



## Status of Andhra Pradesh micro irrigation project-An empirical study

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### ABSTRACT

No doubt that the Andhra Pradesh Micro Irrigation Project (APMIP) did a see change in agriculture by bringing major portion land under cultivation and creating the awareness about various benefits of micro-irrigation in the farming community to prove the slogan more crops per drop.

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### INTRODUCTION

Water is the most important natural resource, an essential human need and a valuable national asset. Planning, development and management of water resources need to be governed by national perspectives. Water is part of a larger conservation system. Realizing the scarcity and importance attached to the fresh water, it has to be treated as an essential requisite for sustaining all life forms. The scarce and precious national resource, water is to be planned, developed, conserved and managed as such, and on an integrated and environmentally sound basis, keeping in view the socio-economic aspects and needs of the states. As the country has entered the 21<sup>st</sup> century, efforts to develop, conserve, utilize and manage this important resource in a sustainable manner, have to be guided in the national interest. Planning and implementation of water resource projects involve a number of socio-economic aspects and issues such as environmental sustainability, appropriate resettlement and rehabilitation of project affected people and live stock, public health, concerns of water impoundment, dam safety etc.

Complex issues of equity and social justice in regard to water distribution and management are required to be addressed. The development and over-exploitation of groundwater resources in certain parts of the country have raised the concern and need for thoughtful and methodical resource management and conservation of water.

It is a fact that no living being can exist without freshwater on earth, you see how valuable this resource is – and how much we need to protect it. The water plays input role in agriculture, manufacture of essential commodities, generation of electricity, transportation, recreation, industrial activities, etc. Though water is definitely inexhaustible gift of nature, to ensure easy access to it for all the time to come, it becomes compulsory to maintain, conserve and use the resources very vigilantly in every sphere of life. Although disproportionately distributed, the world has plenty of water resources. However, mismanagement, limited resources and environmental change causes, that 20 per cent of the cultivatable land still lacks access to proper irrigation. These people are among worlds poorest. Over half of them live in China

### Key words :

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