GUJARAT TECHNOLOGICAL UNIVERSITY

Chandkheda, Ahmadabad.

GOVERNMENT ENGINEERING COLLEGE, MODASA

<u>BUSINESS MODEL CANVAS</u>

On

"SMART CITY"

Under subject of
Final Year Project
B. E. Semester – VIII
(Computer Engineering.)

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Prof. M.B.Chaudhary

Academic year
(2020-2021)

GOVERNMENT ENGINEERING COLLEGE, MODASA

Department of Computer Engineering

2020-2021

CERTIFICATE

Date:

This is certify that the **BUSINESS MODEL CANVAS** report entitled "**Smart City**" has been carried out by **Ronak Basita (180163107002), Pathan Riyaz (180163107027), Chavda Darshan (180163107010)** under my guidance in fulfillment of the B.E. in Computer Engineering (8th Semester) of the Gujarat Technological University, Ahmadabad during the academic year 2020-21.

Guided by: **Head of the Department**

Prof. Viral R. Patel   **Prof. M.B.Chaudhary**

➢ <u>**INDEX**</u>

➤ KEY PARTNERS

- Industrialist
- Government
- Citizens
- Small industries

➤ KEY ACTIVITIES

- Collecting raw materials.
- We built entire product with integrating small components.
- We code this component using Arduino language to bring automation.
- Communication

➤ KEY RESOURCES

- Man power
- Financial
- Efficient components

➤ VALUE PROPOSITIONS

- Cost effective.
- Automation in machine can provide people to focus on their primary stuff.

- Real time website gives data regarding module which help people to observe project modules.
- Using this project people can save their time, electricity, water and makes their city clean.

➢ CUSTOMER RELATIONSHIP

- Cost effective.
- Automated service will help people to focus on their primary things.
- Electronic sensor provide efficiency.

➢ CHANNELS

- We make advertisement for our product.
- Work fullness of our modules can attract people in the city.
- 'marketing strategy.
- Government collaboration.

➢ COSTOMERS SEGMENTS

- Different cities.
- Municipal corporation
- Needful company

➢ COST STRUCTURE

- Cost of bucket may vary with different type of designing.
- Raw materials for making product.
- Coding.
- Automation
- Simple mechanism.

➢ REVENUE STREAMS

- Automation in some area of city.
- Simple mechanism
- Cost effective.