor is fixed to the engine and this heat is measured and giving the alarm signal when the engine heat exceeds the setted temperature limit.