



GOVERNMENT DEGREE COLLEGE RAJAMPETA

REPORT

**One day hands on Training Programme
On
MUSH ROOM CULTIVATION
(07-02-2023)**



**DEPARTMENT OF BOTANY
2023**



Govt. Degree College, Rajampeta

Department of BOTANY

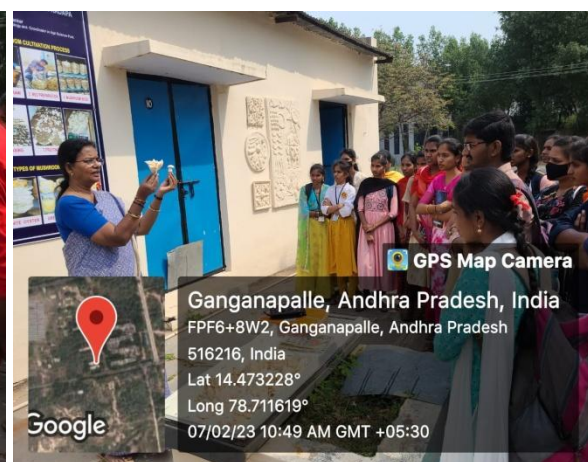
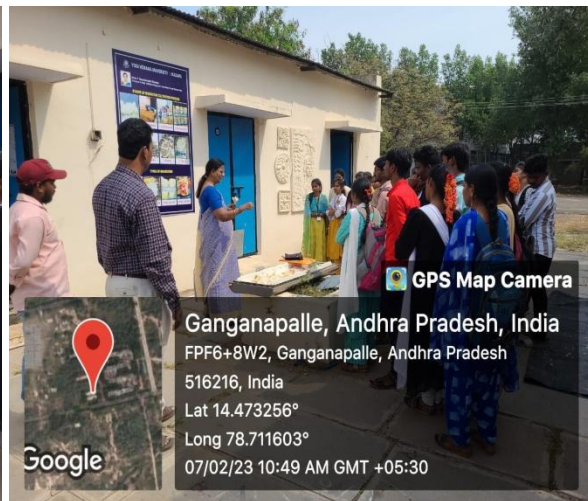
Academic year: 2022-23

1. Name of the Activity	One day training programme on Pleurotusostereatus mushroom cultivation
2. Group & Section	III BZC
3. Name of the Lecturer	Dr.B.Adinarayana, B.Nagesh babu
4. Date	07-02-2023
5. Number of students participated	40
6. Number of faculty involved	01
7. Aim & Objectives:	To provide hands on training for the preparation of bed for mushroom cultivation and spawn production. Give the students exposure to the experiences of experts and functioning mushroom. Help the students to learn a means of self-employment and income generation. To develop a business plan on mushroom cultivation. To enhance techniques and skills in mushroom cultivation.
8. Brief Report :	Department of Botany GDC Rajampeta in <u>collaboration</u> with <u>Department of Biotechnology, YV University</u> held “<u>one day training programme on Pleurotusostereatus mushroom (Oyster mushroom) cultivation</u>” on YVU campus, on 07-02-2023, under the aegis of <u>professor P. Chandramati Shankar</u> and her team. At first madam <u>Chandramati Shankar</u> enlightened the students about the <u>cultivation of Oyster mushrooms</u>. Then Mr. Dileep and another member from dept. of Biotechnology, <u>trained the students</u> as to how to cultivate Oyster mushrooms, the economic importance of Oyster mushroom, the scope of mushroom cultivation and the health benefits associated with Oyster mushrooms. After that <u>our students did hands on experiment on Oyster mushroom cultivation</u>, under the supervision and guidance of the training team. In this process our students did the following hands on experiments <u>A. Preparation of straw B. Preparation of spawn C. Cropping D. Harvesting</u>. In addition to this we took our students to <u>the botanical garden</u> for a visit where they observed many rare species of plants. In this course they also <u>visited the lotus pond which is famous in YVU Botanical garden</u> and it gave them a lot of <u>pleasure and thrilling experience</u>. Thus our Botanical tour to University not only helped students to <u>learn mushroom cultivation but also to have hands on experience, besides getting a unique thrilling experience</u>. Altogether our training programme proved to be educative and successful. At the end of the training program, <u>certificates were issued</u> to the students <u>who were trained</u> in Oyster mushroom cultivation.
PHOTOS	



SIGNATURE OF THE LECTURERSIGNATURE OF THE IN CHARGE

PHOTOS

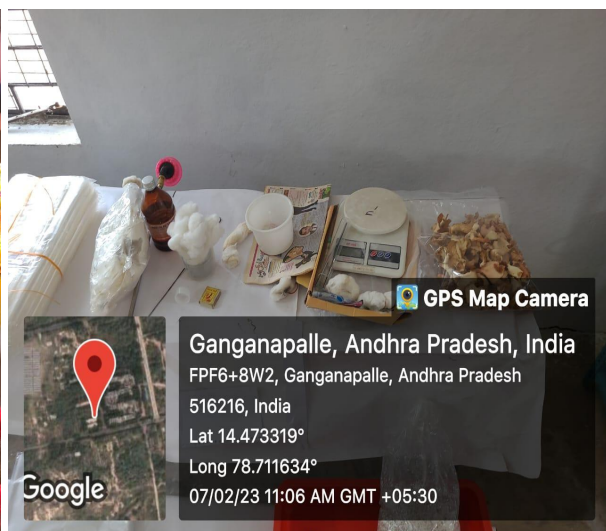


DEMONSTRATION OF MUSHROOM CULTIVATION BY PRO.P.CHANDRAMATI SHANKAR





MUSHROOM SPAWN PREPARATION METHODS EXPLAINED BY LAB ASSISTANT



DIFFERENT EQUIPMENTS USED IN MUSHROOM CULTIVATION



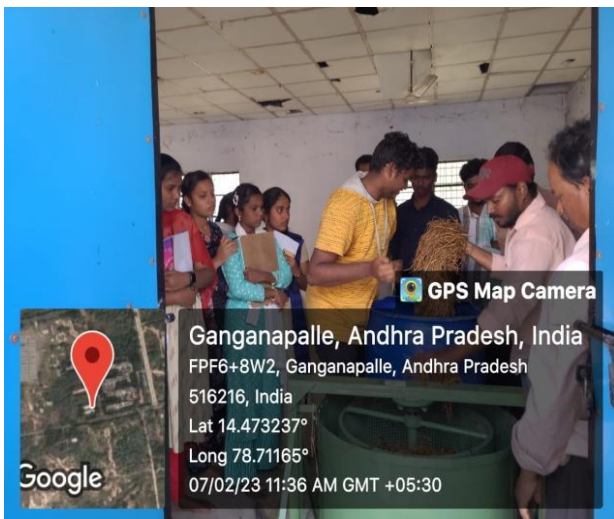


TRAINING GIVEN BY LAB ASSISTANT





RICE STRAW PREPARATION METHODS CUTTING AND DRYING



PADDY STRAW PREPARATION & DEMONSTRATION BY LAB ASSISTANT



MAKING POLYBAGS BY OUR STUDENTS-HANDS ON EXPERIMENTS



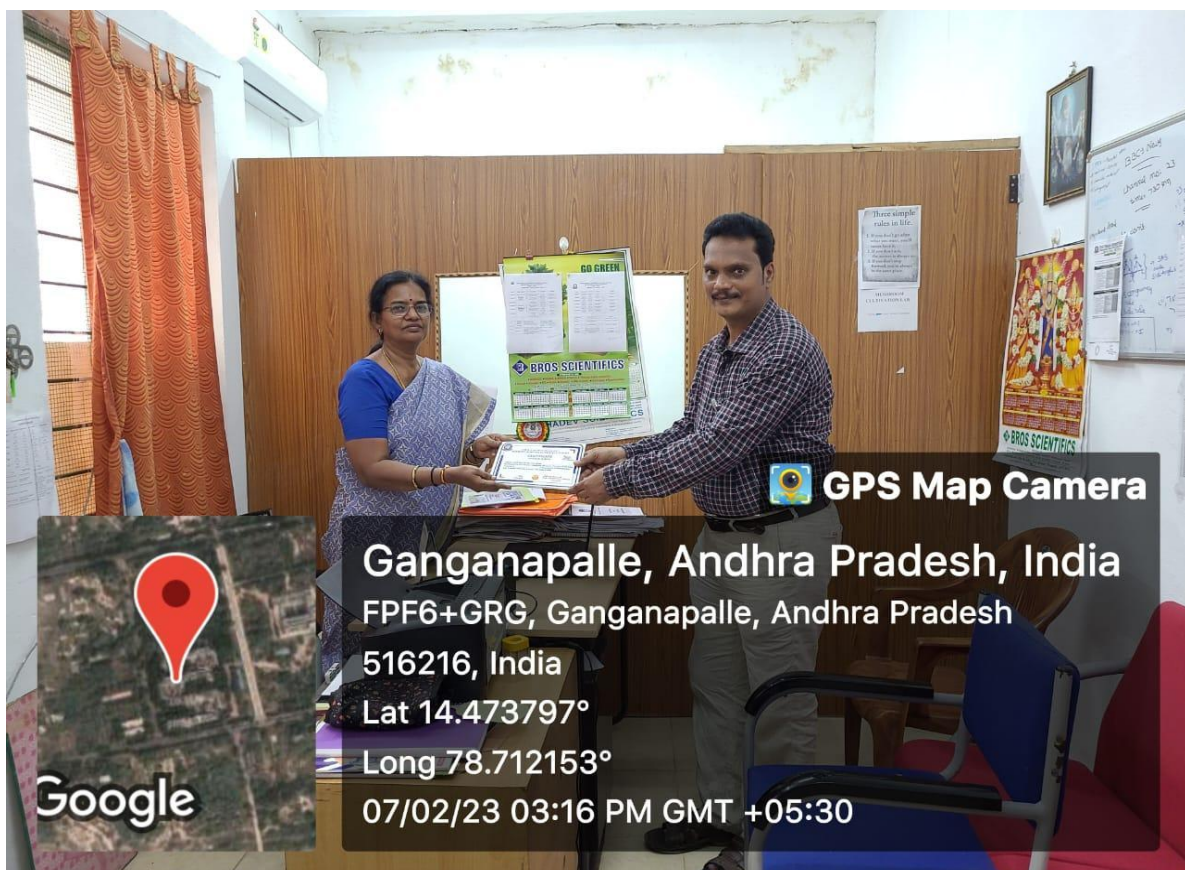


BED MAKING PROCESS EXPLAINED BY LAB ASSISTANT





MUSHROOM BEDS MAKING BY STUDENTS



CERTIFICATES ISSUED BY PROFESSOR P.CHANDRAMATI SHANKER

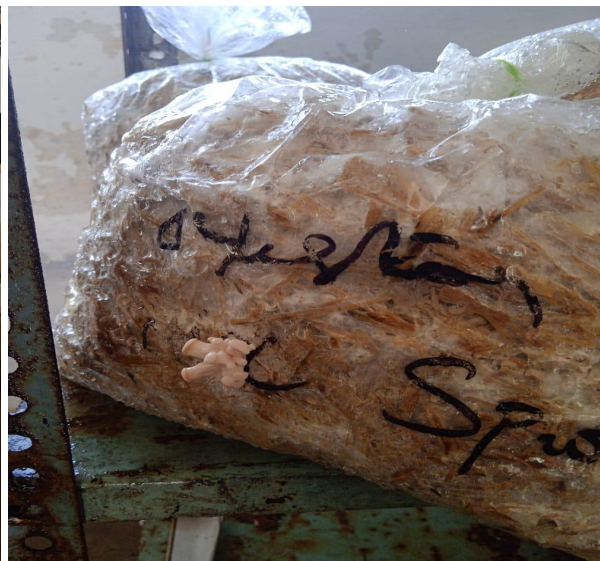




STUDENTS VISIT YVU BOTANICAL GARDEN



1 ST DAY MUSHROOM BEDS



**11 TH DAY YOUNG MUSHROOM
FRUITING FROM BEDS
OF OUR STUDENTS**



**15 TH DAY MUSHROOM FRUITING FROM
BEDSOF OUR STUDENTS**

**LIST OF STUDENTS (BOTANY) ATTENDING MUSHROOM CULTURE
AT DEPARTMENT OF BIOTECHNOLOGY LAB, YOGIVEMANA UNIVERSITY.**

S.NO	HAAL TICKET NO	Name of the student	Signature
1	206030049001	Adi sree lalitha	Adi sree Lalitha
2	206030049002	Amudala Lavanya	A. Lavanya
3	206030049005	Barigala siva	B. Siva
4	206030049006	Bathala karthikeya	B. Karthikeya
5	206030049009	Bommu Rishitha	B. Rishitha
6	206030049010	Chinthaginjala padmavathi	C. Padmavathi
7	206030049011	Chinthakunta Maneesha	C. Maneesha
8	206030049012	Danasi Pravallika	D. Pravallika
9	206030049013	Dandu Mariyamma	D. Mariyamma
10	206030049015	Danasi Harinath	D. Harinath
11	206030049016	Dasari Harika	D. Harika
12	206030049017	Degala suneetha	D. Suneetha
13	206030049018	Gogada HariPriya	G. HariPriya
14	206030049025	Kasarapu Sailaja	K. Sailaja
15	206030049026	Kasturi Yoganada	K. Yoganada
16	206030049029	Koduru VN prasad	K. V. N. Prasad
17	206030049031	Konduru Kishore	K. Kishore
18	206030049032	Konireddy pallavi	K. Pallavi
19	206030049034	Koppala syamala	K. Syamala
20	206030049036	Kottam Nagalohitha	K. Nagalohitha
21	206030049038	Kuncha Navasree	K. Navasree
22	206030049040	Lebaku Sukumar	L. Sukumar
23	206030049041	Madagalam Rupa	M. Rupa
24	206030049042	Mannem Vamsi Krishna	M. Vamsi Krishna
25	206030049043	Mynukuri Hymavathi	M. Hymavathi
26	206030049045	Pagadala Snehalatha	P. Snehalatha
27	206030049047	Patham Sameena	P. Sameena
28	206030049048	Periyavaram Tulasi	P. Tulasi
29	206030049051	Podili Haritha	P. Haritha
30	206030049053	Polisetty Chandra kala	P. Chandrakala
31	206030049056	Puchakyala Renuka devi	P. Renuka devi
32	206030049058	R V Rushyendra varma	R. Rushyendra Varma
33	206030049059	Saginala Venkata Ramana	S. Venkata Ramana
34	206030049062	Shaik Riyaz	S. Riyaz
35	206030049064	Sidda rapu Devaki	S. Devaki
36	206030049065	Siddarapu Jayasree	S. Jayasree
37	206030049068	Sree ramdas Divya	S. Divya
38	206030049069	Thalari Venu	T. Venu
39	206030049070	Thatagiri Jhansi Nikhitha	T. Jhansi Nikhitha
40	206030049071	Varikunta Gopamma	V. Gopamma

Enclosures:

Photos on training

Certificates

Student training reports-Objectives,observations,outcomes and feed back

B. Nagar Babu

Signature

In charge Lecturer

B. A. Pr.

Lecturer Incharge

Department of Botany

**Government Degree College,
RAJAMPET (Rudrapa Dt.)**

Signature

In charge of the Department

COLLABORATION

Between

Ist party

Lecturer Incharge
Department of Botany
Government Degree College
Rajampeta
Annamaiah Dt

IInd party

The HOD
Department of Biotechnology
Yogi Vemana University
Kadapa
Kadapa Dt.

The both parties in this Collaboration agree to the following items:

1. Purpose and scope

- To equip students with practical knowledge and deftly skills.
- Knowledge providing to the students from the Professors, about the theory and practicals of Biotechnology, such as Medium preparation Maintenance of Culture room related information and laboratory techniques like Electrophoresis, Tissue culture etc.,
- To observe the Dept. of Biotechnology labs of YVU particularly Media preparation, Culture rooms and equipment like functioning of Autoclave, Laminar Air Flow Chamber.etc.,
- To visit the Botanical Garden at YVU.
Providing interaction UG students with the Professors of Botany regarding M.Sc courses and Research field.

2. Conditions and arrangements

- Financially there is no need to pay to anyone.
- According to convenient of IInd party sharing of knowledge choose mode (Online or off line are in any other digital platform).

3. Timing

According to the convenient of the IInd party

We both parties agreed to above condition and make collaboration for the benefit of Govt. Degree College, Rajampeta students.



Signature
For and on behalf of
Dept. of Biotechnology
Yogi Vemana University,
Kadapa



Signature
For and on behalf of
Dept. of Botany
Government Degree College,
Rajampeta

Date: 01/8/22

Head
Dept. of Biotechnology
Yogi Vemana University
KADAPA-516 003.

Date: 01/8/22

Lecturer Incharge
Department of Botany
Government Degree College,
RAJAMPET (Kadapa Dt.)



GOVERNMENT DEGREE COLLEGE, RAJAMPETA

(NAAC Accredited with B+)
Affiliated to Yogi Vemana University

Principal
Dr.B.Purushotham,M.Sc;Ph.D.

Phone:

To
Dr.P.Chandramathi Shankar
Professor
Department of Biotechnology
Yogi Vemana University
Kadapa

Date: 6.2.2023
Rajampeta

Respected Madam,

SUB: GDC, Rajampeta- Final year Botany Students-attending One Day workshop on
MUSHROOM CULTURE technique at Biotechnology laboratory, YVU dt 7.2.2023 –
Submission of list of students attending -Reg.

With your consent and also a part of collaboration (between Biotechnology
Dept,YVU and Botany Dept GDC, Rajampeta) ,the final year B.Sc (BZC) Botany students
attending **ONEDAYWORKSHOP ON MUSHROOM CULTURE** to learn the skills at your labs YV
University on 7.2.2023. The list of attending students is herewith attached.

Thanking you, Madam,

Principal

Enclosure:

1. List of attending Botany students from Final year B.Sc (BZC)

[Handwritten signature]
6/2/2023

Certificates link

[https://drive.google.com/file/d/1QoY2eJY7Jhv2J8m_KSlXhffNUIzfukQB/view?usp=](https://drive.google.com/file/d/1QoY2eJY7Jhv2J8m_KSlXhffNUIzfukQB/view?usp=sharing)
[https://drive.google.com/file/d/1QoY2eJY7Jhv2J8m_KSlXhffNUIzfukQB/view?usp=](https://drive.google.com/file/d/1QoY2eJY7Jhv2J8m_KSlXhffNUIzfukQB/view?usp=sharing)
[sharingsharingring](https://drive.google.com/file/d/1QoY2eJY7Jhv2J8m_KSlXhffNUIzfukQB/view?usp=sharing)