**Big Data and Analytics Project**

**(2019-20)**

**To analyse the appropriate season and environment for crop cultivation**

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**SYNOPSIS**



**Institute of Engineering & Technology**

**Team Members**

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## Supervised By

**Name**

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**About the Project:**

* We will analyse the perfect season to cultivate the specific types of crops, On the basis of soil fertility, moisture contained in that area, availability of water
* How much cost it will going to take and how much profit the farmers will get.

**Motivation:**

We know that many farmers face problems to select crop for specific season, what cost it will take in whole season and how much will they earn from it. Some middle people take profit from it and make fool of poor farmers. Farmers also suicide because of the failure of crops. So, with the help of our project farmers will be able to analyze best season for cultivating specific types of crops according of their best season.

**Future Prospects:**

At the end of this project we will be able to analyse the best season to cultivate the specific crop.

**Requirements:**

**Hardware:**

* 1 TB Memory
* 8 GB RAM
* i3 processor

**Software:**

* Hadoop
* MongoDB
* R Studio
* Linux OS