



World Bank Assisted

"Rejuvenating Watersheds For Agricultural Resilience Through Innovative Development - REWARD Program"

Gummlapalli Sub Watershed, Bagepalli Taluk, Chikkaballapura District

About REWARD

Rejuvenating Watersheds for Agricultural Resilience through Innovative Development (REWARD) is a multi-state watershed development program assisted by the World Bank on Program for Results (PforR) mode. Presently, only Karnataka and Odisha States are implementing the program with Karnataka as Light House State. Department of Land Resources (DoLR), GoI is the Nodal Department at National level.

Major objective of the program is **"To strengthen the capacities of national and state institutions to adopt improved watershed management for increasing farmers' resilience and support value chains in selected watersheds of participating States."**

Under REWARD Program consortium of scientific partners with defined roles & responsibilities is established, which led to creation of a template to take forward science based watershed development approach. The consortium of partners in the State involves National Bureau of Soil Survey & land Use Planning (ICAR-NBSSLUP), IISc,

State Agricultural & Horticultural Universities, Karnataka State Remote Sensing & Application Centre (KRSAC), Karnataka State Natural Disaster Monitoring Centre (KSNDMC) and other Supporting Partners like NABARD Consultancy Services (NABCONS) as IVA, Institute of Rural Management, Anand (IRMA) for impact evaluation and The Energy and Resources Institute (TERI) for Process monitoring.

REWARD program mainly aims at carrying out Land Resource Inventory (LRI) and Hydrological studies in rain-fed areas to generate parcel wise scientific data which will be migrated to Digital Library and LRI Portal. State of art, GIS and Remote sensing technologies are adopted along with advanced Hydrology equipment and LRI Lab facilities to conduct these studies in partnership with the above scientific institutions. This information will be used to generate LRI & Hydrology atlases and LRI cards to provide scientific recommendations on site specific technologies on crop selection, soil & water conservation etc., for planners and farmers to adopt at field level.

This LRI & Hydrology data forms critical input for preparation of science based Detailed Project Reports (DPR) for watershed development projects which helps to take up the treatment more scientifically, reduces duration of watershed development cycle and enhances the sustainability.

Science Based Approach under REWARD

Diagnostic study of land & water resources through establishing Land Resource Inventory (LRI) and Hydrological parameters under REWARD Programme forms the Science based approach for watershed development. It involves identifying precise parcel wise science based plans in real time through digital library using decision support system (DSS) with the help of digital tools like GIS & RS data,

generation of Soil and water conservation, crop suitability and nutrient management after soil-site characterization, elaborate protocols for demystifying the science to community along with robust M&E mechanism with strengthened O & M policy.

Further it also helps in understanding the Hydrological dynamics to assess the surplus or deficit status of the watershed through Water budgeting. Accordingly the plan for conserving water through creation of water harvesting structures thereby increase the area under irrigation, enhanced availability of water for livestock and other livelihood activities.

OBJECTIVE OF THE PROJECT

To strengthen capacities of national and state institutions to adopt improved watershed management for increasing farmers' resilience and support value chains in selected watersheds of participating States.

Implementation of REWARD program is aimed at collection of Land Resource information scientifically to provide site specific Land Resource(LRI)recommendations / technologies for farmers to use at field level, and for preparation and implementation of scientific Detailed project reports (DPR) for watershed development projects.

SELECTION OF GGV - FNGO

Based on bidding and experience of the GGV FNGO, Tumkur Dist. The WDD selected GGV FNGO Tumkur to work as FNGO for Gummlaplli Watershed, Bagepalli Taluk, Chikkablal pura Distirt. An MoU signed between the Joint Director of Agriculture, Chikkaballapura district and the GGV FNGO, Tumkur Dist on 01/06/2023.

NGO services under the project details:

Social Mobilization, Planning and Implementation

- Carry out social mobilization, rapport building, awareness generation and formation of village level CBOs and GP level project committees.
- Shall assist the GP/PIA in conducting Gram Sabah, WEC committee meetings and facilitate other preparatory activities of REWARD program.
- Shall carry out identification of vulnerable households in the villages through participatory approach and facilitate their organization into vulnerable groups. Plan in such a way so that maximum coverage is given to the vulnerable groups and the poorest of the poor.
- Shall ensure participation of women in programs and management of project activities
- Shall facilitate the project level committees in developing and adoption of byelaws and participation in project implementation.
- Shall provide necessary inputs in design and estimates required for developing Detailed Project Report (DPR)
- Shall create awareness regarding ESSA (Environment and Social Safeguard Assessment) and facilitate the communities in the integration of ESSA in all project interventions.
- Shall assist in mobilizing vulnerable groups to take up IGA activities for alternative livelihood.
- Shall provide assistance to PIA in preparing and implementation of capacity building action plans for various village/GP level project committees to enable them to function effectively.
- Shall ensure regular monitoring of the activities of vulnerable groups, AGs Cluster organization and other project level committees.

- The Consultant Shall take up discussion with the community and local institutions, formed in the project villages on important social and environmental issues relevant in the area e.g. sustainability of NRM, Soil and water conservation, stall feeding of animals, health, education, harmful effects of pesticides, IGAs, equity, Social cohesion, gender issues, social auditing, etc.
- Shall supervise record keeping, book-keeping, management of group fund, collection of contributions, compliance to the byelaws
- Shall assist in organizing field visits, field tours, on the job training for village level functionary e.g. accounts and exposure visit as and when required. Ensure sharing the outcome of training/ learning/ exposure visit with the community.
- Shall track field activities and update the MIS in coordination with District Coordinator and other stake holders.
- Assist M&E agency in field surveys and enumeration in tracking Theory of Change as mentioned in PAD and Results Framework of the program.

Phase wise Activities of the FNGO:

To be responsible in each phase of the project activities as indicated below

Planning phase – to assist PIA in formation of various village / GP level committees and Groups and to coordinate with PIA in preparation of DPR and Income Generating Activities (IGA) plan
 Implementation Phase -to monitor implementation of works by different AGs and consolidation phase – to train the AGs on O&M and devise a plan for sustainability of project interventions through appropriate O & M arrangements)

- i. To assist Project Monitoring Unit (PMU), PIA and Monitoring & Evaluation (M&E) agencies in data collection as and when required
- ii. To generate reports at PIA level and updating the MIS at various levels for easy data flow

Initiation of the Project:

The Project initiated with staff deployment and office establishment for the project. Below is the brief progress report on the activities conducted by the project staff from June to July 2023.

Introduction of Gummlapalli Sub Watershed

Gummlapalli sub-watershed (SWS) is located in North latitude 13°43'0"N and East longitude 77°54'0"E in Eastern dry Zone-5 of hot, semi-arid and hill region in Bagepalli taluk, Chikkaballapura district and comprising of 08 micro watersheds viz., Peddareddipalli, Agutimadike, Gummanayakanpalya, Tollapalli, Tungadidinne, Kamatampalli, Kalluvaripalli and Shigalapalli with a Geographical area of 5851.624 hectares. And the taluk average annual rainfall is 677.9 mm.

Background -Area, Crops, Rainfall, Soil

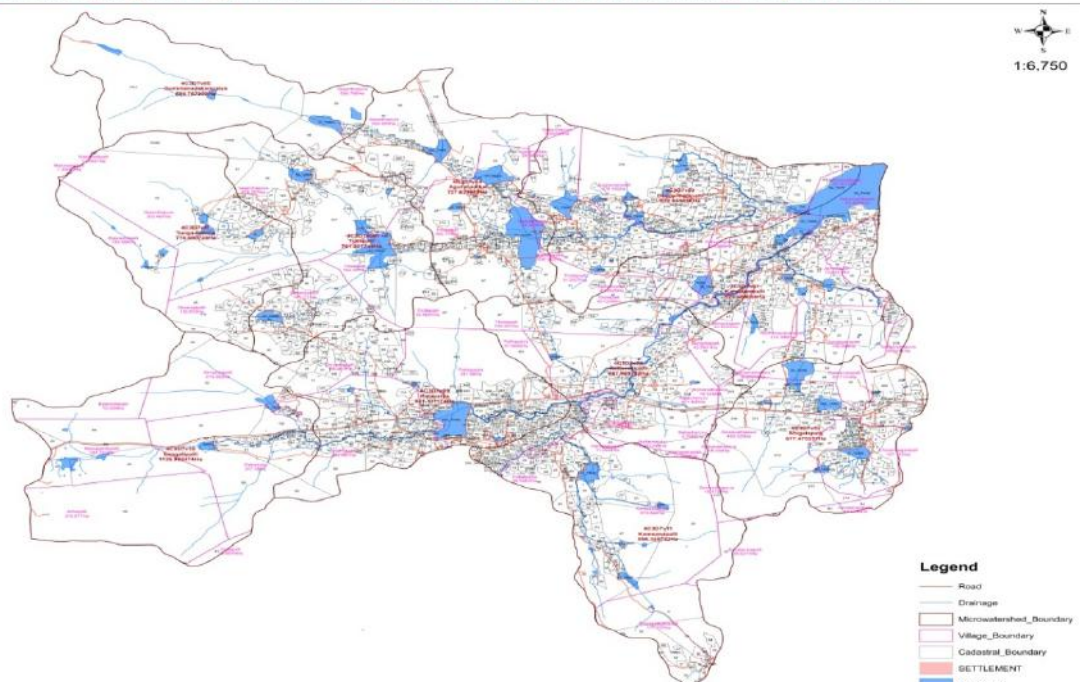
Chikkaballapura district is situated on the North of Ananthapur district of Andhra Pradesh, on the east by Kolar district, on the south by Bangalore rural district and on the West by Tumkur district of Karnataka respectively. Major crops grown in this Sub watershed are Groundnut, Maize, Ragi, Cotton, Sunflower and Pulses viz., Red Gram, Cowpea, Field bean Fruit Crops like Mango, Papaya, Banana & vegetables include Tomato, Onion, Carrot, Beet root & Others. Average annual

rainfall of the SWS is 835 mm (7 years average NBSS&LUP). The major soils are red sandy, loamy and shallow black soils. The main cropping seasons are Kharif, Rabi and summer season will be under bore well irrigation.

Location and Extent

Gummlapalli Sub-watershed, Bagepalli taluk, Chikkaballapura district is located at North latitude $13^{\circ}43'0''\text{N}$ and East longitude $77^{\circ}54'0''\text{E}$ covering an area of 5851.617 ha which includes Peddareddipalli (4C3D7v01), Agutimadike (4C3D7v02), Gummanayakanpalya (4C3D7v03), Tollapalli (4C3D7v04), Tungadidinne (4C3D7v05), Kamatampalli (4C3D7v06), Kalluvaripalli (4C3D7v07), and Shigalapalli (4C3D7v08), Micro watersheds.

Gummlapalli (4C3D7v) Subwatershed Map of Bagepalli Taluk Chikkaballapura District



Geographical details of the Sub Watershed are given below:

Sl. No	Particulars	Peddareddipalli	Agutimadike	Gummanayakanpalya	Tollapalli	Tungadidinne	Kamatampalli	Kalluvaripalli	Shigalapalli	Sub Watershed Total
1	Total Geographic Area	822.66	727.622	590.788	761.938	770.601	829.469	671.069	677.47	5851.624
2	Reserved Forest Area	58.92	144.42	61.36	123.03	539.14	29.10	193.72	142.55	1292.24
3	Area not available for treatment	-	-	-	-	-	-	-	-	-
	a) Quarry	-	-	-	-	-	-	-	-	-
	b) Water spread area	70.04	63.54	9.36	47.26	-	60.59	-	38.65	289.44
	c) Settlement	01.79	01.30	-	0.94	1.9	2.97	4.54	1.42	14.86
	d) Rocky-hill locks which cannot be treated	-	-	-	-	-	-	-	-	-
	e) Others	-	-	-	-	-	-	-	-	-
	Total area not available for treatment	71.83	64.84	9.36	48.2	1.9	63.56	4.54	40.07	304.30
4	Total treatable wasteland area	-	-	-	-	-	-	-	-	-
5	Total area proposed for treatment (5 = 1-2-3+4)	691.91	518.362	520.068	590.708	229.561	736.809	472.809	494.85	4255.077

*Area in hectares

PROGRESS ACHIEVED FROM 03 JUNE 2023 TO 31 JULY 2023

➤ Deployment of Staff :

As per the MOU, following staff are deployed for the project with the consent from Joint Director of Agriculture, Bagepalli Taluk, Chikkaballapura District.

All deputed staff undergone Induction training held at DATC, Naganahalli, Mysore District from 06.06.2023 to 09.06.2023.



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಜಿಲ್ಲಾ ಕೃಷಿ ತರಬೇತಿ ಕೇಂದ್ರ, ನಾಗನಹಳ್ಳಿ, ಮೈಸೂರು-570003

Email: datcmysore@yahoo.co.in

Ph:0821-2591645

ಸಂಖ್ಯೆ: ಜಿಕ್ಕತಕೇ/ಮೈ/ತಾಂ/REWARD/NGO-IT/2023-24

ದಿನಾಂಕ:05.06.2023

ರವರಿಗೆ,

ಜಂಟಿ ಕೃಷಿ ನಿರ್ದೇಶಕರು,

ಚಾಮರಾಜನಗರ/ತುಮಕೂರು/

ದಾವಣಗೆರೆ/ಚಿತ್ರದುರ್ಗ/ಚಿಕ್ಕಬಳ್ಳಾಪುರ.

ಮಾನ್ಯರೇ,

ವಿಷಯ: 2023-24ನೇ ಸಾಲಿನ REWARD ಯೋಜನೆಯಡಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸುತ್ತಿರುವ ಸರ್ಕಾರೇತರ ಸಂಸ್ಥೆಯ ಸಿಬ್ಬಂದಿಗಳನ್ನು ಇಂಡಕ್ಸ್ ತರಬೇತಿಗೆ ನಿಯೋಜಿಸುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ಮಾನ್ಯ ಆಯುಕ್ತರು, ಜಲಾನಯನ ಅಭಿವೃದ್ಧಿ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ರವರ ಪತ್ರ ಸಂಖ್ಯೆ:ಸಂ.ಜಅಇ/ಉಕ್ಕನಿ/REWARD/ಜಿ.ಕೃ.ತ.ಕೇಂ/ 2023-24 ದಿನಾಂಕ: 08.05.2023.

ಮೇಲ್ಕಂಡ ವಿಷಯ ಮತ್ತು ಉಲ್ಲೇಖದ ಪ್ರತಿಕೃತಿ ಸಂಬಂಧಿಸಿದಂತೆ, 2023-24ನೇ ಸಾಲಿನಲ್ಲಿ ವಿಶ್ವ ಬ್ಯಾಂಕ್ ನೆರವಿನ REWARD (Rejuvenating Watershed for Agricultural Resilience Innovative Development) ಯೋಜನೆಯಡಿ ಭೂ-ಸಂಪನ್ಮೂಲ ಮತ್ತು ಜಲವಿಜ್ಞಾನ ಮಾಹಿತಿ ಆಧರಿಸಿ ಸಂಪೂರ್ಣ ಜಲಾನಯನ ಉಪಚಾರ (Saturation) ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಮೊದಲ ಹಂತದಲ್ಲಿ ಸರ್ಕಾರೇತರ ಸಂಸ್ಥೆಯ ಸಿಬ್ಬಂದಿಗಳಾದ ತಂಡದ ನಾಯಕರು, ಜಲಾನಯನ ನಿರ್ವಾಹಕರು, ಜಲಾನಯನ ಸಹಾಯಕರು ಹಾಗೂ ಲೆಕ್ಕ ಸಹಾಯಕರುಗಳಿಗೆ ದಿನಾಂಕ: **06.06.2023 ರಿಂದ 09.06.2023** ರವರೆಗೆ 4 ದಿನಗಳ ಇಂಡಕ್ಸ್ ತರಬೇತಿಯನ್ನು ಹಮ್ಮಿಕೊಳ್ಳಲಾಗಿದ್ದು, ಸದರಿ ತರಬೇತಿಗೆ ಈ ಕೆಳಗೆ ನಿಗದಿಪಡಿಸಿದ ಸಿಬ್ಬಂದಿಗಳನ್ನು ತರಬೇತಿಗೆ ನಿಯೋಜಿಸಲು ಕೋರಿದೆ.

ಕ್ರ.ಸಂ.	ಜಿಲ್ಲೆ	ನಿಯೋಜಿಸಬೇಕಾದ ಸಿಬ್ಬಂದಿಗಳ ವಿವರ				
		WA	TL	WM	Acct.	Total
1	ಚಾಮರಾಜನಗರ	5	1	1	1	8
2	ತುಮಕೂರು	5	1	1	1	8
3	ದಾವಣಗೆರೆ	5	1	1	1	8
4	ಚಿತ್ರದುರ್ಗ	5	1	1	1	8
5	ಚಿಕ್ಕಬಳ್ಳಾಪುರ	6	1	1	1	9
	ಒಟ್ಟು	26	5	5	5	41

ತರಬೇತಿಗೆ ನಿಯೋಜಿಸಲಾಗುವ ತಂಡದನಾಯಕರು(TL), ಜಲಾನಯನ ನಿರ್ವಾಹಕರು (WM), ಜಲಾನಯನ ಸಹಾಯಕರು (WA) ಹಾಗೂ ಲೆಕ್ಕ ಸಹಾಯಕರುಗಳನ್ನು (Acct.) ಜಿಲ್ಲಾ ಕೃಷಿ ತರಬೇತಿ ಕೇಂದ್ರ, ನಾಗನಹಳ್ಳಿ, ಮೈಸೂರು ಜಿಲ್ಲೆ, ಇಲ್ಲಿ ದಿನಾಂಕ: 06.06.2023 ರಂದು ಬೆಳಿಗ್ಗೆ 8.30 ಗಂಟೆಗೆ ವರದಿ ಮಾಡಿಕೊಳ್ಳುವಂತೆ ಮತ್ತು ಹೆಚ್ಚಿನ ಮಾಹಿತಿಗಾಗಿ ತರಬೇತಿ ಕೇಂದ್ರದ ಈ ಕೆಳಕಂಡ ಅಧಿಕಾರಿಗಳನ್ನು ಸಂಪರ್ಕಿಸಲು ತಿಳಿಸುವಂತೆ ಕೋರಿದೆ (ತರಬೇತಿ ಕೇಂದ್ರದಲ್ಲಿ ಬೆಳಗಿನ ಉಪಹಾರದ ವ್ಯವಸ್ಥೆ ಮಾಡಲಾಗಿದೆ).

ತರಬೇತಿ ಸಂಯೋಜಕರು: ಶ್ರೀ ಹೆಚ್. ಆರ್. ರಾಜಶೇಖರ, ಕೃಷಿ ಅಧಿಕಾರಿ, ದೂ. ನಂ: 6360272113
ಸಹಾಯಕ ಕೃಷಿ ನಿರ್ದೇಶಕರು: ಶ್ರೀಮತಿ. ವಜ್ರೇಶ್ವರಿ ಎಸ್., ದೂ. ನಂ: 8277933179

ನಾಗನಹಳ್ಳಿ ಜಿಲ್ಲಾ ಕೃಷಿ ತರಬೇತಿ ಕೇಂದ್ರವು ಮೈಸೂರು ಬಸ್ ನಿಲ್ದಾಣದಿಂದ 07 ಕಿ.ಮೀ (ಬೆಂಗಳೂರು ಮಾರ್ಗ) ದೂರದಲ್ಲಿದ್ದು, ಇಲ್ಲಿಗೆ ನಗರ ಸಾರಿಗೆ ಬಸ್ ನಂ: 315ಎ, 313, 313ಬಿ, 313 ವೋಲ್ಟೋನ ಮೂಲಕ ತಲುಪಬಹುದು. ಈ ಎಲ್ಲಾ ಸಿಟಿ ಬಸ್ ಗಳನ್ನು City Bus Stand ಅಥವಾ KSRTC Bus Stand ಮುಂಭಾಗದಲ್ಲಿ ಹತ್ತಬಹುದು ಎಂಬ ಮಾಹಿತಿಯನ್ನು ನಿಯೋಜನೆಗೊಳ್ಳುವ ಸರ್ಕಾರೇತರ ಸಂಸ್ಥೆಯ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ತಿಳಿಸಲು ಕೋರಿದೆ.

ತಮ್ಮ ನಂಬುಗೆಯ

ಸಹಿ/-

ಉಪ ಕೃಷಿ ನಿರ್ದೇಶಕರು
ಜಿಲ್ಲಾ ಕೃಷಿ ತರಬೇತಿ ಕೇಂದ್ರ
ನಾಗನಹಳ್ಳಿ, ಮೈಸೂರು.

ಪ್ರತಿಯನ್ನು ಗೌರವ ಪೂರ್ವಕವಾಗಿ ಮಾಹಿತಿಗಾಗಿ ಸಲ್ಲಿಸಿದೆ.

1. ಮಾನ್ಯ ಆಯುಕ್ತರು, ಜಲಾನಯನ ಅಭಿವೃದ್ಧಿ ಇಲಾಖೆ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು.
2. ಮಾನ್ಯ ನಿರ್ದೇಶಕರು, ಜಲಾನಯನ ಅಭಿವೃದ್ಧಿ ಇಲಾಖೆ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು.
3. ಮಾನ್ಯ ಜಂಟಿ ಕೃಷಿ ನಿರ್ದೇಶಕರು (ಆ.ಉ.ಚ), ಆಯುಕ್ತರ ಕಛೇರಿ, ಜಲಾನಯನ ಅಭಿವೃದ್ಧಿ ಇಲಾಖೆ, ಕಾವೇರಿ ಭವನ, ಬೆಂಗಳೂರು.

Total	WA	MW	TL	AW
8	1	1	1	5
8	1	1	1	5
8	1	1	1	5
8	1	1	1	5

ಉಪ ಕೃಷಿ ನಿರ್ದೇಶಕರು
ಜಿಲ್ಲಾ ಕೃಷಿ ತರಬೇತಿ ಕೇಂದ್ರ
ನಾಗನಹಳ್ಳಿ, ಮೈಸೂರು.

G.G.V - FNGO - Staff Details:

Sl. No.	Name of the Staff	Qualification	Position	Contact No
1	MARUTHI KUMAR H A	M.A	Team Leader cum Community Mobilizer	8217440296
2	NAGESH K	B.A	Watershed Manager cum Training Specialist	7386855263
3	PRABHAKAR P R	B.Com	Accountant cum Assistant	9902884805
4	KUMARA K	BA	Watershed Assistant	9743960935
5	VISWANATHA REDDY K R	BA	Watershed Assistant	9611110039
6	RAJENDRA PRASAD N	BA	Watershed Assistant	9686211109
7	ANJANEYA K	BA	Watershed Assistant	9686516322
8	SHIVAPPA K O	BA	Watershed Assistant	9606694169
9	RAVIKUMAR K V	BA	Watershed Assistant	9845166490

DATC MYSORE - TRAINING PHOTOS





Setting up of the GGV - FNGO Office in centrally located place of the Watershed

Completed office setup in Nallacheruvu (Nagurlu) Pathapalya Village, which is one of the watershed villages and centrally located in the watershed area.

Address is : G.G.V - FNGO Office @
C/o Venkataravanappa Y R Building
Opp. Bharathi School, Nallacheruvu (Nagurlu)
Pathapalya Post, Bagepalli Taluk,
Chikkaballapura District - 561212
E-mail: rewardggvbagepalli@gmail.com
Mob: 9844197075





Nallacheruvu, Karnataka, India
QX63+XPX, Nallacheruvu, Karnataka 561212, India
Lat 13.762398°
Long 77.953341°
17/08/23 10:18 AM GMT +05:30



Latitude: 13.762286
Longitude: 77.953262
Elevation: 771.69±100 m
Accuracy: 244.2 m
Time: 07-11-2023 15:05

Powered by NoteCam

Awareness Programs

Focus Group Discussion:

Discussion with the community and local institutions, formed in the project villages on important social and environmental issues relevant in the area e.g. sustainability of NRM, Soil and water conservation, stall feeding of animals, health, education, harmful effects of pesticides, IGAs, equity, Social cohesion, gender issues, social auditing.



Jatha and Street play

Prepared slogans and hand sticks for jatha and Street play. Conducted Jathas and Street plays on below dates. Jatha and street play programmes have been organized for awareness creation and social mobilization about REWARD project, the details about both the programmes are mentioned below in the table.

Sl. No.	Name of the Micro	Name of the Village	Date of Completed Jatha and Street play
1	Peddareddipalli	Kondireddipalli	04-07-23
2	Agutimadake	Agutimadake	04-07-23
3	Gummanayakanpalya	Gummanayakanpalya	04-07-23
4	Thollapalli	Thollapalli	04-07-23
5	Thungetidenne	Thungetidenne	06-07-23
6	Kamatampalli	Kamatampalli	05-07-23
7	Kalluvarapalli	Nallacheruvu	05-07-23
8	Shigalapalli	Chimannagapalli	06-07-23
9	Pathapalya	Pathapalya	05-07-23
10	Sangatapalli	Devarajapalli	06-07-23

