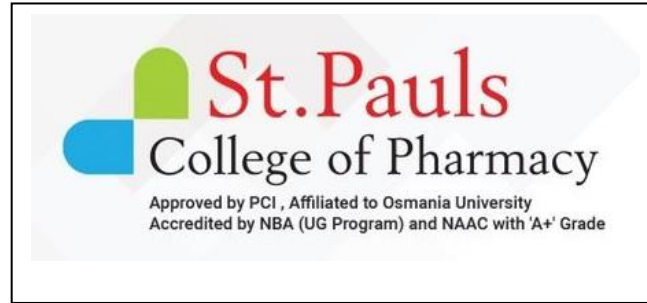




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ANNUAL PROGRESS REPORT (2021-22)

SEG PROJECT

**PILOT SCALE UP OF CULTIVATION OF BLACK RICE
AND MILLETS**

**BY
PARTICIPATING INSTITUTE**

ST. PAULS COLLEGE OF PHARMACY

State: Telangana

Dist: R.R , Block:Manchal

SEG name: Manchal

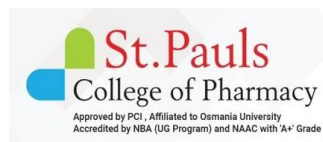
RCI: NIRDPR

AISCHE CODE OF COLLEGE- C-25962



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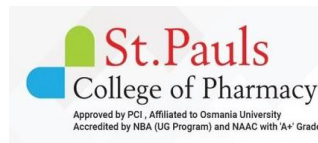
BACKGROUND

| S.No | Contents | Pg. No |
|-------------|---------------------------------------|---------------|
| 1. | Introduction | 3-4 |
| 2. | Activity progress and fund allocation | 5-8 |
| 3. | Annexure 1 | 9 |
| 4. | Annexure 2 | 12 |
| 5. | Annexure 3 | 15 |
| 6. | Mid term progress | 18 |



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Introduction

Unnat Bharat Abhiyan as a flagship programme of Ministry of Education, Govt of India envisaged the need of transformational change in rural India with cooperation of Higher Educational Institution as a architecture of an Inclusive India. St Pauls College of Pharmacy has been designated as participating Institute under UBA in the year 2020. As part of UBA mission the HEI St. Pauls College of Pharmacy has adopted five villages for their integral development. The list of five villages includes Manchal, Thippaiguda, Dadpally, Chittapur and Lingampally belonging to Ranga Reddy district. The activities initiated and monitored by HEI under the UBA programme include village survey, household survey, identifying the problems and preparing a village development plan for their respective villages, Developing way forward plan suitable to uplift socio economic development. The proposed developmental works are to be performed by the existing schemes of the Government in utilizing the UBA fund proposed for the SEG proposal

Scope

The SEG proposal was developed based on the survey results of UBA village survey programme which could emphasize the need of socioeconomic upliftment and strength of the villages with its traditional roots of knowledge as agriculture. The SEG proposal emphasized on “Cultivation of Black rice and millets” as rural upliftment programme which was approved by UBA under sustainable agriculture system.

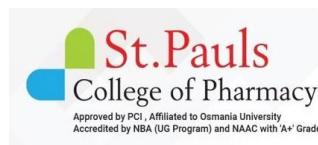
Objectives

1. To conduct village survey and house hold survey
2. To analyze the needs of the local population of the villages
3. Design and development of research inquisitives applicable to the area in order to uplift the village with strong socio economic background
4. To work in orientation with the SEG proposal to uplift agriculture rural development
5. To analyze the project time to time for its timely completion



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| | |
|---|---------------------------|
| Reporting Period(Month & Year) | Jan –November 2022 |
|---|---------------------------|

1. Name of the Participating Institution (PI) and AISHE Code:

| | |
|--------------------------------------|----------------------------|
| St. Pauls College of Pharmacy | AISHE Code: C-25962 |
|--------------------------------------|----------------------------|

2. Contact details- UBA Office

| | |
|----------------------|---|
| Mobile number | 9052001390 |
| E-mail ID | drkiranmaim@stpaulscollege.ac.in |

3. Details of cluster/villages where UBA activity is being carried out

| SN. | Villages | Block | District |
|------------|-----------------|--------------|---------------------|
| 1 | Manchal | Manchal | Rangareddy District |
| 2 | Thippaiguda | Manchal | Rangareddy District |
| 3 | Dadpally | Manchal | Rangareddy District |
| 4 | Lingampalle | Manchal | Rangareddy District |
| 5 | Chittapur | Manchal | Rangareddy District |



4. Gram Sabha level activity and information

A: Program organised in Gram Sabha

| SN. | Name of Activity | Date | Remark |
|-----|---|--|--|
| 1 | Meeting with gram panchayat secretaries, SHG , Asha workers on socioeconomic status of villages | 29 th August 2021 | Reported the weak sections and socioeconomic status of villagers |
| 2 | Interaction with Gram Pachayat secretaries of each village, Villagers for understanding health status | 9 th September 2021 | Report on nutrition aspects pertaining to women and children |
| 3 | Village survey –UBA at Manchal, Dadpally | 1 st December- 20 th January 2022 | Identification of problems at village level |
| 4 | Village survey –UBA at Thippaiguda, Lingampalle, Chittapur | 22 nd January – 5 th February 2022 | Identification of problems at village level |

Activities by Participating institute

Activity 1: September 2021 –December 2021

Village level survey and House Hold survey

The village level survey and house hold survey was conducted with the involvement of two faculty members and 20 student coordinators from PI.

Table 1: Population statistics of Villages as per 2021 statistics

| No | Name of the Mandal | Name of the Habitation | P O P U L A T I O N | | | | | | | | | | | |
|----|--------------------|-------------------------------|---------------------|------------|------------|------------------|-------------|-------------|-------------|-------------|-------------|--------------------------|-------------|--------------|
| | | | Scheduled Tribes | | | Scheduled Castes | | | Others | | | T o t a l (ST+SC+Others) | | |
| | | | Male | Fem ale | Tot al | Mal e | Fem ale | Tot al | Mal e | Fem ale | Tota l | Mal e | Fem ale | Total |
| 1. | Manchal | Lingampally | 1 | 3 | 4 | 105 | 107 | 212 | 637 | 606 | 1243 | 743 | 716 | 1459 |
| 2. | Manchal | Manorabad | 0 | 0 | 0 | 76 | 78 | 154 | 4 | 8 | 12 | 80 | 86 | 166 |
| 3. | Manchal | Sabithnagar | 0 | 0 | 0 | 131 | 133 | 264 | 153 | 113 | 266 | 284 | 246 | 530 |
| | | Lingampally Total: | 1 | 3 | 4 | 312 | 318 | 630 | 794 | 727 | 1521 | 1107 | 1048 | 2155 |
| 4. | Manchal | Dadpally | 174 | 176 | 350 | 38 | 35 | 73 | 303 | 290 | 593 | 515 | 501 | 1016 |
| 5. | Manchal | Venkateshwar Thanda | 188 | 149 | 337 | 2 | 4 | 6 | 0 | 0 | 0 | 190 | 153 | 343 |
| | | Dadpally Total: | 362 | 325 | 687 | 40 | 39 | 79 | 303 | 290 | 593 | 705 | 654 | 1359 |
| 6. | Manchal | Thippaiguda | 2 | 1 | 3 | 165 | 128 | 293 | 402 | 367 | 769 | 569 | 496 | 1065 |
| 7. | Manchal | Chittapur | 0 | 0 | 0 | 150 | 115 | 265 | 628 | 596 | 1224 | 778 | 711 | 1489 |
| 8. | Manchal | Manchal | 14 | 226 | 240 | 547 | 554 | 1101 | 158 | 158 | 3166 | 214 | 236 | 4507 |
| | | TOTAL:- | 379 | 555 | 934 | 1214 | 1154 | 2268 | 4019 | 3565 | 7273 | 5301 | 4274 | 10575 |

Activity 2: Activities to motivate Villagers community towards UBA participating institute (Sep-Dec 2022)

1. A meeting was organized at Manchal on 9th September, 2021 to motivate community members (villagers, Students, faculty members and staff members) to participate enthusiastically in the



activities of UBA at Manchal and also discuss to adopt a new Five villages in close proximate of institution for better coordinating with villager's. Name of villages are: 1. Manchal 2. Dadpally 3. Chittapur 4. Lingampally 5. Thippaiguda (**Report in Annexure 1**)

Activity 3: Govt Awareness camp in association with Village Panchayat secretaries

The camp was conducted in each village to conduct awareness on the available govt schemes for agriculture and also the village secretaries were involved to develop Village development plan. Around 1000 villagers were involved and the village development plan was approved and circulated to the sarpanch of the respective villages. (**Details in Annexure 2**)

Activity 3: SEED development program

The seeds were procured and prior to the initiation the field were prepared for sowing of seeds including ploughing of 2 hectares of land. Further on July 25th 2022 the seeds were sown and in between the fertilizer treatment etc were carried out.

November 2022: the harvesting was done and the paddy obtained was for milling.

All the details of the seed procurement, ploughing, sowing, harvesting and the allocated funds are reported in **Annexure 3**

Activity 4: Continuous monitoring of activities by PI

The PI is vigilant on the activities and the connections between the village panchayat secretaries in order to effectively execute the village development plan.

Periodical meetings in order to address the issues with rain and irrigation were communicated to local panchayat secretaries and also the issues were addressed.

The PI has taken key initiative to engage the project staff to conduct govt awareness program, meetings and also in the farming practices.

The timeline reports and the utilization certificate of the village survey has been communicated to IIT Rourkeela National Coordinating institute



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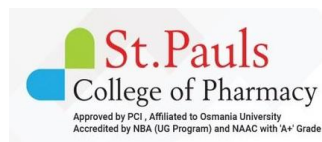


Table 3: Allocate fund for SEG project and Baseline survey

| S. No | Name of the project | Allocated fund | Utilization certificate |
|--------------|--|-----------------------|--------------------------------|
| 1 | Baseline survey | 50000 | Submitted |
| 2 | SEG project in cultivation of Black rice and millets | 100000 | Submitted |

Annexure 1

Report on village survey and baseline survey

Table 2: Survey results of the villages (Sep-Dec 2021)

| S. No | Village name | Identified problems | Strengths of village | Addressing issue |
|-------|--------------|--|--------------------------------------|-----------------------------------|
| 1. | Manchal | Transport issues Unemployment Need of future revenue generating livelihood | Agriculture Women handicrafts | Development of agriculture system |
| 2. | Thippaiguda | Transport and irrigation issue Need of future revenue generating livelihood | Agriculture Other laborious works | Development of agriculture system |
| 3. | Dadpally | Irrigation issue Unemployment Transport | Agriculture | Development of agriculture system |
| 4. | Lingampally | Electricity issue Unemployment Irrigation issue | Agriculture Women handicrafts | Development of agriculture system |
| 5. | Chittapur | Irrigation issue Unemployment Transport | Agriculture Women handicrafts | Development of agriculture system |

The common focused problems identified by village survey include

1. Transport facilities are poor.
2. Lack of awareness about Government schemes.
3. School infrastructure is in bad condition.
4. Problem of wide consumption of alcoholism among villagers.

5. Management of liquid and solid wastes.
6. No street lights and transport at certain places like chittapur and dadpally.
7. 60% of Unemployment was observed.
8. No primary health center at dadpally and thippaigguda.

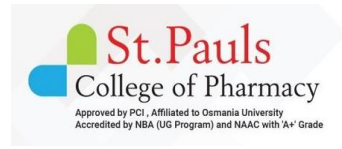
B: Plan of action for village development (Gram Sabha)

| SN. | Name of village | Major issues identified in village | Action plan |
|-----|---|---|--|
| 1 | Manchal (Grant received for Manchal) | Boost agriculture for Crop rotation thereby enhancing livelihood, employment issues | Action plan designed and initiated- Black rice as commercial and health benefit is identified further plot set of black rice cultivation initiated |
| 2 | Dadpally | Boost agriculture for Crop rotation thereby enhancing livelihood, employment issues | Action plan is prepared, Initiation will be done after receiving the grant of funding |
| 3 | Chittapur | Boost agriculture for Crop rotation thereby enhancing livelihood, employment issues | Action plan is prepared, Initiation will be done after receiving the grant of funding |
| 4 | Thippaiguda | Boost agriculture for Crop rotation thereby enhancing livelihood, employment issues | Action plan is prepared, Initiation will be done after receiving the grant of funding |
| 5 | Lingampalle | Boost agriculture for Crop rotation thereby enhancing livelihood, employment issues | Action plan is prepared, Initiation will be done after receiving the grant of funding |



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Baseline survey-village level survey and house hold survey



Annexure II

Title: Exposure and Field visit to Manchal village- IIC and UBA (Problem identification issues at village level)

Objectives

- To identify the villages with weak development
- To identify weaker section people of village
- To enhance and upgrade village development plans
- To take necessary action under the state govt action plans

Speakers

Chairman and Governing body member: Mr. K . Sudhir

Vice president IIC- UBA coordinator: Dr. M. Kiranmai

Innovation and IPR coordinator: Dr. Sneha Thakur

NIRF coordinator: Dr. Somnath De

Govt officials: Panchayat Raj Secretaries, VRO Of Respective Village

Participant Details

The village people including different age groups like above 45, 35-45, 20-30 and children were selected as participants. The interaction was done in presence of govt officials and the queries were reported in form of survey. Further the Govt officials could approve the survey form which was disseminated as part of Village development plan. The need of revocking and upgrading the infrastructure and addressing health issues was matter of concern that was concluded from the study.

Outcome

Lot of health issues that is affecting livelihood

Need of nutritional supplements for children and women

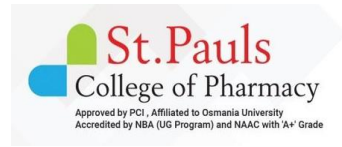
Sanitization facilities need to be improved

Principal
St. Paul's College of Pharmacy
Turkavemial, R.R. District



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College of Pharmacy
(Approved by AICTE, PCI and Affiliated to Osmania University)



Village level and Gram Panchayat survey in District head quarters of Manchal Gram panchayat, Manchal village about socioeconomic status and health status of villagers



Govt Scheme awareness program at Manchal

Annexure 3

Seeds were procured and SEED development plan was initiated in July 2022, further the Mid term progress and difficulties faced were monitored time to time in association with Village panchayat secretaries.

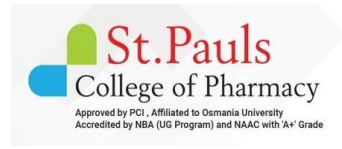


SEED development Plan on JULY 2022



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Action plan initiation at Manchal Village, block Manchal, R.R dist, Telangana state- Black rice



Project investigator working on Transplantation of Black rice plantlets in July 2022 in Manchal village, block Manchal, R.R dist, Telangana state



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Midterm activity progress

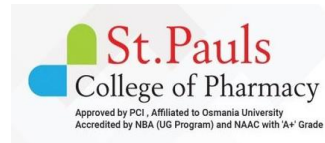
St. Pauls College of Pharmacy has organized a **Field Trip to Manchal village** on 2-11-2022 in association with UBA, IIC and AMC. The visit was helpful for students to identify the problems in the crop field. The students of B. Pharmacy IV year and II, III, IV year of Pharm D interacted with village people through door to door survey. The visit had helped the students in identifying the Adverse drug reactions, village issues and need of upgradation in village development plans.

Report on midterm activity



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Exposure and Field visit to Manchal village- IIC,AMC and UBA (Problem Identification at village level)

Objectives

St. Pauls College of Pharmacy has organized **Field Visit to Manchal village** on 2-11-2022 in association with UBA, IIC and AMC to analyse the mid term progress and status of the village in terms of health.

- Identify the problems in crop field.
- Interact with people at door.
- Create awareness regarding adverse drug reactions.
- Identify adverse drug reactions.
- Take necessary action for village development.

Chairman and Governing body member: Mr. K. Sudhir

Vice president IIC- UBA coordinator: Dr. M. Kiranmai

Innovation and Start up activity coordinator: Dr. Sneha Thakur

IPR coordinator: Dr. Somnath De

Faculty coordinators: Dr. Anusha Joel, B.Suhasini.

Govt officials: Panchayat Raj Secretaries, VRO Of Respective Village.

Participant Details:

As part of IIC,AMC and UBA program students of B. Pharmacy IV year and II, III, IV year of Pharm D of St Pauls have visited Manchal village, students made door visit to identify the problem that villagers were facing. Students interacted with villagers of all age groups in friendly manner enquiring about the medication, food habits and water. In the process understood that villagers do not have basic understanding of side effects of medication, importance of medical perceptions, hygiene and nutrition.

Students strongly echoed the importance of village development plans such as medical camps, awareness of ADR . Eradication of water contamination and healthy food habits

It was good exposure for students through field visits to experience the problems.

Outcome

to conduct:

- Medical camp to make villagers aware of ADR
- Nutritional awareness, especially for children and women
- Sanitization awareness

Principal

Principal

St. Pauls College of Pharmacy
Turkayampal, R.R. Dist-501 510



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Accredited by NBA (UG Program) and NAAC with 'A+' Grade

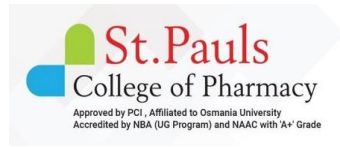


Midterm activity survey in Manchal



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Mid term activity survey in association with gram survey secretaries