



## REVIEW OF RESEARCH

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### SMART VILLAGE : NEED OF AN HOUR



#### ABSTRACT:

*A smart village knows about its citizens, available resources, applicable services and schemes. It knows what it needs and when it needs. The civilization gone through for various changes affiliated to its growth and development through different accelerators like green revaluation, science and technology, Industrial development etc. Smart villages are the need of the hour as development is needed for both rural and urban areas for improved livelihood. Smart village initiative focuses on improved resources- use efficiency, access to assured basic amenities and responsible individual and community behavior to build a vibrant and happy society. This paper focuses on the key areas as aim, need and importance for smart villages, Govt. programs for smart villages, areas of interest in smart village and expected outcomes of programme.*

**KEYWORDS:** *smart village, development, green revaluation, science and technology, efficiency.*

#### INTRODUCTION

A rural area is a geographic area that is located outside cities and towns, while rural areas are also known as 'village' in India. As per statistics there are 676 district in 29 states and 7 union territories in India with a total number of 6,38,000 villages. In India there are near about 70% of the population residing

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in rural areas and those areas need immediate face-lifting in terms of socio-economic and political spheres. In India, villages are the heart of the nation. So the main aim to smarten the villages by offering basic facilities, education, employment generation activities, technology etc.

Imbalance growth between rural and urban landscapes leads to the challenges of rapid in already crowded Indian urban masses. So, smart village's concept may play crucial role in maintaining the balance between the development of rural and urban areas and helps to reduce migration of rural population in urban areas. The ideas of 'smart village' will also attention to multiple challenges such as unplanned urbanization, under development of villages, migration for economic pursuance, improved standard of living etc.

#### LITERATURE REVIEW:

##### 1) Rutuja Somwanshi & et.al. (2016)

They study the project report deals with study and development of smart village. Smart village is one of the energy access acts as a catalyst for development in education, health, security, productive enterprise, environment that in turns support further improvement in energy access. This report focuses on improved resource use efficiency, local self-governance, access to assure basic amenities and responsible individual and community behavior to build happy society. Smart village by taking smart decisions using smart technologies and services.

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**2) Dr. C. Grace Indira and V. Anupama (2016)**

Explain besides smart cities, it is necessary for us to have smart village for, sustainable and inclusive future of emerging India. Smart villages are the need of the hour as development is needed for both rural and urban areas for improved livelihood. The impulsive motive behind the concept 'smart village' is that the technology. Now it's need of the hour is integrated planning, strategy, and above all monitoring and execution of the activities using proper governance models to work property for the real future of emerging India. They focuses on the key areas as vision and need for smart villages, approaches, government programmes, technology used for smart villages, areas of interest in smart village and it outcomes expected.

**3) Boda Ramesh (2016)**

Explains concept of smart village is the development of the village shall be based on the five path that is retrofitting, redevelopment, green fields, E-pan, livelihood, 69% of India lives in villages, if it is ignored, then it will hamper the economic growth of the country. Villages are backbone of our countries economic growth as most of the primary sector activities occur in villages. To explore new opportunities and dimensions for the rural population in other sectors will definitely boost the country growth. In that path smart village is an initiation through the concept of Rurbanization.

**4) Ankit D. Gangani, Mehulkumar A. Dungrani, Kuldeepsinh Y. Jadeja (2016)**

They study the planning aspects for betterment of smart Indian village. Smart villages are the need of the hour as development not just for rural areas but for integrated urban growth including smart cities as well for better livelihood. Planning for betterment of smart village is needs smartness in technology, eco-friendly environment, maximizing employment potential of rural youth. Taking education, skill for vocations etc. to villages can well channelize the energies of the youth as a powerful tool for the nation. Most of the overall development of the country can be possible with the development of the villages only.

**OBJECTIVES OF THE STUDY:**

- 1) To study the need and importance of smart villages.
- 2) To study the aims of smart village.
- 3) To study the Government programs for smart village.

**Data Collection:**

The present study is based on secondary data which is collected from various publications, journals, magazines, reference books, internet etc.

**Need and Importance of Smart Villages:**

At present one of the major challenges in India is growing population and rapid urbanization. This urban growth to certain expansion is unavoidable, as the economic pursuits and aspirations of the population do change and expand. This needs to be invert and suitably managed through a balance between rural and urban quality of life. The concept of 'smart village' will address the multiple challenges faced for sustainable development of rural India. A 'smart village' will provide long term social, economic and environmental welfare activity for village community which will capable and empower enhanced involvement in local governance processes, encourage entrepreneurship and build more lively communities. At the same time a 'smart village' will ensure proper sanitation facility, good education, better infrastructure, clean drinking water, health facilities, environment protection, renewable energy, waste management etc.

The smart village can achieve SMART in infrastructure, SMART in technology and innovation, SMART institutions along with optimal mobilization and utilization of available resources, leading to faster and more inclusive growth.

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**Aims of Smart Village :**

- Homes with access to toilet, safe drinking water and regular power.
- Maintain its Identity, cultural and heritage.
- Functional solid/liquid waste management system.
- Functional toilet, potable water electricity available in schools, health centres.
- Interacts with Government, NGO's, Social Entrepreneurs Experts for its needs.
- Good facilities for domestic animals like dogs and cattle, dispensaries, pond for cattle, veterinary hospitals etc.
- Awareness on new technologies that can be implemented in villages, farms and nearby places etc.

**Government Programs for Smart Village :****Major Programs in Agriculture**

- National Agricultural Development Program.
- Bank loans, Free Electricity.
- Accelerated Irrigation Benefit Program.
- Fertilizer Subsidy.

**Major Programs to Improve Employment**

- Mahatma Gandhi National Rural Employment Guarantee Scheme.
- National Food Security Bill.
- Public Distribution System.

**Major Programs and Partnerships to Improve Nutrition Security**

- Mid Day Meal Scheme.
- Annapurna Scheme (Ministry of Rural Development) for senior citizens.
- Integrated Child Development Scheme (ICDS)
- Emergency feeding program (in eight districts in Orissa)
- The Nutritional Program for Adolescent Girls.

**SUGGESTIONS:**

- 1) The village panchayat adopted a holistic focus on a variety of activities, with community groups responsible for various aspects of the village economy and social development.
- 2) Emphasis on community - based organizations like women's thrift, milk dairy society and youth clubs.
- 3) Formation of a community, regular meets and setting up of development of goals for village development.
- 4) Government with the help of non-government authorities can arrange various training programmes and to aware the people for development of rural and urban areas.

**CONCLUSION :**

Smart villages became a necessity in current world development scenario. Smart villages are the need of the hour as development is needed for both rural and urban areas for better livelihood and technology will offer effective solution. Smart villages will not only reduce this migration but also irrigate the population flow from urban to rural area as well. Considering education and skill for vocations etc. to village can well channelize the energies of the youth as a powerful tool for the nation. An educated rural youth will be an asset to the country and at most the overall development of the country can be possible with the development of the villages only.

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