



## Role of technology in rural India

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### Abstract

Rural India face a server technology deficit. While there are other serious shortages-power, water, health facilities, roads, etc. these are known and recognised. The backbone of the rural economy is agriculture, which also provides sustenance to over halt the country’s population. Science and research have played important role in increasing yields. The green revolution of the 1970s was, in fact powered by the scientific work in various agricultural research institutions. The goal of technologies is to educate children about processes and technologies that can improve the lives of people in poor or disadvantaged communities, while respecting their local environment.

**Keywords:** information technology, rural development, India, education level, agriculture, objective of rural development

### Introduction

Rural Development is a term that is used widely in government organization and many publications regarding rural activity in all the countries around the world. Water has always been the most necessary resource for life on earth and therefore human development power is a key requirement in rural areas, for agricultural as well as non-agricultural and domestic uses. Water is known of the health problems in rural areas. Rural development is a strategy designed to improve the economic rural development is all bringing change among rural community from the traditional way of living to progressive way of life.

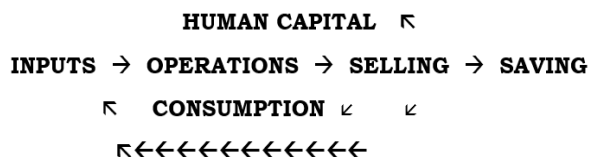
### Objective of the rural development

- To develop farm, home, public services and village community
- To improve health and education condition
- To improve living conditions of poor
- To improve communication level of people
- To improve in producing of crops and animals living conditions
- To improve poor infrastructure facilities like water, transport, health, electricity communication etc.
- To improve villagers with their own efforts

Technology has revolutionised the present era and brought new dawn in the health, education, communication business, transportation and employment 7070 of the country’s population lives in rural areas. Today, rural development is essential for the development of Indian Economy. Information Technology has become the buzzword in India these days. Information is power and power is information without information there can be no growth for making India a developed country, we will have to propagate information technology in rural India because 70% of Indian’s people still reside in the rural areas. Lack of knowledge of English is also a big problem.

First of all there is a great need to make a national policy for promoting it in rural India. National policy may be cooperative in making a strong infrastructure for IT licensed software is not cost effective without heavy funding, we cannot provide facilities of IT to rural India. Role of technology is solving problems for rural India. In irrigated areas, managing the release and distribution of water is critical for maximum production. Urban power transmission systems use information and communication technologies to optimize and monitor the distribution of electricity technology has provided information related to commodity price, transportation agricultural practices, weather etc. technology innovation in healthcare is the need of the hour technology is to help farmers monitor aquaculture ponds many technologies exist for water purification fuel for cooking has drawn attention as an important problem. The spread of rural technologies will be facilitated if they also are employment generators. Rural development implies both the economic betterment of people as well as greater social transformation. Rural development has traditionally cantered on the exploitation of land intensive natural resources such as agriculture and forestry. Ministry is sustainable and inclusive growth of Rural India through a multipronged strategy for education of poverty by increased technology as a business necessity.

### Importance of science & technology in rural India



- Science has played a major role in making India.
- Science offers an all new way of looking at things.
- Science and technology is helpful in agricultural sector,

industrial sector, health, etc.

- It provide information about employment opportunities
- Technology provides simple solutions to water purification access and transport and effective distribution with minimum loss
- Science is the systematic attempt to understand and interpret the physical and biological world.
- Development of practical application of renewable sources like solar, wind and water power, gohar gas, etc.
- Computer technology, literacy, campaigns, improvement in attendance, reduction of dropouts etc.
- Facilitate the means for a rational conservation and use of natural resources
- Envisage massive social and technical change.
- Modernize communication network
- Improve standard of living of people

12. [www.google.com](http://www.google.com)

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### **Problems in rural development**

- People related
- Agricultural problem
- Economic problem
- Administration problem
- Poor understanding
- Personal ego
- Lack of confidence
- Traditional way of thinking
- Poor marketing facility
- Division of land
- Unavailability of inputs

### **Conclusion**

There is a need for taking advantage of recent developments in science and technology in rural India which is the need of the hour to increase the socio-economic status of the rural population. Technology is very helpful in increasing the standard of living of peoples. Now, it is time for technology to play its role in transforming rural India. It is also open gateway to the foreign participants in rural sector and establishes a spirit of competitiveness with the India players in development of rural infrastructure and economy. New science and technology in rural areas have allowed for the absorption of industrial and service sector jobs even in rural regions about social and economic transformation in our country, especially in the rural areas, science and technology is heart of the agricultural development. Today, rural development is essential for the development of India economy.

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