**Mechatronics (19EMEC202) Course Project**

**Doc1: Team Members with Problem Statement**

Class: 4TH Sem ‘B’ div

Team number:

Details of Team Members:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl. No | Name | Roll No | SRN | Signature |
| 1 | VASUDEV. N. | 203 | 01FE20BME125 |  |
| 2 | ROHIT. V | 205 | 01FE20BME133 |  |
| 3 | ADITYA. D | 2 | 01FE20BME138 |  |
| 4 | SOURABH. P | 211 | 01FE20BME135 |  |
| 5 | NANDISH. A | 218 | 01FE20BME076 |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |

# Project Title:

# IoT Smart Agriculture & Automatic Irrigation System with ESP8266

**Project Statement**:

In this project, we will learn about the IoT Based **Smart Agriculture** & **Automatic Irrigation System** with **Nodemcu ESP8266**. Agriculture plays a vital role in the development of agricultural countries. Some issues concerning agriculture have been always hindering the development of the country. Consequently, the only solution to this problem is **smart agriculture** by modernizing the current traditional methods of agriculture. This would make irrigation smart and efficient by inclusion of technology.

**Inputs**:

**Outputs**:

This method is making agriculture smart using **automation** and **IoT technologies**. Internet of Things (IoT) enables various applications of **crop growth monitoring** and selection, **automatic irrigation** decision support, etc. We proposed **ESP8266 IoT Automatic irrigation system** to modernize and improve the productivity of the crop.

**System Function**:

Faculty Sign