

THE NATIONAL INSTITUTE OF ENGINEERING,

Mysore

(An Autonomous institution, affiliated to VTU)

**DEPARTMENT OF INFORMATION SCIENCE AND
ENGINEERING**

A.Y. 2021-22

PROJECT SYNOPSIS

Subject/ Sub. Code: Major Project Phase – 1/IS7C04

Semester: 7 ‘A’

Batch No: A9

Date:

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**Project Title (Final only): SCHEME NOTIFICATION SYSTEM FOR FARMER ASSISTENCE
USING NATURAL LANGUAGE PROCESSING (NPL)**

Broad Area: Application type

Type (Application,Model,Design,Prototype): Android Application.

Objective: The main objective of our idea is to build an android application that helps farmers in getting government schemes notification, information of market prices and crop growing limit.

Brief description: Agriculture is the backbone of India, Government introduces lot of schemes in agriculture sector but lot of farms due to lack of information loose the scheme, here we introduce an android application where farmers register with their personal details and the growing crop details, any time govt adds the scheme a notification sms will be sent to the farmers about the scheme. A farmer also checks the standard market price for crops set by the government so that it helps the farmer to sell his crops based on the standard price without losing money by selling for a low price. When a farmer wants to grow a crop then he can add the crop details like crop and number of acres growing this module will help the farmer that same crop should not be grown more so that it might lose the demand in market and create loss.

Software requirements:

Operating System: Any latest Android OS and windows for development.

Programming Language :Java and XML.

Drivers: USB drivers.

Tools: JDK, SDK, Eclipse or Android studio.

Hardware Requirements:

Processor: Any fast processor and Pentium I5 (minimum) for development.

Memory: 2GB for device and 250GB (default minimum) for development.

Guide

Name: Mr. John Paul C I

Designation: Assistant Professor

Signature:

Co-Guide

Name: Ms. Padma M T

Designation: Assistant Professor

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Remarks(if any):
Signature of Guide/Co-Guide
Note: