SRI SAIRAM ENGNEERING COLLEGE,KARUR-639111

Department of Electronics and Communication Engineering

Project Design Phase-I

Proposed Solution

Date	23 September 2022
Team ID	PNT2022TMID04037
Project Name	Project – IOT enabled Smart Farming application.
Maximum Marks	2 Marks

Team Lead: Priyadharshini. M

Team Members: Boomika . V

Yuvaranjini. P

Arthi

Team Mentor : Velvizhi. V.A

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Since the traditional irrigation technique is a very complex one, it is important to integrate the working process and elevate smart farming utilizing IOT enabled smart irrigation technology.
2.	Idea / Solution description	To programme irrigation to run automatically based on the soil's moisture content.
3.	Novelty / Uniqueness	Irrigation automated according to moisture level.
4.	Social Impact / Customer Satisfaction	Farmers' irrigation-related issues are resolved, which fulfils their needs and prevents their crops from being over irrigated.
5.	Business Model (Revenue Model)	This process' completion also causes a revolution in drip irrigation systems. A radical shift in the market has been envisioned for the design size of the solution.
6.	Scalability of the Solution	A minimal design scale has been planned for the solution.