



MVS GOVERNMENT ARTS AND SCIENCE COLLEGE (A)
CHRISTIANPALLY, MAHABUBNAGAR- 509001.
(AFFILIATED TO PALAMURU UNIVERSITY)
RE-ACCREDITED BY NAAC- B** (CGPA - 2.78)

Incubation Center

'The following departments have started activities under the incubation centre.'

Department of Botany:

Department of Botany focusing on theme: 'Growing Green: Advancing Leafy Vegetable Cultivation through Innovation and Sustainability' to cultivate leafy vegetables in the department's garden

Department of Commerce:

'The Department of Commerce focuses on entrepreneurial development under the theme 'How to Become a Successful Entrepreneur.''

Department of Computer Science:

The Department of Computer Science Department focused on the theme 'How to Overcome Cybercrimes: Preventive Measures with Special Reference to Farmers, Street Vendors, and Retired Employees.'

Department of Microbiology and Biotechnology:

Department of Microbiology and Biotechnology laboratories, focused on the theme 'Innovating Sustainable Agriculture: Empowering through Biofertilizer Production and Panchagavya Preparation for Green Growth.'

'The departments have started an incubation centre with the following objectives:'

- 1) 'Promote hands-on horticulture, eco-practices, fresh produce, responsibility, and innovation.'
- 2) 'Foster entrepreneurship, innovation, mentorship, collaboration, skills, knowledge, and business success.'
- 3) 'Promote cybercrime awareness, safety, secure transactions, education, and digital responsibility.'
- 4) 'Advance sustainable agriculture, biofertilizers, Panchagavya, soil health, and green growth.'


PRINCIPAL

MVS Government Arts & Science College (A)
Mahabubnagar-509 001

Date: 04-09-2023.

From

Dr. K. Hari Prasad,
HOD, Department of Botany,
MVS Government Arts & science College (A),
Mahabubnagar.

To

The Principal
MVS Government Arts & science College (A),
Mahabubnagar.

Madam,

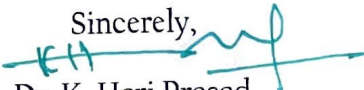
Subject: Department of botany- Permission for Establishing an Incubation Center for
Leafy Vegetable Cultivation – req. regd.

As mentioned in the above cited, I am writing to seek your kind permission to establish an incubation center in the Department of Botany focusing on theme: "Growing Green: Advancing Leafy Vegetable Cultivation through Innovation and Sustainability" to cultivate leafy vegetables in the department's garden. This initiative aims to promote practical learning, sustainability, and research among students while utilizing the available garden space effectively.

The center will serve as a hands-on platform for students to explore advanced horticultural techniques and contribute to eco-friendly practices. It will also provide an opportunity to grow fresh produce, fostering a sense of responsibility and innovation.

I kindly request your approval to proceed with this project. Your support will be invaluable in promoting this educational endeavor.

Thank you for your consideration.

Sincerely,

Dr. K. Hari Prasad,

HOD, Department of Botany,
MVS Government Arts & science College (A),
Mahabubnagar.

**MVS GOVERNMENT ARTS AND SCIENCE COLLEGE (Autonomous),
MAHABUBNAGAR**



Department of Botany



Activities under Incubation Centre

Meeting Agenda: Discussing the Objectives and Implementation of the Incubation Centre
Theme: "Growing Green: Advancing Leafy Vegetable Cultivation through Innovation and Sustainability"

Date: 04.09.2023.

Place: Department of Botany.

Agenda

1. **Welcome and Opening Remarks**
 - Overview of the initiative's theme and goals.
2. **Presentation of Objectives**
 - Detailed explanation of the four key objectives:
 1. Promoting practical learning and skill development.
 2. Fostering sustainability and eco-friendly practices.
 3. Enhancing research and innovation.
 4. Cultivating a community of responsibility and collaboration.
3. **Discussion on Implementation Strategies**
 - Utilizing the department's garden space effectively.
 - Proposed horticultural techniques, like organic farming, etc.
 - Integrating research components and student involvement.
4. **Identifying Resources and Requirements**
 - Budget allocation and funding opportunities.
 - Necessary equipment, tools, and supplies.
 - Expertise and external partnerships, if any.

5. **Roles and Responsibilities**
 - Assigning coordinators for each objective.
 - Forming student and staff committees for project management.
6. **Timeline and Milestones**
 - Setting up the initial infrastructure.
 - Establishing short-term and long-term goals.
 - Planning key milestones for evaluation.
7. **Action Plan and Next Steps**
 - Finalizing the action plan for launching the incubation centre.
 - Scheduling the next meeting for progress updates.

Objectives for the Incubation Centre of Botany:

1. **Promote Practical Learning and Skill Development**

Facilitate hands-on training in advanced horticultural techniques, including organic farming, and integrated pest management, to equip students with practical skills and real-world experience in leafy vegetable cultivation.
2. **Foster Sustainability and Eco-Friendly Practices**

Implement and research sustainable agricultural methods, such as water-efficient irrigation systems and organic nutrient solutions, to minimize the ecological footprint and encourage responsible resource management.
3. **Enhance Research and Innovation**

Encourage research on improving leafy vegetable yield, quality, and resilience through innovative practices like biofortification, climate-resilient cultivation, and controlled environment agriculture.
4. **Cultivate a Community of Responsibility and Collaboration**

Create an engaging platform for students, faculty, and local stakeholders to collaborate on growing fresh, high-quality leafy vegetables, promoting teamwork, innovation, and a deeper connection to sustainable food systems.

**MVS GOVERNMENT ARTS AND SCIENCE COLLEGE (Autonomous),
MAHABUBNAGAR**



Department of Botany
Activities under Incubation Centre



Meeting among the staff members and approaching the students explaining about vegetable cultivation in the garden

Cleaning the garden and preparing plots for the incubation centre will be undertaken with the active participation of the EcoClub. The activity aims to instill a sense of environmental responsibility while ensuring the garden space is clean and organized for cultivating leafy vegetables. Members of the EcoClub, along with students and staff, will remove weeds, clear debris, and level the soil to create well-defined plots for planting. Sustainable waste management practices, such as composting organic matter, will be emphasized. This collaborative effort not only prepares the garden for the initiative but also promotes teamwork and awareness of eco-friendly practices.



Cleaning the garden with the help of Ecoclub. Preparation of the plots.


In-charge


PRINCIPAL
MVS Government Arts & Science College (A)
Mahabubnagar-509 001

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MAHABUBNAGAR**



Department of Botany
Activities under Incubation Centre



Fieldwork with students will serve as an integral part of the incubation centre, providing hands-on experience in leafy vegetable cultivation while fostering a deeper understanding of sustainable horticultural practices. Students actively participated in all stages of cultivation, including soil preparation, planting, watering, and harvesting. Emphasis was placed on disease management, where students learned to identify common pests and diseases affecting leafy vegetables, such as powdery mildew, aphids, and downy mildew. Integrated Pest Management (IPM) techniques, including the use of organic pesticides, crop rotation, and companion planting, were demonstrated. Students also monitored plant health through regular inspections and maintained records of growth patterns and interventions. This immersive approach not only enhanced practical learning but also encourage innovative problem-solving, teamwork, and a sense of responsibility. Additionally, students were involved in applying eco-friendly solutions to reduce chemical dependency and ensure high-quality, healthy produce.



Field work with the students

KHMF

In-charge

Belum
PRINCIPAL

MVS Government Arts & Science College (A)
Mahabubnagar-509 001

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MAHABUBNAGAR**



Department of Botany
Activities under Incubation Centre



Hands-on training was a cornerstone of the incubation centre, offering students invaluable practical experience in every aspect of leafy vegetable cultivation. The training sessions began with foundational knowledge, including soil preparation techniques, seed selection, and proper planting methods to ensure optimal germination and growth. Students gained expertise in modern horticultural practices such as hydroponics, organic farming, and the use of drip irrigation systems for water efficiency.

A significant focus was on sustainable techniques, where participants learned to prepare organic compost and bio-fertilizers to enrich the soil naturally. Pest and disease management formed an essential component, teaching students to identify, monitor, and address challenges like aphids or fungal infections through Integrated Pest Management (IPM). This included hands-on use of organic sprays, crop rotation practices, and biological controls.

Training also covered crop monitoring, data recording, and analysis to track plant health and yield. Post-harvest handling, including washing, packaging, and storage techniques, prepared students for real-world agricultural demands.



Hands on train


In-charge


PRINCIPAL
MVS Government Arts & Science College (A)
Mahabubnagar-509 001

**MVS GOVERNMENT ARTS AND SCIENCE COLLEGE (Autonomous),
MAHABUBNAGAR**



Department of Botany
Activities under Incubation Centre



By engaging directly with these processes, students not only acquired technical skills but also developed critical thinking, problem-solving abilities, and an appreciation for sustainable agriculture. This immersive learning experience empowered them to contribute meaningfully to innovative and eco-friendly farming practices.

Harvesting techniques for leafy vegetables emphasized precision and sustainability. Students learned the optimal time for harvesting to ensure peak nutritional value and quality. Techniques included hand-picking mature leaves or using sharp, sanitized tools to minimize plant damage and promote regrowth. For cut-and-come-again crops like spinach or lettuce, students practiced selective harvesting to extend the growing season. Proper handling of harvested leaves, including gentle collection and immediate transfer to cool, shaded areas, prevented wilting and preserved freshness. Training included sorting, cleaning, and packaging techniques to maintain hygiene and market readiness, ensuring minimal post-harvest losses.



Staff and students with cultivated leafy vegetables


In-charge


PRINCIPAL
MVS Government Arts & Science College (A)
Mahabubnagar-509 001

**MVS GOVERNMENT ARTS AND SCIENCE COLLEGE (Autonomous),
MAHABUBNAGAR**



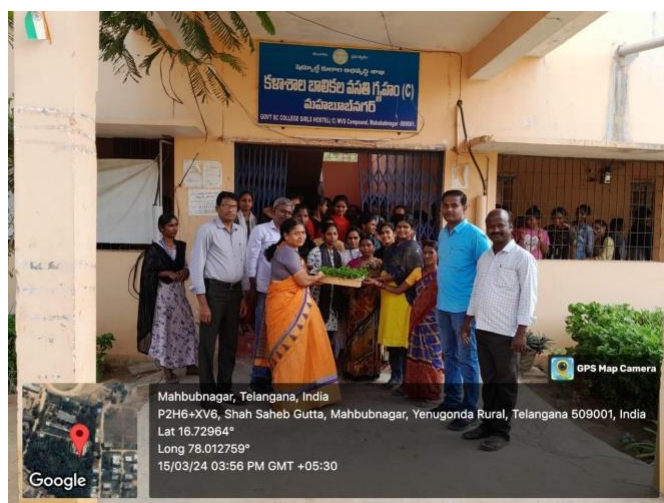
Department of Botany
Activities under Incubation Centre



A generous donation of fresh leafy vegetables was made to the college girls' hostel, fostering a spirit of community and support. The honorable principal, along with departmental staff, took the initiative to organize this thoughtful contribution, recognizing the importance of providing nutritious food options to the hostel residents. The hostel warden and girl students actively participated in the process, ensuring the smooth distribution of the vegetables.

The event highlighted the significance of teamwork and mutual care within the institution. The principal commended the departmental staff for their efforts in sourcing high-quality produce and ensuring its timely delivery. The warden expressed gratitude on behalf of the hostel, emphasizing how such donations not only enhance the nutritional value of meals but also strengthen the bond between the college administration and students.

The students enthusiastically engaged in receiving and storing the vegetables, appreciating the gesture as a reflection of the institution's commitment to their well-being. The donated leafy greens, including spinach, kale, and lettuce, will contribute to healthy and balanced meals for the students. This initiative serves as a testament to the college's dedication to promoting holistic development, highlighting the importance of nutritious food in supporting academic success and overall health.



Donating leafy vegetables to the college girls hostel

K. Ravi

In-charge

B. Srinivas
PRINCIPAL

MVS Government Arts & Science College (A)
Mahabubnagar-509 001

Date: 04-09-2023.

From

Lt. Dr. M. Vijay Kumar,
HOD, Department of commerce,
MVS Government Arts & science College (A),
Mahabubnagar.

To

The Principal
MVS Government Arts & science College (A),
Mahabubnagar.

Madam,

Subject: Permission to Establish an Innovation Center for Entrepreneurial
Development- req. regd.

As mentioned in the above cited, I am writing to seek your kind permission to establish an Innovation Center in the Commerce Department, focusing on entrepreneurial development under the theme 'How to Become a Successful Entrepreneur.'

The proposed center will provide a dedicated space for students to explore innovative business ideas, receive mentorship, and develop entrepreneurial skills. Through workshops, expert talks, and collaborative projects, students will gain practical knowledge and insights to transform their ideas into successful ventures.

This initiative aims to nurture creativity, problem-solving abilities, and leadership qualities among students, empowering them to contribute to economic growth and societal progress.

I kindly request your approval to proceed with this project, which promises to be a significant step toward fostering entrepreneurship.

Thank you for your support and consideration.

Sincerely,


Lt. Dr. M. Vijay Kumar,
HOD, Department of commerce,
MVS Government Arts & science College (A),
Mahabubnagar.

MEETING

83

07-02-2024

A meeting has been conducted in the Department of Commerce & Management today i.e. on 07-02-2024 under the chairmanship of Sri. B. Eswaraiyah, Head, Dept. of Commerce & Mgt and discussed and resolved the following.

1. To Complete the syllabus of II, IV and VI semester as per Almanac.
2. To analyze the result of I, III and V semester of Dec. 2023.
3. To Conduct I Internal Assessment Examination
4. To Conduct field trip to III year students.
5. To Conduct a Special camp under NSS Unit of Commerce Dept.
6. To Conduct I year Admissions Campaign for DOST Admissions 2024-25 in Junior colleges.
7. To record the achievements of faculty and students.
8. To take up participation of seminars, conferences.
9. To conduct extension lectures and activities under ED cell to get

awareness on startups and MSMEs in the dept. of Commerce & mgt.

10. To provide a Question Bank to the students for preparation in the upcoming examinations.

11. To conduct PG entrance coaching to III year students for PG entrance examinations in various universities.

12. To conduct the AECC (Basic Computer skills) classes by the concerned faculty. Also, conduct of SEC 1 & 2 classes.

13. To conduct one program under Entrepreneurship Development cell in the college.

14. To guide the students in completing the project work in time.

1. Dr. Md. Suleman - *Md. Suleman*

2. R. Nagaraja Chary - *R. Nagaraja Chary*

3. Mohd. Arif - *Mohd. Arif*

4. Ruksana Begum - *Ruksana Begum*

5. Saritha - *Saritha*

6. Leshma Begum - *Leshma Begum*

7. AFROZ JABEEN - *AFROZ JABEEN*

[Signature]
HEAD

HOW TO BECOME A SUCCESSFUL ENTREPRENEUR ²³

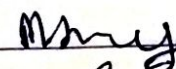
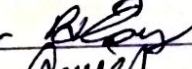
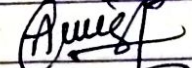
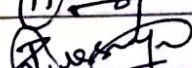
13-02-2024.

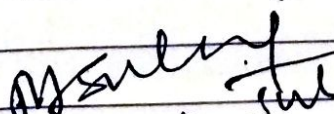
MVS ED-CELL

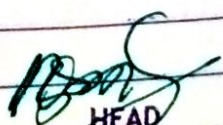
Sensitization Program on How to become a Successful Entrepreneur

The Entrepreneurship Development cell of MVS Govt. Arts & Science College (A), Mahabubnagar has organized a sensitization program on "How to become a Successful Entrepreneur" to create awareness among students of B.Com(CA) & BBA III year on 13-02-2024.

Sri. M Anantha Reddy, Managing director of MNR Cottons Limited, an export company in the field of cottons & yarn addressed the students with zeal to motivate them to become successful entrepreneurs and provided tips on various aspects of entrepreneurial decisions.

1. Dr. M.D. Suleman - 
2. R. Nagaraja chary - 
3. Mohd. Anif - 
4. Rukmana Begum - 
5. K. Lavanya.


Dr. M.D. Suleman
ED-CELL Convenor


HEAD
Department of Commerce
MVS Govt. Arts & Science College (A)
Mahabubnagar, Telangana.

S.NO	H.T NO	Name of the student	Signature
1.	210330254361009	J. Harshabardhan Rao	J. Harsha
2.	210330254051237	Pavan Kumar	Pavan Kumar
3.	210330256841018	K. Ramya	Ram
4.	210330256841003	B. NIKITHA	Nikitha
5.	210330254051183	M. Pavan Kumar	P. P.
6.	2103302540511043	Chandrabal	Chandrabal
7.	210330254051193	MD. Sajjil	Sajjil
8.	210330254341021	Sohail Parho	Sohail
9.	210330254051191	MD. Khaja	Khaja
10.	210330254051283	S. Sai Teja	S. Sai Teja
11.	2303-3025-405-1209	MD. Sohail	Mohamud
12.	2303-3025-405-1217	MD. Mohimood	Mohimood
13.	2303-3025-405-1224	Mohammed Yaseen	Mohammed Yaseen
14.	2303-3025-405-1232	M. Jany Kumar Choud	Jany
15.	2303-3025-405-1225	Mohd Awaiz Shaikh	Shaikh
16.	2303-3025-405-1235	M. Tagore	M. Tagore
17.	2303-3025-405-1233	M. Prashanth	M. Prashanth
18.	2303-3025-405-1226	MOHD. IDREES	idrees
19.	2303-3025-405-1236	H. Thimmappa	thimmappa
20.	2303-3025-405-1228	Mohd Nawaz	Nawaz
21.	2303-3025-405-1237	M. Mounika	M. Mounika
22.	2303-3025-405-1238	M. Rakesh	M. Rakesh
23.	2303-3025-405-1230	Mohd Tariq	Tariq
24.	2303-3025-405-1210	M. Vamshi	M. Vamshi
25.	2303-3025-405-1218	MOHD. ARBAZ	Arbaz
26.	2303-3025-405-1212	M. Shiva Kumar	M. Shiva
27.	2303-3025-405-1220	Mohammed Saif	Saif
28.	2303-3025-405-1213	M. Abinay	Abinay



M. S. Suleman
Dr. M.D. Suleman
ED cell - Convenor

M. S. Suleman
HEAD
Department of Commerce
MVS Govt. Arts & Science College (A),
Mahabubnagar, Telangana.

Date: 19-09-2023.

From

HODs, Departments of Microbiology and Biotechnology,
MVS Government Arts & science College (A),
Mahabubnagar.

To

The Principal
MVS Government Arts & science College (A),
Mahabubnagar.

Madam,

Subject: Departments of Microbiology and Biotechnology - Permission for Establishing Incubation Center on "Innovating Sustainable Agriculture: Empowering Through Biofertilizer Production and Panchagavya Preparation for Green Growth" - req. regd.

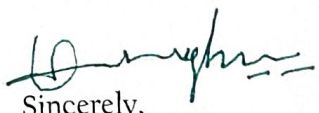
As mentioned in the above cited, I am writing to seek your kind permission to establish an incubation center in the Department of Microbiology and Biotechnology laboratories, focused on the theme "Innovating Sustainable Agriculture: Empowering Through Biofertilizer Production and Panchagavya Preparation for Green Growth."

The center aims to explore and innovate sustainable agricultural practices by leveraging microbial technology and biotechnology tools. It will focus on producing eco-friendly biofertilizers and promoting Panchagavya preparation techniques to enhance soil fertility and crop productivity. This initiative will also serve as a platform for students to gain hands-on experience and contribute to green growth and sustainability.

Your approval for this initiative will play a pivotal role in fostering research, innovation, and eco-conscious practices within the department.

Thank you for your consideration.


PRINCIPAL
MVS Govt. Arts & Science
Degree & P.G. College (A)
Christian Pally, Mahabubnagar.


Sincerely,
INCHARGE
HODs,
Department of Biotechnology
Departments of Microbiology and Biotechnology,
MVS Government Arts & science College (A),
Mahabubnagar.

Date: 19-09-2023,

From

HODs, Departments of Microbiology and Biotechnology,
MVS Government Arts & science College (A),
Mahabubnagar.

To

The Principal
MVS Government Arts & science College (A),
Mahabubnagar.

Madam,

Subject: Departments of Microbiology and Biotechnology - Permission for Establishing Incubation Center on "Innovating Sustainable Agriculture: Empowering Through Biofertilizer Production and Panchagavya Preparation for Green Growth" - req. regd.

As mentioned in the above cited, I am writing to seek your kind permission to establish an incubation center in the Department of Microbiology and Biotechnology laboratories, focused on the theme "Innovating Sustainable Agriculture: Empowering Through Biofertilizer Production and Panchagavya Preparation for Green Growth."

The center aims to explore and innovate sustainable agricultural practices by leveraging microbial technology and biotechnology tools. It will focus on producing eco-friendly biofertilizers and promoting Panchagavya preparation techniques to enhance soil fertility and crop productivity. This initiative will also serve as a platform for students to gain hands-on experience and contribute to green growth and sustainability.

Your approval for this initiative will play a pivotal role in fostering research, innovation, and eco-conscious practices within the department.

Thank you for your consideration.



Sincerely,
INCHARGE

Dept. of Microbiology

HODs,

MVS Govt. Degree College,
Departments of Microbiology and Biotechnology,
MVS Government Arts & science College (A),
Mahabubnagar.

Academic YEAR 2023-2024
Department of Biotechnology
Innovation & Incubation cell

Date: 16/11/2023

Concept :-

"Empowering through biofertilizer production & panchagavya a preparation for green growth"

Mission & Vision :-

Vision :-

- * Incubation centre is a space for new age entrepreneurs & young minds to transform their innovative ideas into viable business propositions.
- * The primary vision is to facilitate a platform for a budding entrepreneur to start a business venture with minimum risk.
- * panchagavya is known to boost immunity & promote plant growth.
- * Cow dung & cow urine are key ingredients of the preparation. In addition to this milk, ghee, curd banana can also be used.

Mission :-

The mission of Incubation centre is to nurture & empower the next generation entrepreneurs to serve the local problem, & to startup small scale business.

Resolution :- To startup this cell we have taken a Resolution in the staff meeting minutes in the presence of principal madam.
→ We have submitted a letter to principal madam of the approval after its approval we started work upon it.

A/c 2023-2024.
Incubation & Innovation centre in Microbiology
Department

Department of Microbiology. Date 16/11/2023.

Concept:-

"Empowering through Biotechnology Production & Panchagavya a preparation for green growth."

Mission & vision :-

Mission :-

The mission of incubation centre is to nurture & empower the next generation entrepreneurs to serve the local problems & to startup small scale business.

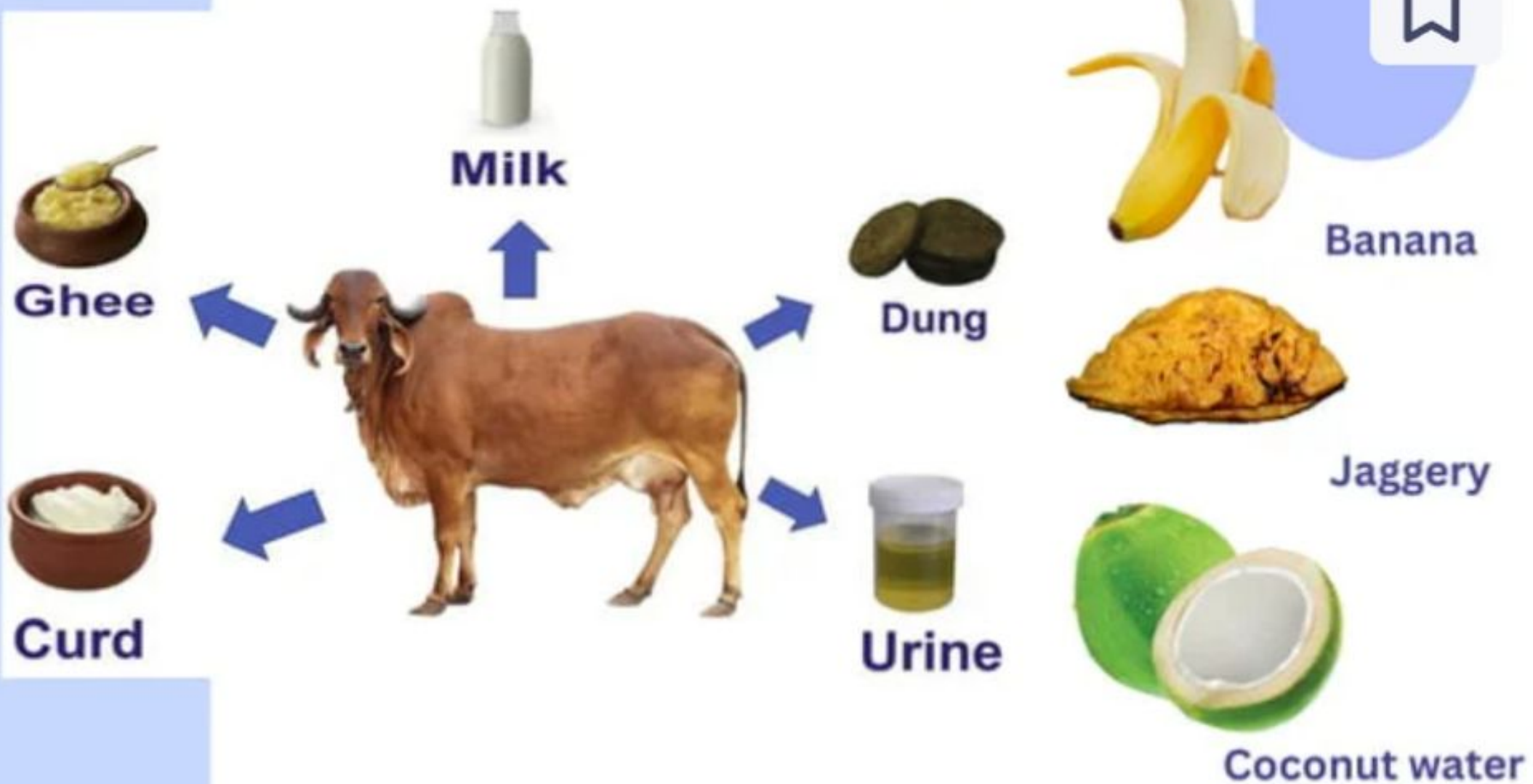
Vision :-

- * Incubation centre is a space for new age entrepreneurs & young minds, to transform their innovative idea into viable business propositions.
- * The primary vision is to facilitate a platform for a budding entrepreneur to start a business venture with minimum risk.
- * Panchagavya is known to boost immunity & promote plant growth.
- * Cow dung & cow urine are key ingredients in the preparation. In addition to this milk, ghee, curd banana can also be used.

Resolution:-

- To start up this cell we have taken a Resolution in the staff meeting conducted by principal madam.
- We have submitted a letter to principal madam for the approval. After it approved we started work upon it.

INGREDIENTS



PROPERTIES



PARAMETERS	CONTENT
Nitrogen	1.4 %
Phosphorous	0.08%
Potassium	0.5%
Organic C	14%
pH	5.6
EC	4.6







DEPARTMENT OF BIOTECHNOLOGY

Chromosomal aberrations
Structural
Numerical



GPS Map Camera

Mahbubnagar, Telangana, India

P2H6+XV6, Shah Saheb Gutta, Mahbubnagar, Yenugonda Rural, Telangana 509001, India

Lat 16.73004°

Long 78.012569°

11/09/24 02:00 PM GMT +05:30

Google

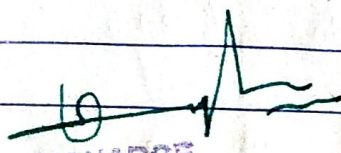


CASE STUDY conducted Experiment on Rose plant & Hibiscus

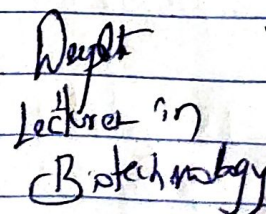
S.No	Parameters	panchagarya Ammended Soil	control
1)	height of the plant (cm) for Rose plant	128	110
2)	height of the plant (cm) for Hibiscus	140	120
3)	No. of flowers 20 days after application of panchagarya on Rose	10	2
4)	No. of flowers 20 days after application of panchagarya on Hibiscus	9	5

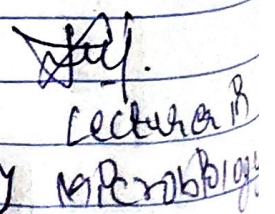

INCHARGE

Dept. of Microbiology
MVS Govt. Degree College
Mahabubnagar


INCHARGE

Dept. of Biotechnology
MVS Govt. Degree College (A)
Mahabubnagar-509 001


Lecturer in
Biotechnology


Lecturer in
Microbiology

MVS GOVT.ARTS& SCIENCE COLLEGE (A)

MAHABUBNAGAR

DEPARTMENT OF COMPUTER SCIENCE

Incubation Centre

Academic Year 2023-24

Training Program under

On

Cybercrime Prevention

For BSC- MPCS III yr on 12-10-2023



BY

Saik Husain

Lecturer in computer science

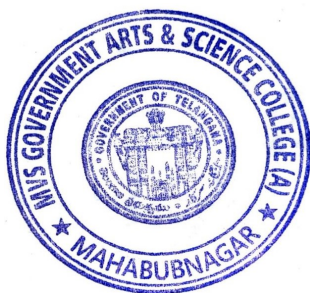
Department of ComputerScience.



**Giving awareness to Retailer Vendor by Members of Incubation center of
MVS Govt. Arts & Science College Mahabubnagar On 11-10-2023**



Giving awareness to Small-scale Vendor Ramulamma a vegetable seller by our final year Student Srikanth



Ramulamma
PRINCIPAL
MVS Government Arts & Science College (A)
Mahabubnagar-509 001