LITERATURE SURVEY
EXPLORATORY ANALYSIS OF RAIN FALL DATA IN INDIA FOR AGRICULTURE

Author	Paper Title	Year	Journal	Critics
Jenamani, R. K.	Some evidence of climate change in twentieth-century India.	2007	Springer	The vast size of India and its complex geography, climate in this part of the globe has large spatial and temporal variations. Important weather events affecting India.
D Sengupta	Increasing trend of extreme rain events over India in a warming environment.	2006	Science.org	Significant rising trends in the frequency and the magnitude of extreme rain events
S Gadgil	Monsoon precipitation in the AMIP runs.	1998	Springer	We present an analysis of the seasonal precipitation associated with the Indian monsoon and the circulation models undertaken as a special diagnostic subproject of the Atmospheric Model Intercomparison Project (AMIP).
A Kulkarni	Monsoon rainfall variations and teleconnections over South and East Asia	2001	Wiley Online Library	Understand their interannual and climate characteristics, and to investigate their teleconnections.
Pandey	Initial and Conditional Rainfall Probability Analysis.	1997	Department of Agril.	Understand for crop planning.
Singh S	Applications of Geographical Information System in Agrometeorology.	2009	Springer	This study would be helpful in developing the cropping plan and allied aspects in agricultural and hydrological disciplines.
Babu PN	Rainfall analysis of a dry land watershed.	1997	Indian Water Res soc.	In this study the Markov chain model method has been applied to know the probability during monsoon period over Andhra Pradesh.
Pandharinath N	Short period probability rainfall analysis	1993	Mausam	Identify the rainfall one set of monsoon rains.
V Kuma	Trend analysis of rainfall and temperature data for India.	2012	JSTOR	Sen's non-parametric estimator of slope has been frequently used to estimate by the Mann–Kendall test. Spatial units for trend analysis vary from station data to sub-division to sub-basin/river basins.

AK Kothari	Analysis of weekly rainfall data using onset of monsoon.	2009	Indian Journal of Soil.	Information for crop growth period is assumed based on normal week of onset of monsoon.