Research on Smart Cities

The Word “Smart” means Intelligent, bright or sharp so a smart city means a bright city ,a city which is far more advance & versatile on its own.

**Introduction :**

Our World consists of different countries and those countries have various kind of cities some are developed and some are still developing. It is a vision of every citizen of every country to make their won cities Smart or modern.

A smart city vision came when the urbanization strikes to the mankind because making the life more secure, more advances by technology and communication, higher networking system can be a great deal for the citizen. This is the mission for the futuristic revolution which we dreamed of for the last few decades to make the city Smart.

From the early revolution of socialization cities are becoming more big and stronger because people migrate from different community to the strong community to gather skills, education and better life; they are shifting to the wide range of large community to make themselves more dependable. That is why urbanization becoming a major factor of creating smart city. We are living in the generation where modern technology is ruling over the world since last 30-40 years.

Smart city development vision is a combined development which is mostly relies on Information and communication technology (ICT), Networking system, City management policy, Smart devices and Government IT sectors. The development of smart city is also dependent on the local authority, school, libraries, factories, hospitals, power plants, network management, waste management, law, community service, citizen of the society, immigrants, advance technology usage and the intellectuals .the goal is to build a strong community with a advance way of living life by using urban city informatics and technologies to improve better quality living and to sustain longer further in future. For the sufficient service we are badly need to know about the smart city.

We think that smart city is a city where we can focus on technology to make it real, that’s totally a wrong idea, if we focus on technologies than the other sectors won’t be able to compare with the other modern cities and then the mission of smart city will face downfall. It like every animal is needed for an ecosystem, but if one component is missing then the whole ecosystem will fall down. Its same as ecosystem if we work on only technologies then the other sectors won’t be benefited. The combination of knowledge and information can be a good example of smart city.

Modern/urban city and smart city are same by its culture but different by the genre, society, and way of living and updated. Modern city has all the facility where an urban area has, so converting the modern city into smart city is the most difficult part.

Urban city development is dependent on the information and communication technology system, by the time going each and every urbanized city is taking vast care of their information and communication system. This can reduce the consumption cost of the government. The another way to develop the urbanization is to take care of the natural resources what we have in our city and this can help to increase the economic rate of the city and this is how it began as a smart city. We know without the development of urbanization we cannot think of smart city, because rising of smart city depends on it.

A modern city consists of 2 major attributes, Government &citizen. Government take care of schools, libraries, transportation systems, hospitals, economic stability, power plants, water supply networks, waste management, natural resources, law enforcement, and other community services. And citizen takes care of their belongings like electronic-devices, food, clothes, livelihood, community, society, education etc. In most rural cities these factors are not taking care of properly that’s why most of the rural citizen migrate to the urban areas .thus with urbanization the city becomes more and more density and unsettled rather than becoming smart .our vision/goal is to make people happy and way more intelligent by creating their own city as a smart city. We can make a city smart by ensuring the better quality of life style. So all in all we have to think about the people because a city can be smart if the people are smart, and for that government should have to watch out the citizen of their country.

How government can take care and watch out their citizen for the betterment of the city? It was declared by Abraham Lincoln long year age that ‘Government of the people, by the people, for the people, shall not perish from the Earth’. A government can change its city by its rule system at first they have to improve contact between the modern city government and the citizen. Then they need peoples power to increase the rate of economy, then they have to develop every single resources of their country then they have to upgrade the technologies then network system and after that they have to upgrade the ideas towards the technologies, internet and network system so then people doesn’t need papers and pen so that they can deal anything with the tip of a finger.

There are some Sectors that have been developing smart city technologies include government services, transport and traffic management, energy, health care, water, innovative urban agriculture and waste management.

Smart city nowadays are not only a vision it became a revolution in our world, technology are taking over the paper and pen and people are becoming more and more smarter than before like the city. And there is also we have some major technology problems, climate changes, economical rate fraction , economic restructuring ,media & entertainment, over growth population, rural development decrease, immigration & settlement pressure , agriculture and city management , waste management, transportation & communication problems and environmental changes which have become an obstacle in modern city community though this generated the interest in making smart cities. UN(United Nation) appealed a proposal on sustainable development of modern cities. That is why world is thing of eco friendly positive thoughts so that our city doesn’t destroy and become more and more strong and healthy and smart.

**History :**

Every single thing on Earth has a beginning and the end, Urbanization was the 1st vision to make the city more advances and developed before the smart city mission were appealed. From reason of urbanization world came up with the idea of smart city. From my point of view the beginning of the Urbanization stepped into world when Benjamin Franklin invented electricity. He was the 1st man who came up with his invention to light up the world and his own city Massachusetts Bay Colony. After that Thomas Alva Edison invented Bulb which runs through electricity. It’s also applied in the streets of United States. this is how a slowly lots of things were invented like , fan, television, radio, plane, car etc , and after that one invention made the whole world changed. Computer was the 2nd invention made urbanization one step closer, computer & robots were making the hardest thing way easier and smart city mission were reaching at its heights by the urbanization. Internet, network, technologies and update devices took over the world. People started migrating from rural community/city to the urban areas just because of the job opportunities and the scope of living their lives healthy and rich. Though urban areas were becoming more and more advance and rural area were going down as because there were no job opportunities for the citizen and life was on dilemma. So by the help of intellectuals the world came up with an idea to make the rural area more advances and develop and make the urban city to a modern smart city.

**Sustainability of Smart City:**

The first priority of sustainability is to sustain the modern city first, because smart city comes after the modern city. If the technology and development cannot sustain in modern city then the smart city cannot be built. We know Rome didn’t build in one day. that is how we have to sustain the modern city to create he smart city and also take care of the sustainability of smart city .How we can sustain our modern city/urban city? The 1st thing we have to do is we have to understand what we need and what we don’t need and by this we can make the difference of good and bad thoughts or ideas.