AUTOMATIC WATER SPRINKLING MACHINE USING SMART IRRIGATION SYSTEM

If you have a home garden or a backyard with turf, then you might probably know how much we need to take with watering the plants and turf.

Garden Sprinklers are one of the frequently used options for watering the lawn and for plants, well, the only option and the best one is manual watering.

But if you are planning to make an Automatic Plant Watering system, where the water supply either through sprinklers or drip irrigation system, then you have to consider the amount of Soil Moisture.

By measuring the Soil Moisture in the garden, you can precisely control the amount of water to be supplied with the help of a simple mechanism involving a Water Pump and a Microcontroller.

In this project, I will show you how to monitor the soil moisture of a small pot by Interfacing Soil Moisture with Arduino