



# SUSTAINABLE DEVELOPMENT GOALS

## Village Action Plan

### Group Members

Isha Barak

Ishita Gupta

Renu Verma

Himanshi

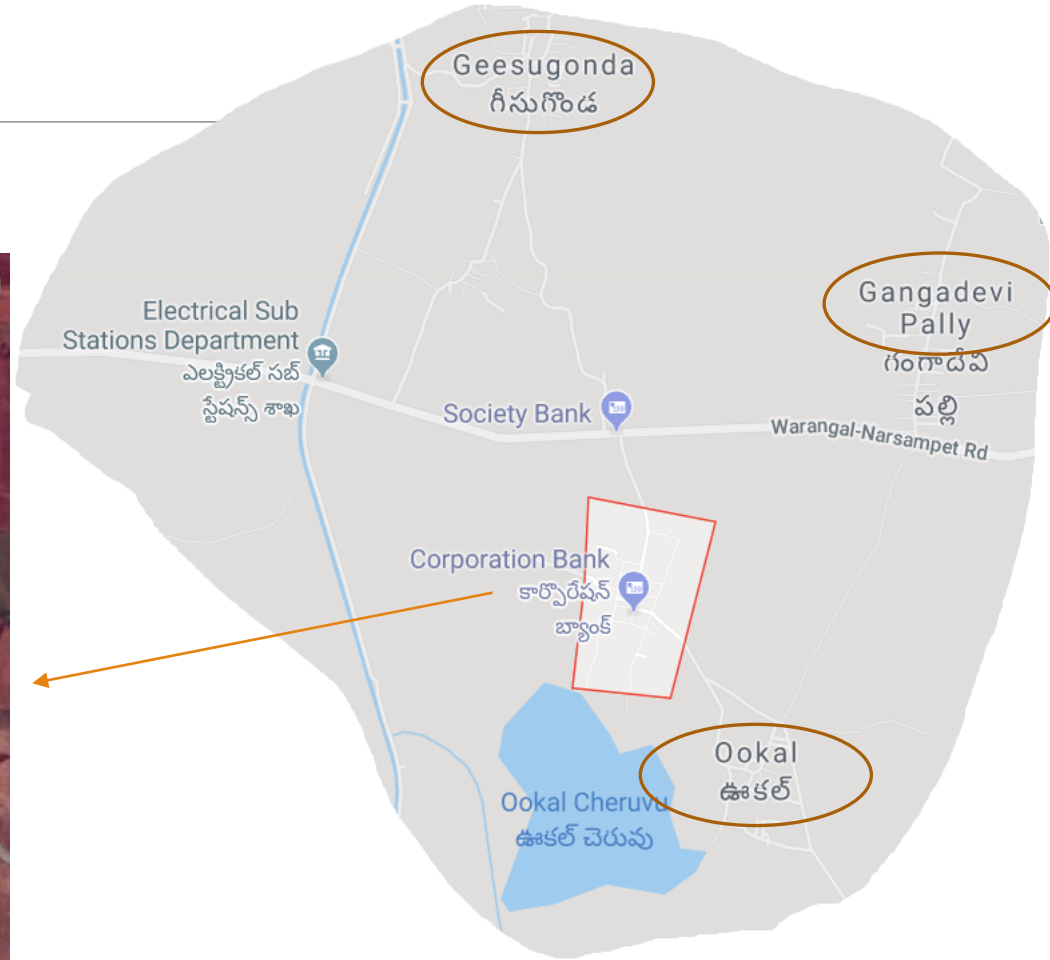
Anjali

# Mariyapuram Village

Region	Name
State	Telangana
District	Warangal
Village	Mariyapuram



**Corporation Bank**



# District and Village



## District

- Area= 2175.5 sq. km
- Population= 690000
- Sex ratio= 995
- Literacy=61%



## Village

- Population=693
- Sex Ratio=1003
- Literacy between age 15 and 50 years=100%



## More about village

- Households=197
- Male Population=346
- Female Population=347

# Timeline

1994

- Village separated from Ookal Village

1988

- Oldest temple Anjanaya Temple established

1983

- Electricity

1970

- Borewells

1973

- First Pucca House

2002

- Cement Roads

1983

- Banks



# Transect Walk

Interacted with all the communities

Electricity in every households

Ponds- Fisheries

Magic soak Pit in almost every household

Only one SC House

ME-SEVA Kendra

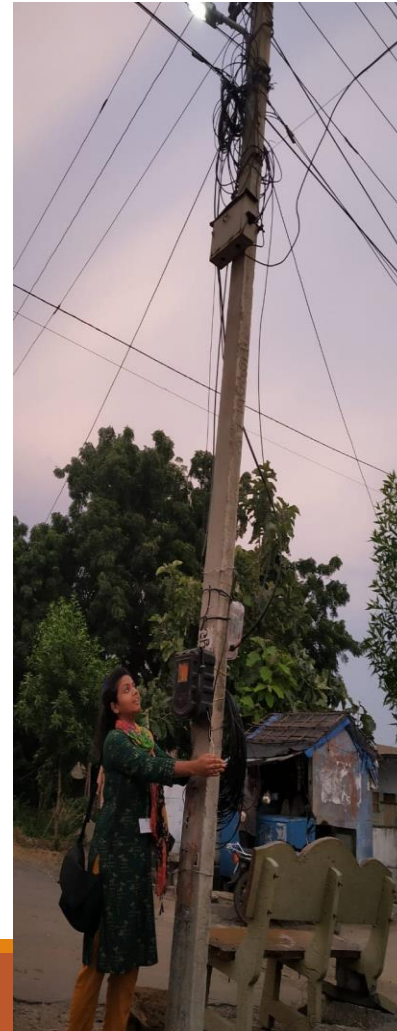
Waste Plastic Collection

Pucca Houses

Every house was having toilets

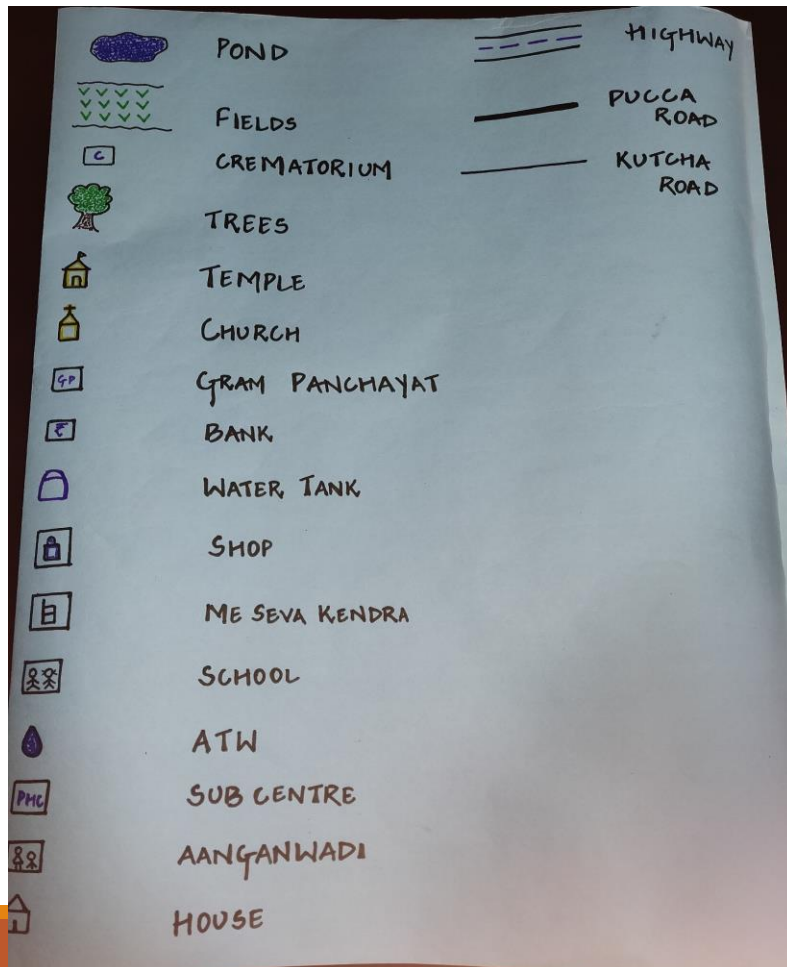
Every house had two wheelers

Livestock





# Resource Map – How it began!





# Resource Map - in collaboration with all 😊





# Resource Map – How it ended!





# Village Action Plan with respect to SDGs

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## Convert

Current Status

Key challenges

Proposed Plan

Financial Plan



# Human Development SDGs

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# Status of Aasara Pensions



## Status

- Eligible group: Old age, Beedi workers and Widows
- 114 Beneficiaries

## Telangana Today

### Telangana: Aasara pensions doubled

Pension of Rs 1,000 increased to Rs 2,016 to all categories, while Rs 1,500 for disabled persons hiked to Rs 3,016

29th May 2019

## THE TIMES OF INDIA



At Rs 2,016 per month, Telangana's Aasara pension amount highest in India

Sep 22, 2019

# Status of Aasara Pensions

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## Challenges

- Still not sufficient for **widows with children**
- **Lack of complete awareness** among villagers

## Proposed Plan

- **Spread awareness** among the villagers **about the scheme**
- Awareness **about the efficient use of funds**





# Institutional Deliveries and Maternal Mortality



## Status

- **One Health Subcenter** in the village
- **Nearest Primary Health Centre** in the Mandal HQ at **GEESUGONDA** (10 mins)
- **Ambulance** is available and is availed by villagers
- **ANM (Auxiliary Nursing Midwifery)** visits the village **every week**



- **100% Institutional Deliveries** in the **Primary Health Centre**
- **No cases of maternal mortality** reported during **last one year**



# Institutional Deliveries and Maternal Mortality

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## Challenges

- Room for ANM was newly constructed and without any equipment
- No Medical Store in the village

## Proposed Plan

- An initiative to set up Primary Health Centre in the village
- Providing ANM with the required equipment





# Quality of Education



## Status

- One English medium private convent school which is affiliated to the Telangana board
- No dropouts till 10th class
- 25 teachers are there
- Average class size is 30 to 35 students
- Computer lab with 14 computers
- Functional Library
- Scholarship availability
- 0% child labour (as all are going to school)
- 100% literacy (age between 15 to 50 years)



# Quality of Education



## Challenges

- No government school
- No school for class 11th and 12th in the village

## Proposed Plan

- Setting up a government school till class 12th

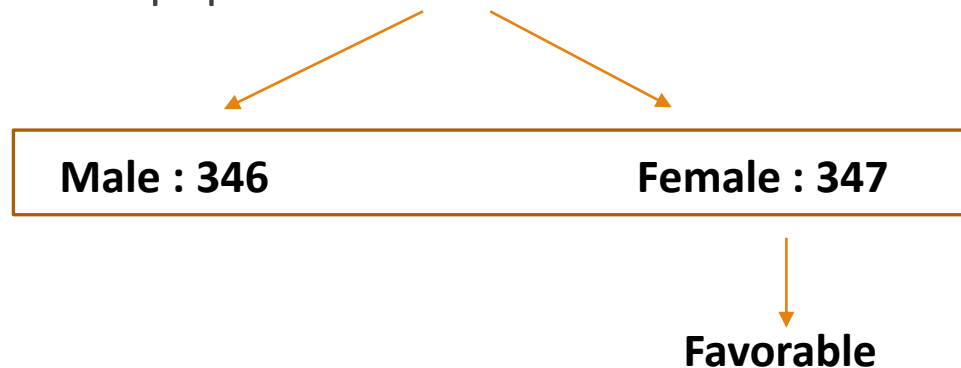




# Sex Ratio

## Status

- Ratio of males to females in the total population
- Total population : 693



## No Challenges

- *Source: 2011 Census*

# Self Help Groups



## Status

- 20 SHGs
- Total SHG members: 237
- Credit taken from: **Stree Nidhi Scheme, Gram Samyik Sangam, Mandal Samkhya Savings, Corporation Bank**
- Used for: Purchasing **livestock**, Financing **education** of children, Supporting **agriculture**

- 100% SHG loan recovery



# Self Help Groups

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## Challenges

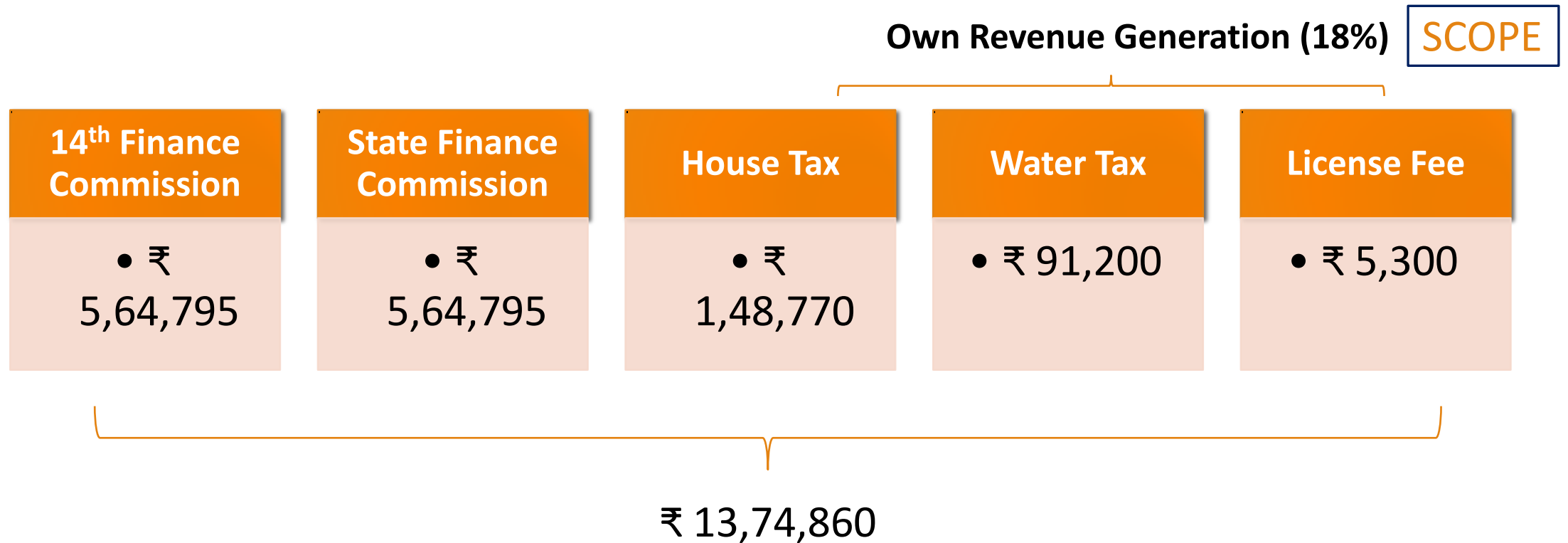
- **Lack of dedicated economic activity** linked to the SHG Loan
- Money used to **support already existing household activities**

## Proposed Plan

- **Skill programs** for the women so that they can **learn new economic activities**
- Money taken as **SHG loan utilized for these dedicated economic activities**
- Will prove to be **more profitable** and **leave a larger share of income** with the women to **support their families**



# Current Annual Financial Resources



# Augmenting the Financial Resources



## New channels



- Pucca Road Tax
- Professional Tax (Assam, Bihar, Himachal Pradesh, Kerala, Madhya Pradesh and Punjab)
- Entertainment tax (Assam, Gujarat, Kerala, Punjab, Uttar Pradesh and Tamil Nadu)
- User charges for public services (street lights)
- Incentive grants from the government in case of better own revenue generation
- Market based financing through the issue of bonds

## Augmenting the existing channels

- House Tax and Property tax : as Gram Panchayats generally do not utilize their powers to levy these taxes efficiently because of close connections with villagers

# Environment Development SDGs

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# Clean Water and Sanitation

## Current Status

1. Single Use Plastic Cell Unit
2. Open Defecation Free Village since 2016
3. Any Time Water System
4. **1 Dumping Yard** for Solid Waste Management
5. Availability of **House to house garbage vans.**
6. Mission **Bhagiratha**
7. **Shramdaan** carried out periodically.
8. Distribution of 2 dustbins to every household by gram panchayat.





# Clean Water and Sanitation

## Current Status....

9. Work taken under Jal Shakti Abhiyan
  - Number of magic soak pits- 149
  - Number of percolation pits- 8
  - Number of community magic soak pits- 6
  - Check dams- 2( under process)
  - Borewell recharge pits- 4 (2 under process)
10. Rs.500 fine on people – defecating in open



# GROUND WATER LEVELS OF MARIYAPURAM

■ June 30th ■ July 31st ■ August 15th

ANGANWADI  
SCHOOL

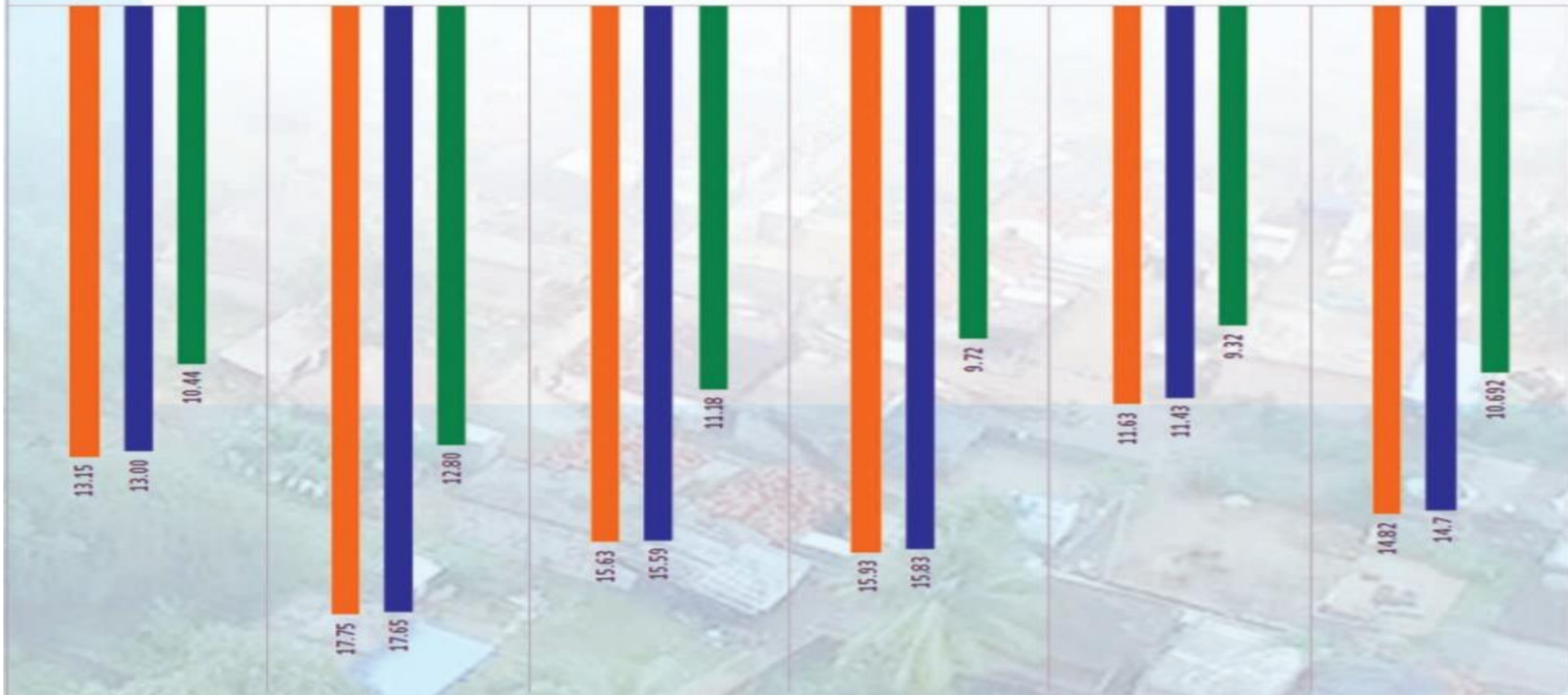
CHURCH

SHYAMALA  
JOJIREDDY

GOPU RANI

POCHAMMA  
TEMPLE

AVERAGE







# Clean Water and Sanitation...

## Key Issues and Challenges

- Absence of underground or closed drainage system.
- Non availability of community dustbins.

## Proposed Plans

- Closed drainage system and proper sewage system.
- Community dustbins should be made available





# Affordable and Clean Energy

## Current Status

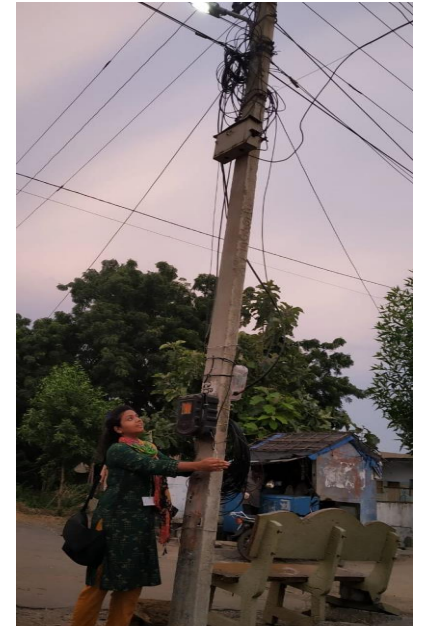
- LPG connections in all households
- 24\*7 availability of electricity
- 115 LED bulbs with Automatic Sensor in the Streets

## Key Issues and Challenges

- No focus on renewable energy and solar energy

## Proposed Improvements

- Focus should be given on Renewable energy and solar panels should be promoted





# Climate Action (**current status**)

## 1. Plantation work under **Haritha Haram Scheme** -

- Haritha Haram Avenue Plantation-2420 plants
- Internal Roads -2400 plants
- Crematorium's- 345
- Godowns-300
- Private Schools-133
- Gram Panchayat-420
- Vetenary Hospital-30
- Temples-30
- Homestate fruits and flowers -32129
- Bund Plantation -3000

## 2. Proper recycling mechanism of **Single Use Plastic** is present.







# Climate Change...

## Key Issues and Challenges-

- People are using hearth to boil water instead of using LPG
- Single use Plastic is not fully banned in the village
- Harmful fertilizers and pesticides are used by farmers

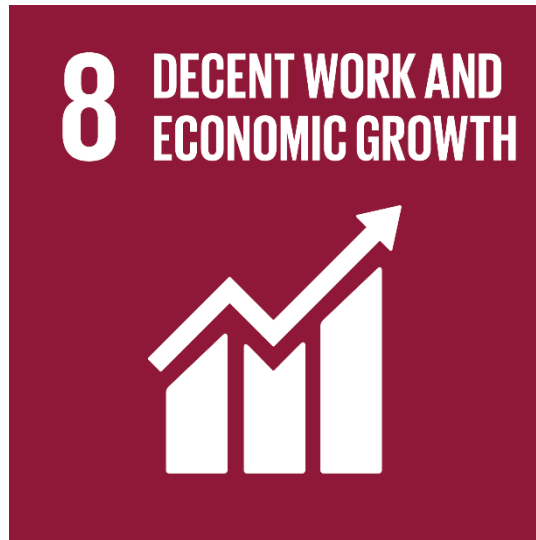
## Proposed Improvements –

- ZBNF and organic farming should be promoted and workshops should be organised periodically
- Paper bags and jute bags should be promoted
- Reduce use of Synthetic Fertilizers and use of prescribed dosage of green manures,vermicomposting,tank silt



# Economic Development

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# Agriculture

## Current Status...

- Agriculture is the main occupation in the village
- Major Crops:- Cotton, Paddy, Turmeric, Maize, Vegetables
- Under Rythu Bandhu, Rs. 5000 insurance is provided to farmers
- PM Fasal Bima Yojana for crop insurance during Rabi Season is available
- No Soil Health with the farmers
- Subsidies for seeds and Urea is provided to farmers
- Agricultural produce is sold to private buyers.
- Irrigation Source: Ponds, Rain, Borewell.
- Under Haritha Haram, HORTICULTURE is being promoted and 32129 homestate fruits and flowers are planted







# Agriculture....

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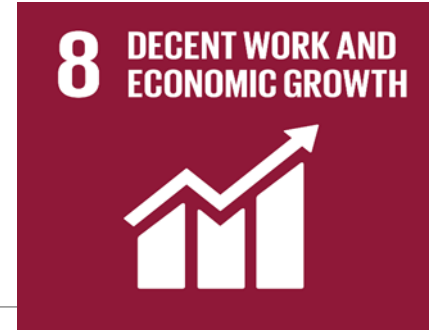
## Key Issues and Challenges..

1. Proper Procurement of produce was not there.
2. Delay in payment when sold at MSP.
3. Small Landholdings.
4. No awareness about soil health card
5. Problems with crop insurance scheme
6. No awareness about Kisan Help Line.
7. Few instances of Farmer suicide.
8. 70-80% of the farmers are small and marginal farmers



# Agriculture....

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## Proposed Improvements..

1. Farmers should be encouraged to sell produce at MSP.
2. Access to soil test laboratory and soil experts
3. Proper awareness about agricultural related schemes.
4. Zero Budget natural farming and organic farming should be promoted
5. Decrease dependence on agriculture.





# MGNREGA..

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## Current Status..

1. Aadhar linked DBT in beneficiary account.
2. Number of job cards under MGNREGA : 175
3. Labour deployed : Ponds Construction, Toilet Building, construction of Magic Soak pits, Percolation Pits, Plantation drive under haritha haram, crematorium





# MGNREGA..

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## Key Issues and Challenges..

1. Supply based work is provided rather than demand based work.
2. Lag in transfer of wage payments and fund allocation.

## Proposed Improvements..

1. Enhancement in the quality and quantity of work simultaneously
2. On time providing of funds to the gram Panchayat for the payment of wages



# Industry, Innovation and Infrastructure

## Current Status

AMIGOS ACADEMIC CREATIVE EDUCATION LTD.

- Aim: Manufacturing Models to make Physics fun
- Owner : Physics teacher





# Industry, Innovation and Infrastructure.

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- Dismantling of old wells
- Bank, ATM ,Post Office are present
- Good road connectivity with Warangal District
- Proper public transport system with buses, E-Auto , E-Rickshaw





# Industry, Innovation and Infrastructure

## Key Issues and Challenges..

1. Lacking in resource availability.
2. Industry was at very small scale
3. Internal roads were of semi-pakka nature

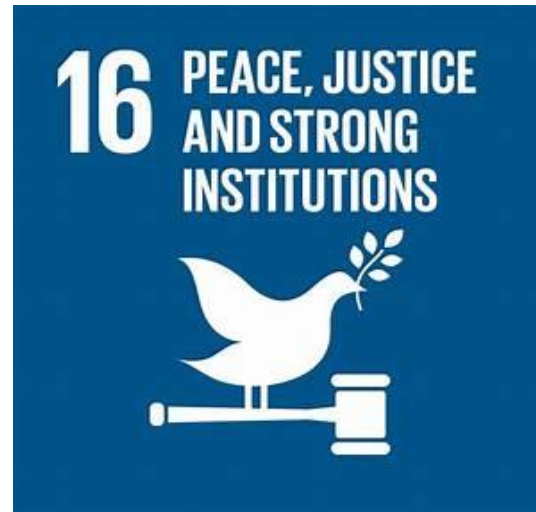
## Proposed Improvements..

1. Needs to be expanded using proper funding and advertising.



# Good Governance

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# Peace, Justice and Strong Institutions

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## Current Status

- Gram Sabha held every month and minimum of 6 times a year
- Minimum 10% members required for Gram Sabha
- High women participation in Gram Sabha
- Telecom and internet connectivity provided with only one computer centre
- Functional MeSeva Kendra
- Sarpanch was interactive

## Key Issues and Challenges

- No proper functional grievance redressal system but Sarpanch was interactive with people
- Lack of infrastructure for some Government Institutions



# Peace, Justice and Strong Institutions

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## Proposed Improvements

1. Proper functional grievance redressal system should be there
2. Digitalisation should be promoted
3. Proper library, proper computer labs should be constructed





# Reduced Inequalities

## Current Status

- High Participation of women in Gram Sabha
- All the SHG's are run by women and they manage all their finances
- Agricultural landholdings with some women



## STRENGTH

- Proactive and innovative Sarpanch
- Sanitation
- Empowered women
- Education a priority
- 100% literacy between 15 to 50 years
- Ground water table high - due to sockpits, water resources (3 ponds) and average rainfall
- Higher sex ratio in the village
- Clean drinking water availability under Mission Bhagiratha
- 30 days action plan

## WEAKNESS

- Only private school education
- Preference for government jobs
- Gram Panchayat staff
- Poor health facilities
- Condition of Agriculture
- Poor drainage system
- Over exploitation of water for paddy cultivation

## OPPORTUNITIES

- Promote government school based education
- Digitisation should be promoted
- Optical fibre connectivity in the area to improve internet facilities large population is consuming mobile data
- Student filled with zeal and zest
- High people participation
- Soil Health Card
- Promote ZBNF and organic farming in the village

## THREATS

- Threats to agriculture as no proper marketing system is there
- Landless labourers increment

