S.NO	AUTHOR NAME	TOPIC	YEAR	EXISTING SYSTEM
1.	Dhivya B H, Manjula R. Siva Bharathi S. Madhumathi R	A Survey on Crop Yield Prediction based on Agricultural Data	2017	Presented a survey on the different algorithms applied in the assessment and prediction of crop yield Discussed about the mechanism of knowledge the discovery in Agricultural data mining
2.	Swarupu Rani A	The Impact of Data Analytics in Crop Management based on Weather Conditions	2017	Discussed the application of mathematical model like fuzzy logic designs in optimization of the crop yield, artificial neural networks in validation studies, genetic algorithms designs in accessing the fitness of the model applied, decision trees, and support vector machines to study soil, climate conditions and water regimes related to crop growth and pest management in agriculture.
3.	Opresnik and Taisch	Big data typically refers to the following types of data	2015	(1) traditional enterprise data, (2) machine-generated/sensor data (eg. weblogs, smart meters, manufacturing sensors, equipment logs), and (3) social data.
4.	R.Sujatha Dr.P.Isakki Devi	A Study on Crop Yield Forecasting Using Classification Techniques	2016	Discuss the importance of comparing previous agricultural data with present to identify optimum condition favor enhanced crop yield.
5.	Gantz and Reinsel	Big data focuses on the three main characteristics	2012	The data itself, the analytics of the data, and presentation of the results of the analytics that allow the creation of business value in terms of new products or service