WATER SPRINKLING AND DETECTION SYSTEM

COMPONENTS USED:

1. Fire sensor
2. Buzzer
3. Arduino uno
4. Relay
5. Dc motor
6. LED

PROCEDURE:

When ever a fire is bought near to the fire sensor, it detects the fire and sends a signal to the Arduino which then sends the signal to the relay and the buzzer. The buzzer starts buzzing and informing others about the fire, and simultaneously the signal goes to the relay and it it waits for some time before forwarding the signal to the motor. This is done to ensure that the fire which has been caused is valid and not a false one. After some period of time (here 5 sec) the signal reaches the dc motor and the water is transferred and it starts sprinkling

CONNECTIONS

