



Public opinion on progress of Smart city programme in Tumkur

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Abstract: *The study examines the public level of awareness, perception of the initiatives' advantages, difficulties, and general satisfaction. The report goes into important components of the Smart City initiative, including enhanced infrastructure, digital connection, waste management, energy efficiency, and public involvement. As urban regions work to improve their quality of life, sustainability, and efficiency through the integration of technology and data-driven solutions, the idea of smart cities has attracted significant attention on a global scale. An Indian city named Tumkur started its own Smart City initiative with the goal of improving different facets of urban life. The public perception on the development of Tumkur's Smart City initiative is investigated in this study. The findings from this research help to further our understanding of how local population's view and interact with Smart City programmes, and they provide useful guidance for groups working on comparable urban transformation initiatives including city planners and legislators.*

Key Words: *Public opinion, urban planning, neighbourhood involvement, evaluation of progress, Tumkur, and technological integration.*

1. INTRODUCTION:

The government of india's "smart city" initiative promotes urban areas with fundamental institutional, physical, social, and economic infrastructure, adequate living conditions for city residents, a sustainable environment, and innovative ideas. a systematic city programme to develop 100 cities in india is called the smart cities mission (scm). On june 25, 2015, prime minister narendra modi officially unveiled it. this smart communities mission's main goal is to encourage communities to improve their infrastructure and offer better basic services to the nation's residents. India once had a reputation for being a nation of beggars and nagas. india presently has the sixth-largest economy in the world as a result of changing demographics. according to the 2011 census, 17.36% of india's urban population lives in slums. The government is currently working to rescue an increasing number of individuals from the grip of poverty and slums. As a result, the beginning of the smart city project is a positive step in that direction. On february 6, 2017, tumkur smart city limited (hereafter referred to as "tscl") was founded under the company's act 2013 as a special purpose vehicle (spv). it is one of karnataka's seven smart cities that the smart city mission has adopted. the projects included in the smart city proposal aim to give the people of tumkur access to a safe, smart transit system, better transport options, and environmentally friendly infrastructure. Recognise the city: gnana beedu and kalpataru naadu: the official name of tumkur is tumkur and it is emerging as a knowledge centre, its coordinates are 13.34°n 77.1°e. it is typically 822 meters (2696 feet) above sea level. the city has a south western railway station.

2. LITERATURE REVIEW:

Rashmi (2019): cities are important in social and economic elements of life all over the world, and they have a significant impact on people and the environment. the main causes of the decline in urban quality are thought to be the rapid population growth and expansion of resource consumption, together with industrialization, urbanisation, mobilisation, agricultural intensification, and an excessively consumption-driven lifestyle. cities have come across many new concepts of city development, such as knowledge-city, eco-city, digital-city, livable-city, and low carbon-city, to solve these issues and obstacles. new avenues for urban development have been made possible by these ideas. the definition and conceptualization of the idea of a "smart city" are continuously ongoing as the concept is still in its infancy. as a result, there is no universally accepted definition of a smart city. **v. murugaiah, r. shashidhar and v.**



ramakrishna (2018): smart cities play a crucial role in the development of a new india, the smart city is a red-hot topic on the urban strategy of governments all over the country, humanity faces a variety of problems due to the increasing population, including food, water and energy shortage, crowded cities, environmental destruction and global warming. with introduction of a new mission, 100 smart cities and 500 cities in india will be rejuvenated and transformed through smart cities mission and amrut scheme. ‘Smart city’ has been interpreted quite liberally because of the fact that each city has its own history, culture and ecology. Smart city mission offers great opportunity of developing cities in the context of sustainable development. This study explores the changes and challenges for achieving sustainable and environment friendly urbanization; it also makes attempts to understand the development of cities by case study methodology by studying the proposals of few cities and progress that has taken place. **usman ependi, adian fatchur, rochim (2022):** the concept in urban sustainability is the "smart city." based on a variety of smart city indicators, smart city evaluation evaluates smartness. Smart governance, which attempts to deliver public services through ict assistance, is one of the indications of a smart city. It’s important to investigate a variety of phenomena and difficulties in smart city evaluation (smart governance), particularly in terms of indicators, stakeholder capacities, weaknesses, and variables impacting smart governance. a model of analysis used to investigate smart city assessment is a literature study. three primary steps make up the phases that are done. Establishing a review methodology and outlining needs make up the initial stage of preparation. the process of looking for, choosing, and extracting resources makes up the second implementation step. reporting (or the dissemination of results) is the third phase.

3. MATERIALS:

sample size	100
Sample area	Survey taken different place in tumkur.
sample units	general public
sample procedures	A questionnaire had passed to the citizen of tumkur and collect the relevant information, Systematically through tables and graphs Results have found.
sample technique	Simple random sampling
type of research	Descriptive research

4. METHOD:

Primary data:

Primary data are the first-hand accounts of a study. Finding correct and reliable information to solve a problem in the research is the major goal of gathering primary data.

- Questionnaires are utilized as project study instruments.

Secondary data:

The term "secondary data" refers to information that has been gathered from a reserve or storage source. Following their collection and usage by some agency for a specific purpose, these data are gathered and organized. Both published and unpublished versions of these data are possible.

- The secondary data is gathered primarily from the internet and associated publications.

5. DISCUSSION:

- To study the smart city programme concept.
- To examine the program's level of implementation in tumkur city.
- To evaluate the public impression of the smart city program's progress.
- The study examines at how well-informed the public is, how they view the developments' benefits and challenges, and how satisfied they are generally.

6. SCOPE OF THE STUDY:

The focus of the study is gathering public feedback on the smart city program's development in tumkur city. people from various regions of tumkur are represented. This research provides details on the smart city program's implementation in the city of tumkur.

7. LIMITATIONS OF THE STUDY:

- The study is limited to tumkur city only.



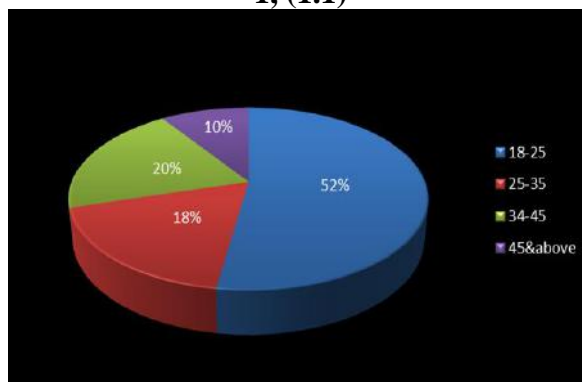
•Due to time consistence only 100 samples taken for the study

8. ANALYSIS:

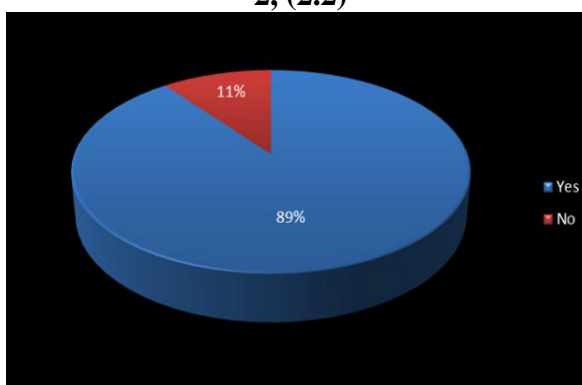
- Age Group from the above graph is the distribution of the population by age group: among the population, 52.40% are between the ages of 18 and 25, 18.10% are between the ages of 25 and 35, 20% are between the ages of 34 and 45 and 9.50% are over the age of 45.
- Are you aware of the smart city program in tumkur?
- According to the data, 89.50% of respondents indicated that they agreed, and the remaining 10.50% indicated that they disagreed.
- Have you noticed improvements in the quality of public infrastructure?
- according to the available data, 70.50% of respondents indicated their agreement with the Variables in question, 18.10% disagreed, and 11.40% were unsure.
- How satisfied are you with the current state of public transportation in tumkur
- The responses were distributed as follows in proportion to the factors taken into account: while 57.10% of respondents reported feeling satisfied, 14.30% said they were very satisfied, unhappy or neutral.
- Are you using any smart service such as online payment systems, waste management apps or e-governance portals?
- According to the data, 80% of instances have a favorable outcome, whereas 20% of They have a negative one.
- . 6. Have you participated in any public consultations or community events related to the Smart city program?
- According to the information given, 65.70% of cases result in a positive outcome, while 34.30% show a negative consequenc.
- . How effective do you think these sustainabilitiy initiatives have been making tumkur a greener city?
- According to the information, 30.50% of cases display ineffectiveness, while 69.50% exhibit high levels of effectiveness.

9. CONCLUSION:

1, (1.1)

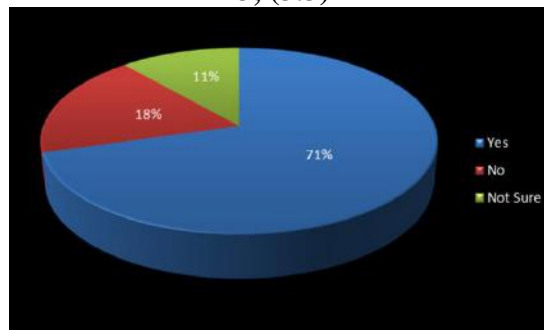


2, (2.2)

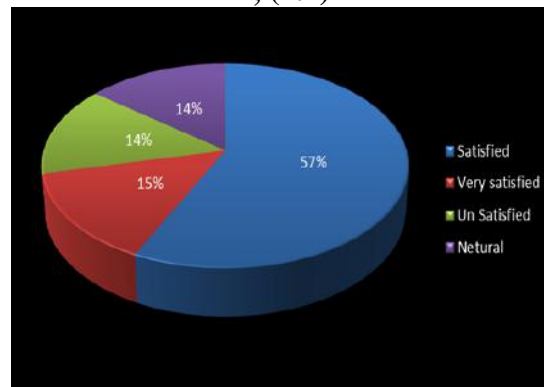




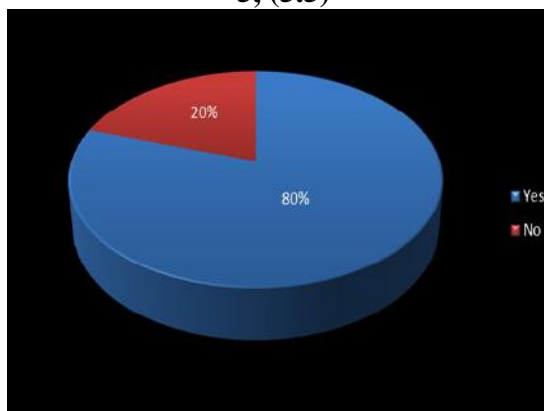
3, (3.3)



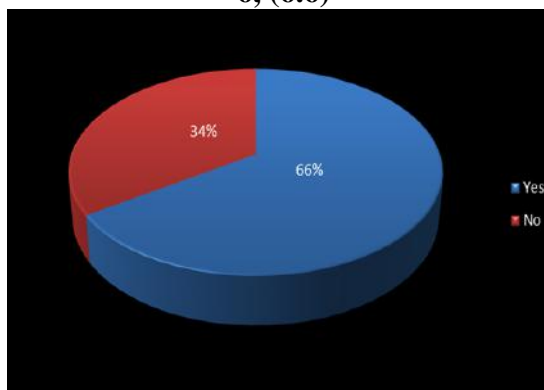
4, (4.4)



5, (5.5)

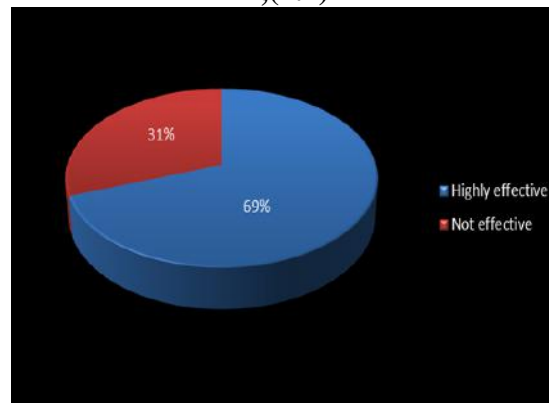


6, (6.6)





7,(7.7)



The public opinion survey that was carried out in tumkur to assess the success of the smart city programme has given important insights into the attitudes and perceptions of the locals. the survey's findings demonstrate a wide spectrum of viewpoints and ideas, exhibiting both encouraging and helpful suggestions and survey on the public's perception of the smart city programme's development in tumkur reveals a diversified viewpoint. while there is a noticeable amount of interest and acknowledgement for the beneficial changes the project has brought about, there are also some issues that need to be addressed. as the city moves forward on its path to a smarter and more sustainable future, the overall success of the smart city programme will depend on open communication, proactive involvement with residents, and a dedication to tackling problems constructively.

REFERENCES:

1. Rashmi (2019)
2. V. Murugaiah, R. Shashidhar and V. Ramakrishna (2018)
3. Usman Ependi, Adian Fatchur, Rochim (2022)

Books

1. A book titled is- smart cities and smart spaces: concepts, methodologies, tools, and applications.

WEBSITES:

- WWW.temkurcity.mrc.gov.in
- WWW.Smartcitytumakuru.in