importance of rice field in the society, statement of the problem, methodology, sources of data etc.

CHAPTER – II

PROFILE OF STUDY AREA

The area selected for the present study is Perumatty Grama Panchayath in Palakkad district. The area had undergone land use and cropping pattern change due to the implementation of new government policies and other regional issues. The land use of the area is dominated by rice, coconut, banana, vegetables etc., but recently the cultivating area had often replaced by settlement. Here the present study attempt to trace out the land use and cropping pattern change, decadal change of rice cultivation, its socio-economic and ecological impacts, rice centric government policies etc. The investigation and analysis of any geographical feature discuss the physical, social and economic set up of the place because of the introduction of various dynamic characteristics.

Perumatty Grama panchayath is a beautiful rural area located in the eastern part of the state in Chittur Block. It is located in between the latitudes of $10^\circ 37' 54''$ to $10^\circ 41' 38''$ North latitude and $76^\circ 43' 54''$ to $76^\circ 52' 47''$ E longitudes.

Perumatty grama panchayath is a beautiful rural area located in the eastern part of the state in Chittur block. The location of Perumatty panchayath of Palakkad district offers an interesting area for this research. This panchayath comprises varying physiographic conditions from south east to north west. Number of relief features are present in this region. Most of the area under this panchayath comes under plain region, which are mainly used for rice cultivation and settlements.

CHAPTER – III

RICE CULTIVATION AN OVERVIEW IN PERUMATTY PANCHAYATH