

PM-USHA-SOFT COMPONENT ACTIVITY REPORT

(Programme wise)

1. Basic information

Name of the college: **SKVT Government Degree College**

Component: **Training programme**

Title / Theme of the programme: **Skill Training programme with certification**

MICROGREEN CULTIVATION

Organizing Department: **Department of Botany**

Dates: **21-01-2026 to 25-01-2026**

Duration : **5days**

Venue – **Vivekavardhini Seminar Hall**

Mode – **Offline**

OBJECTIVES:

- ❖ To equip learners with practical and theoretical knowledge required to grow, manage, and market micro greens efficiently at small or commercial scale.
- ❖ To introduce the concept, importance, and nutritional value of micro greens.
- ❖ To differentiate micro greens from sprouts and baby greens.
- ❖ To identify suitable crops for micro green cultivation (e.g., radish, mustard, sunflower, pea shoots).
- ❖ To train learners in various cultivation methods (soil-based and hydroponic systems).
- ❖ To understand seed selection, sowing, watering, and lighting requirement
- ❖ To learn optimal conditions such as temperature, humidity, and light for healthy growth.
- ❖ To teach proper harvesting techniques for maximum yield and quality.
- ❖ To understand cleaning, packaging, and storage methods.
- ❖ To develop skills for starting a small business in micro green production.
- ❖ To understand cost analysis, pricing, and profit estimation.
- ❖ To explore marketing channels such as local markets, restaurants, and online platforms.
- ❖ To promote organic and sustainable cultivation techniques.
- ❖ To promote Hands-on Training
- ❖ To provide practical exposure through demonstrations and small projects.

Details Of Resource Person:

Sl.No	Name Of The Resource Person	Designation	Organization	Topic Delivered
1	S. Siva Dharma Teja	Micro Green Director	COWE	MICRO-GREEN CULTIVATION

Beneficiary Details :

No. of Students : 30

No. of Faculty : 3

No. of Non-Teaching Staff : 1

No. of External Participants : 2

Total Participants : 36

Gender Wise Participant

Male : 14

Female : 22

Programme Description :

Day 1: Introduction & Basics

- Overview of microgreens: definition, importance, and market demand
- Nutritional benefits and comparison with mature plants
- Types of microgreens (leafy greens, herbs, grains, etc.)
- Introduction to required materials: trays, growing medium, seeds
- Basic hygiene and workspace preparation

Progress: Participants gained foundational knowledge and understood the scope of microgreens cultivation.

Day 2: Seeds & Growing Medium

- Selection of quality seeds and sourcing
- Types of growing media (soil, coco peat, hydroponic mats)
- Preparation of growing trays and media filling techniques
- Seed soaking (if required) and sowing methods
- Watering techniques and initial care

Progress: Participants practiced sowing techniques and learned proper setup methods.

Day 3: Germination & Growth Management

- Conditions required for germination (light, temperature, humidity)
- Blackout period and its importance
- Water management and drainage
- Identifying healthy vs unhealthy growth
- Introduction to organic inputs and pest prevention

Progress: Participants understood growth stages and how to maintain optimal conditions.

Day 4: Harvesting & Post-Harvest Handling

- Identifying the right stage for harvesting
- Proper cutting techniques to avoid damage
- Cleaning and packaging methods
- Storage conditions to maintain freshness
- Yield estimation and quality parameters

Progress: Participants performed harvesting and learned post-harvest management.

Day 5: Marketing & Business Opportunities

- Cost estimation and small-scale setup planning
- Pricing strategies and profit calculation
- Packaging and branding basics
- Marketing channels: local markets, online sales, restaurants
- Discussion on scaling up and entrepreneurship opportunities

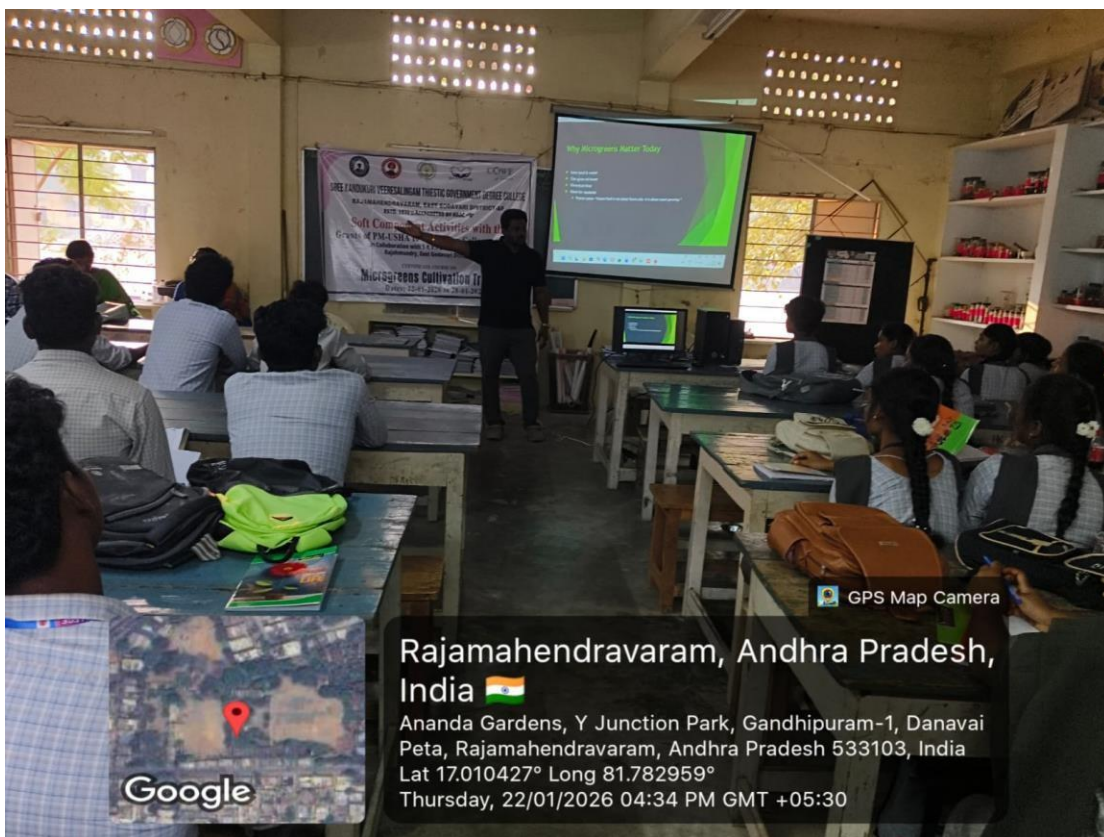
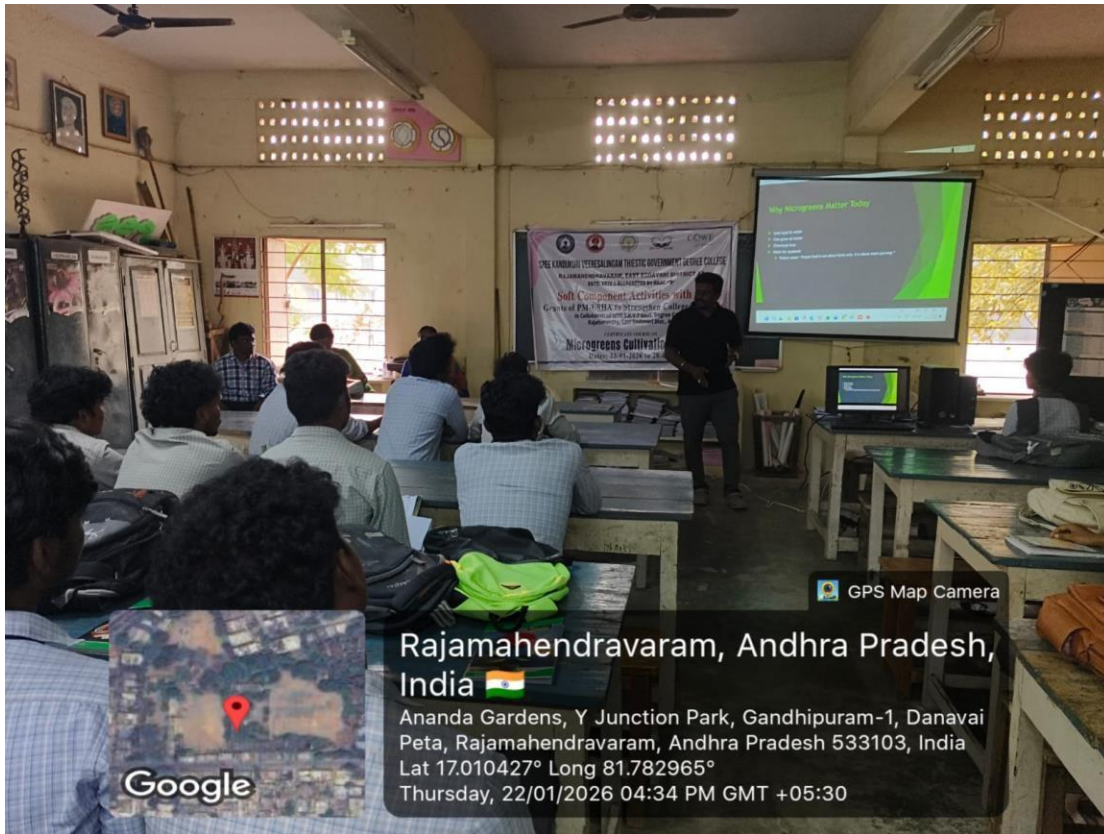
Progress: Participants gained insights into commercial aspects and business planning.

PHOTOGRAPHIC EVIDENCE

Day 1



Day 2



Day 3



Day 4





Day 5





SREE KANDUKURI VEERESALINGAM THIESTIC GOVERNMENT DEGREE COLLAGE

RAJAMAHENDRAVARAM, EAST GODAVARI DISTRICT - AP

ESTD. 1972 :: ACCREDITED BY NAAC - 'B'

AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY

Phone: 0883-2461730 Email: skvtgdcryj@gamil.com Website: www.skvtgdcryj.ac.in

COWE (Conferderation of Women Enterpreneurs of India) Certificate of Completion

This is to Certify that Mr./Ms. B. Harshitha
of B.Sc. Botany Honours Programme has successfully completed the Certificate Course on "Micro Green" a Soft Component Activity with the grant of PM-USA under to Strengthen Collage - Scheme, of S.K.V.T Government Degree Collage, Rajahmundry, East Godavari District, AP., Organized by the Women Empowerment Cell from 22-01-2026 to 28-01-2026 at S.K.V.T Govt. Degree Collage, Rajahmundry, E.G.Dt., AP for the Academic Year 2025-2026

K. Vijaya Lakshmi
Secretary
COWE AP Chapter



Principals
SKVT Government Degree Collage
Rajamahendravaram-533 103

Media/ publicity

News paper coverage



మైక్రో గ్రీన్స్ పెంపకంపై శిక్షణా కార్యక్రమం

రాజమహేంద్రవరం, ఆంధ్రప్రభ : స్థానిక ఎస్ కే వి డి ప్రభుత్వ డిగ్రీ కళాశాలలో ఉద్యోగ, ఉపాధి శిక్షణ నైపుణ్యాలను అందించడంలో భాగంగా బోటనీ డిపార్ట్మెంట్ ఆధ్వర్యంలో గురువారం ప్రత్యేక కార్యక్రమం నిర్వహించారు. కాన్వెడరేషన్ ఆఫ్ ఉమెన్ ఎన్ఫోర్స్మెంట్ ఏపీ చాఫర్ సౌజన్యంతో మైక్రో గ్రీన్స్ ఫార్మింగ్పై ఈ శిక్షణను ప్రారంభించినట్లు ప్రెస్ నోట్ ద్వారా బి. వి తిరుపణ్ణం తెలిపారు. ఐదు రోజులు పాటు జరిగే ఈ శిక్షణలో ఆరోగ్యకరమైన మైక్రో గ్రీన్స్ రాడిష్ తదితర వాటిని తయారు చేయడం, మార్కెటింగ్ ఆదాయం సంపాదించడం.. తర్వాత దాన్ని స్టార్ట్ అప్ గా మలిచి విద్యార్థులకు స్వయం ఉపాధి కలిగించేలా చేయడమే దీని లక్ష్యమని వివరించారు. శిక్షకుడు తేజ మాట్లాడుతూ ఐదు రోజుల్లో క్వాలిటీ మైక్రో గ్రీన్స్ తయారు చేసేలా శిక్షణ అందిస్తామని చెప్పారు. ఈ కార్యక్రమంలో పీఎం ఉష కోఆర్డినేటర్ బి శరత్



బాబు, విజయలక్ష్మి, సుశీల, వైస్ ప్రెస్ నోట్ వై. స్వర్ణ శ్రీ బోటనీ హెడ్ ఆఫ్ డిపార్ట్మెంట్ బి.మల్లేశ్వరరావు లిఖిత ఉమా రూస్నీ తదితరులు పాల్గొన్నారు.

SUGGESTIONS

The duration of the training can be extended to 7–10 days for deeper practical exposure.
More hands-on sessions should be included instead of theory classes.
Provide individual kits (seeds, trays, soil) for each student to practice independently.
Include field visits to commercial microgreen farms or nurseries.
Provide video demonstrations and recorded sessions for revision.
Conduct interactive sessions like quizzes, group discussions, and problem-solving activities.
Include topics on marketing, packaging, and business opportunities

Recommendations

Start a Microgreen Club or Student Startup Group in the college.
Encourage students to take up small-scale entrepreneurship in microgreen production.
Provide continuous mentorship even after completion of the course.
Arrange internships or exposure programs with local growers.
Introduce microgreen cultivation as part of curriculum or skill courses.

Suggestions for Improving Future Programs

Increase Duration of the Course

Extend the program from 5 days to 7–10 days to allow better practical exposure and understanding.

More Hands-on Training

Allocate more time for practical sessions such as seed sowing, watering, harvesting, and packaging.

Provide Individual Training Kits

Supply each participant with a microgreen kit (trays, seeds, growing medium) for better learning experience.

Include Advanced Topics

Add sessions on:

Nutritional value of microgreens

Pest and disease management

Hydroponic microgreen cultivation

Introduce Marketing & Entrepreneurship Skills

Include training on branding, packaging, pricing, and selling microgreens.

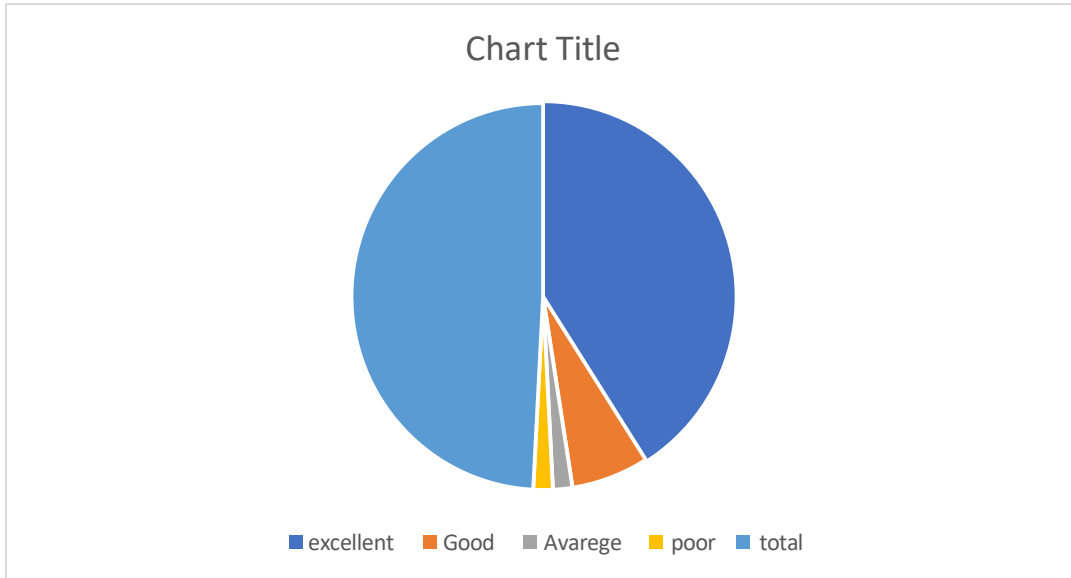
Organize Field Visits

Arrange visits to nurseries, farms, or startups to give real-world exposure.

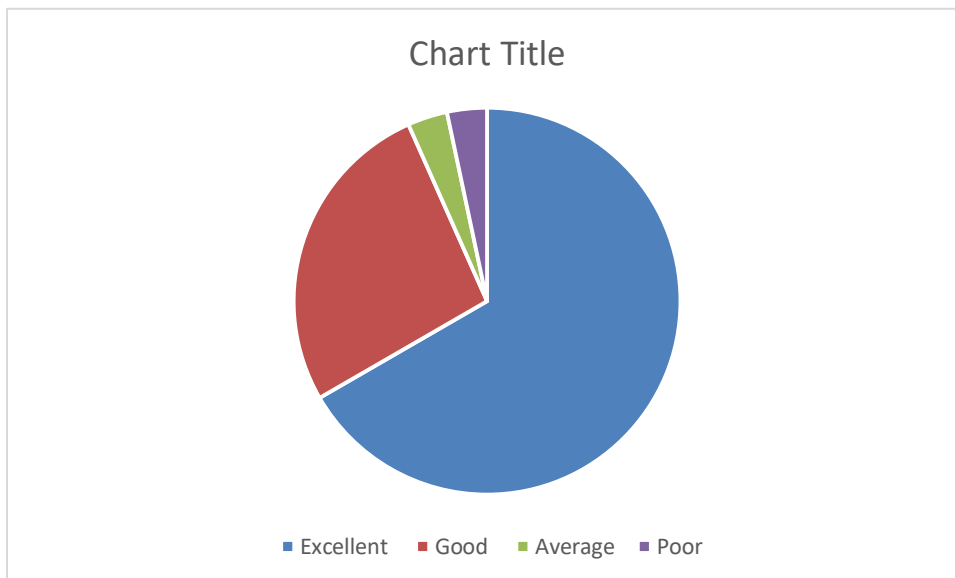
Overall satisfaction level: Satisfactory

Excellent / Very good / Good/**Satisfactory**

How much did the skill training Programme with certificate enhance your knowledge or research perspective?



Overall satisfaction level on A Five-Day Micro Green Cultivatoin: skill training Programme with certificate



Overall satisfaction level on A Five-Day Micro Green Cultivatoin: skill training Programme with certificate

Chart Title

