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Smart City – A Pathway Towards Developed Nation

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ABSTRACT

India as a country has a lifelong dream to become a developed economy. To achieve this aim, many initiatives have been taken by government to transform India into more developed, Technology based & prosperous economy. In the series of initiative taken by government, Smart City Mission program launched by government on 25th June 2015 by Prime Minister Narendra Modi with a plan to transform 100 cities into smart cities. This program was initiated under ministry of urban development which focuses on sustainable development by providing descent quality of life to its citizen by concentrating on all round development of cities along with better environment.

Keywords Smart City, Smart Economy Developed Economy, Sustainable Development,

RESEARCH OBJECTIVES

- 1) To understand the concept of smart city.
- 2) To discuss the various attribute of smart city.
- 3) To study the role of smart cities in making India as developed economy.
- 4) To understand the challenges in development of smart city.
- 5) To evaluates the growth of smart cities and its role for sustainable development.

INTRODUCTION

India as a country has seen rapid urbanization in recent time. As per recent statistics by 2030, 40% of its population will be residing in urban areas and 68 cities of India will have population more than 1 million which creates big challenge for government to fulfill basic needs of people along with additional development needs. As the population is migrating into urban areas, the demand for housing, water, health, education, transportation, electricity and sanitation will also increase. Scarcity of housing will reach to 30 million by 2020, more than new 200 million water supply connection will be demanded, more than 250 million people need to be given sanitation facilities, 160GW of electricity supply need to added and the number of vehicles will see growth by 5 times in urban areas.

To face the challenge of upcoming demand and transform India into better place, Smart cities are developed which are innovative, technology based, human infrastructure with manufacturing efficiency and by providing sustainable environment with better quality of life. Smart city is an area based approach. Smart city is multidisciplinary as well as trans-disciplinary approach which includes the role of every possible people in creation of smart cities. The development of smart cities is used as one of the important technique to deal with the growth of population and to fulfill their need efficiently.

To achieve the successful completion of the project of smart cities , many government policies were implemented such as Atal Mission for Rejuvenation and Urban Transformation(AMRUT) , Swachh Bharat Mission ,Digital India , Skill Development .Smart city will have good quality health and education ,adequate water supply , electricity supply, affordable housing, sanitation, waste management , easy urban mobility with efficient transportation , creating sustainable environment , safety and security to its people and good governance which have effective participation of its citizen .

OBSTACLES IN THE CREATION OF SMART CITIES IN INDIA

Smart cities as a project though sound very attractive and provide chance to states to get funding by being as smart cities but it has its own challenges which are not easy to achieve in India.

Smart cities project will require a huge amount of fund which cannot be financed only through government but it will also require public private partnership. Maximum cities don't have an effective planning for the implementation of the policies or to provide better opportunities to its people.