

## Study and Development of Nutri Smart Village in Chhindwara District

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### ABSTRACT

*A 'Smart Village' will provide long-term social, economic, and environmental welfare activity for village community, which will enable and empower enhanced participation in local governance processes, promote entrepreneurship and build more resilient communities. At the same time, a 'Smart Village' will ensure proper sanitation facility, good education, better infrastructure, clean drinking water, health facilities, environment protection, resource use efficiency, waste management, renewable energy etc. There is an urgent need for designing and developing 'Smart Village', which are independent in providing the services and employment and yet well connected to the rest of the world. The Smart Village concept will be based on the local conditions, infrastructure, available resources in rural area and local demand as well as potential of export of good to urban areas. The present paper examine motivation behind the concept on 'Smart Village' is that the technology should acts as a catalyst for development, enabling education and local business opportunities, improving health and welfare, enhancing democratic engagement and overall enhancement of rural village dwellers. In the Indian context, villages are the heart of the nation. So we can achieve socio economic development of the Nation by enlarging the concept of smart villages on improving pattern.*

**Keywords:** Smart Village, Components of Smart village, Strategies in Smart Village.

### INTRODUCTION

In India there are 6, 00,000 villages out of them 1,25,000 villages are backward so there is a need for designing and building the village as a smart village. With modernization and urbanization people migrate from one place to another place for different facilities such as education, employment and affinity of people towards the locality or city. Village is main criteria for development of nation. So, develop the village in such a way that which is self dependant in providing the services, employment and well connected to the rest of

the world i.e. smart village. The smart village corrects the social oversight by providing accommodations for sustainable family relationships without disturbing the lifestyle of different generations. The vision of smart village is that modern energy access can act as catalyst for development in education, health, productive enterprise, clean water, sanitation, environmental sustainability and participatory democracy which helps to support further improvement in access to energy. Initially the concept of development of village is of Mahatma Gandhi i.e. swaraj and suraj village.

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But, now days it is newly termed as smart village. We know that, India is a developing with the help of smart village we can make India as a SS nation. Now days, our government also gives strong focus on smart village. Government implements so many schemes on smart village helps to support further improvement in access to energy. Initially the concept of development of village is of Mahatma Gandhi i.e. swaraj and suraj village. But, now days it is newly termed as smart village. We know that, India is a developing with the help of smart village we can make India as a SS nation. Now days, our government also gives strong focus on smart village. Government implements so many schemes on smart village.

### **Smart Village and its Importance**

The idea of smart village in the present day context seems more reasonable as there is a limit of growth of cities which is leading to creation of urban jungles, where the population ratio per km of land is way above the desired norms. To take baby steps initially would lead to a campaign at National level once the fruits of this effort start bearing fruits, which surely would be visible for all to see sooner than expected. Just like smart cities, a smart village should be interactive and multi-functional; there should be active participation of people in various activities. A smart village is one which will automatically link local production with local procurement and local distribution. A smart village will also have power, knowledge, healthcare, technology, entrepreneurship and internet connectivity. A smart village will not only bring Internet connection to the rural lands, but will also provide support to sustainable agricultural practices. A network of small scale industries linked to agriculture, and a strong network of rail and road corridors with civic amenities such as education and health for all, including farmers, will transform the face of real India. The National Sample Survey 61st Round results show that among persons of age 15–29 years, only about 2% are reported to have received formal vocational training and

another 8% reported to have received non-formal vocational training indicating that very few young people actually enter the world of work with any kind of formal vocational training. This proportion of trained youth is one of the lowest in the world. The corresponding figures for industrialized countries are much higher, varying between 60% and 96% of the youth in the age group of 20–24 years.

### **Aims of Smart Village**

- Homes with access to toilet, safe drinking water and regular power.
- A Smart Village knows all information about its citizens, available resources, applicable services and schemes.
- Every household has diversified livelihood opportunities and/or micro enterprise. Microenterprise a business operating on a very small scale, esp. one with a sole proprietor and fewer than six employees.
- Interacts with Government, NGO's, Social Entrepreneurs, and Experts for its needs.
- 100% institutional deliveries.
- Awareness on new technologies that can be implemented in villages, farms and nearby places. e.g. Drip Irrigation, Solar Panels Lighting Systems on streetlights etc.
- Maintain it's Identity, culture and Heritage Plans for development based on People, Assets and Service Centric information and tracks its progress.
- Has functional solid/liquid waste management system.
- End all preventable maternal deaths and infant deaths which means proving good basic health facilities in Health care centred.

### **Government Programs for Smart Village**

In maiden independence day speech, Prime Minister Modi took the opportunity to announce the Saansad Adarsh GramYojna (Parliamentarian's Model Village Scheme), under the new scheme, each parliamentarian is mandated to adopt three rural villages and ensure that these village are transformed into

"Smart Villages" by 2019. Villages will be backed up by the provision of basic amenities that are often only available in urban areas and a social security system. This new drive will provide more opportunities to report on exciting developments undertake fruitful collaboration with other partners and disseminate impactful findings that can benefit off-grid communities far beyond India.

#### Major Programs in Agriculture

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

#### Major Programs to Improve Employment

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

#### Major Programs & Partnerships to Improve Nutrition Security

- Mid Day Meal Scheme
- Integrated Child Development Scheme (ICDS)
- The Nutritional Program for Adolescent Girl.

#### Model Village: Adwar Village, Madhya Pradesh

This is a village in Madhya Pradesh region, nearby Chhindwara. Adwar has been dubbed a "model village" by the Krishi vigyan Kendra Chhindwara that his village offers "the amenities of a city but the Spirit of a village".

#### About the Village

- Every house has a toilet, two primary schools and health care.
- Street lights and drainage system.
- No school Dropouts.
- Mid day meal schemes in schools.

**Table 1: Food and macro nutrients consumption patterns of respondents**

Food Group	Male	Female
Cereal	450	330
Pulses	90	75
Leafy veg.	100	100
Other veg.	200	200
Roots and tubers	200	200
Milk	300	300
Fruits	100	100
Sugar	30	30
Fat	30	25



**Smart Village**

### CONCLUSION

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. The technological support already exists at the urban side and there is a tremendous pressure on urban landscapes due to migration of rural people for livelihood. Smart Villages will not only reduce this migration but also irrigate the population flow from urban to rural area as well. Taking education, skill for vocations etc to villages 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 even if he shifts to a city he shall prove to be an asset rather than a burden as is happening now. And at most the overall development of the country can be possible with the development of the villages only.

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