

GOVERNMENT DEGREE COLLEGE, SHADNAGAR

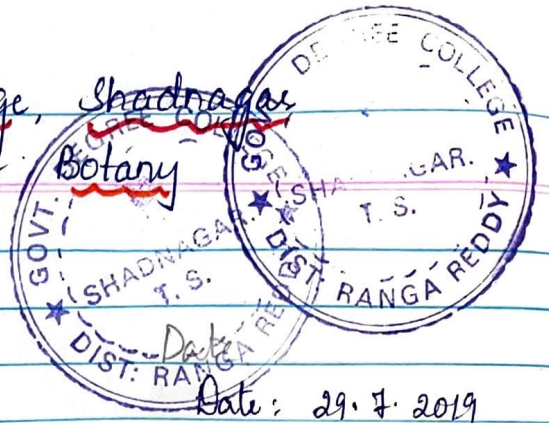
DEPARTMENT OF BOTANY

CERTIFICATE COURSE IN

**BASIC PROPAGATION TECHNIQUES IN
HORTICULTURAL CROPS**



12 Govt. Degree College, Shadnagar
Department of Botany



To
The Principal
Govt. Degree College
Shadnagar.

Date: 29.7.2019

Respected Sir/Madam,

Sub: Dept. of Botany - request to accord permission to conduct certificate course in Basic Propagation Technique in Horticultural crops - req.

This is to submit an application to the honourable self of the Principal that the Department of Botany would like to conduct a free certificate course in Basic Propagation technique in Horticultural crops. Hence, I request you to kindly permit me to conduct the same.

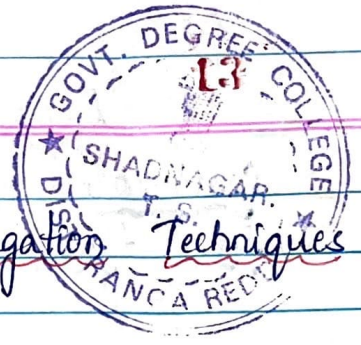
Thanking you Madam

Yours sincerely

(Dr. F. Uttara Phalguni)

He
Principal
GOVT. DEGREE COLLEGE
SHADNAGAR
Ranga Reddy Dist.

Govt. Degree College, Shadnagar
Department of Botany



Certificate course in Basic Propagation Techniques
in Horticultural Crops.

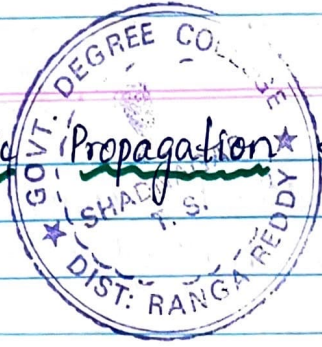
Syllabus.

1. Propagation : Need and potentialities
2. Sexual and Asexual Methods of Propagation - advantages and disadvantages
3. Methods of vegetative propagation : cutting and layering techniques
4. Methods of vegetative propagation : budding techniques
5. Techniques of Propagation through specialized organs, corms, runners, suckers etc.
6. Practicing different types of vegetative propagation.

Principal
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Ranga Reddy Dist.

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Department of Botany
Certificate Course in Basic Propagation Techniques
in Horticultural Crops.

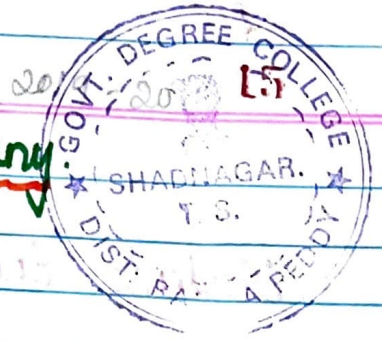


Aims and Objectives

1. To preserve the genetic characteristics of a particular plant.
2. To propagate plant that does not produce viable seeds.
3. To propagate plants that produce seed that is difficult to germinate or has a very short storage of life.
4. To impart basic knowledge and develop skills about propagating different types of plants by seed, cuttings, budding and grafting, layering in commercially viable way.

The
Principal
GOVT. DEGREE COLLEGE
SHADNAGAR
Ranga Reddy Dist.

Department of Botany



Notice

30.07.2019

All the students are hereby informed that the Department of Botany is going to conduct a Certificate course in Basic Propagation Techniques in Horticultural Crops for the benefit of the students. Students who are interested are asked to give their names to the faculty concerned on or before 31.7.2019. The classes will be conducted on all working days. The detailed schedule will be given soon. Students are advised to make use of this opportunity.

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Principal
GOVT. DEGREE COLLEGE
SHADNAGAR
Rangareddy Dist.



Students Enrolment sheet.

S.No:	Name of the student	Roll No.	Sign of the student
1.	B. Revanth Babu	18033067445501	B. Revanth Babu
2.	B. Bharath	18033067445502	B. Bharath
3.	B. Lavanya	18033067445504	B. Lavanya
4.	Ch. Akhila	18033067445505	Ch. - Akhila
5.	D. Maneela	18033067445507	D. Maneela
6.	G. Manasa	18033067445510	G. Manasa
7.	J. Mounik	18033067445512	J. Mounika
8.	J. Latha	18033067445513	J. Latha
9.	K. Ramakrishna	18033067445516	K. Ramakrishna
10.	K. Swathi	18033067445520	K. Swathi
11.	K. Yadagiri	18033067445522	K. yadagiri
12.	K. Anura	18033067445523	K. Anura
13.	K. Varalaxmi.	18033067445524	K. varalaxmi
14.	K. Mounika	18033067445525	K. Mounika
15.	M. Laxmalah	18033067445526	M. laxmalah
16.	N. Vamshi.	18033067445529	N. Vamshi
17.	P. Srisaitam	18033067445531	P. Srisaitam
18.	S. Mounika	18033067445534	S. Mounika
19.	S. Raju	18033067445535	S. Raju
20.	S. SriLatha	18033067445536	S. SriLatha
21.	Syed Aslam	18033067445537	Syed aslam
22.	T. Manjula	18033067445538	T. Manjula
23.	G. Srikanth	18033067445001	G. Srikanth

Department of Botany.



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Inaugural of Certificate Course in Horticultural Crops in Basic Propagation Techniques

The inaugural function is organised on 01.8.19 for the conduction of Certificate Course in Basic Propagation Techniques in Horticultural Crops. It is opined that this course is going to be useful to the students very much and may be helpful with regard to their career.



Principal
DEGREE COLLEGE
SHADNAGAR
Rangareddy Dist.



S.NO.	NAME OF THE STUDENT	AUGUST															SEPTEMBER																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31																		
1	B. REVANTH BABU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P										
2	B. BHARATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
3	BYNDLA LAVANYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
4	CH. AKHILA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
5	DESHALA MANEELA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
6	G. MANASA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P							
7	J. MOUNIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P							
8	JITTA LATHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
9	K. RAMAKRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
10	K. SWATHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
11	K. YADAGIRI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
12	K. ARUNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
13	KVARALAXMI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
14	K. MOUNIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
15	M LAXMAIAH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
16	N. VAMSHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
17	P. SRISAILAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
18	S. MOUNIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
19	S RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
20	S. SRILATHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	SYED ASLAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
22	T. MANJULA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
23	G.SRIKANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

B. Revanth Babu

B. Bharath

B. Lavanya

Ch. Akhila

D. Ma Neela

G. Manasa

J. Jitlu Rajan

J. Jitlu

K. Rama Krishna

K. Swathi

K. Yadagiri

K. Aruna

K. Varalakshmi

K. Mounika

M. Laxmah

N. Vamshi

P. Sri Sailam

S. Mounika

S. Raju

S. Srilatha

Syed Aslam

T. Manjula

G. Srikanth

HK

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Govt. Degree College, Shadnagar

Department of Botany.

Validictory Programme of Certificate Course in
Basic Propagation Techniques in Horticultural Crops

19.9.19.

The validictory function for the Certificate course in Basic Propagation Techniques in Horticultural Crops is conducted on 19/9/2019. The Principal happens to be the chief guest of the function. The course co-ordinator and incharge of Department of Botany has explained the main objectives of the course and its benefits.

The students expressed their satisfaction for being part of it. The Principal appreciated Department of Botany and congratulated the students. Certificates were distributed to the participants.



The
Principal
GOVT. DEGREE COLLEGE
SHADNAGAR
Nanga Reddy Dist.

Department of Botany.
Certificate Course in Basic Horticultural Crops.



Propagation Techniques in

Course outcome.

- ⇒ Students gain knowledge in preserving the genetic characteristics of a particular plant
- ⇒ Students learn different methods of propagational techniques.
- ⇒ To learn to propagate the plants through different specialized organs like corms, bulbils etc.

Principal
GOVT. DEGREE COLLEGE
SHADNAGAR
Ranga Reddy Dist.



Department of Botany



Certificate Course Summary

Name of the course: Basic Propagation Techniques in Horticultural Crops.

Name of the Course Co-ordinator: Dr. T. Uttara Phalguni.


Number of students attended: 23.

Number of hours conducted: 30 hours.

Dates of conduction: 1.8.19 to 18.9.19.

Name of the department conducted: Botany

Topic: Basic Propagation Techniques in Horticultural Crops.

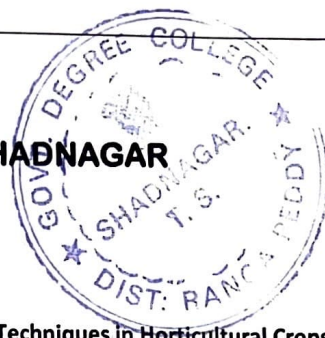

Principal
GOVT. DEGREE COLLEGE
SHADNAGAR
Rangareddy Dist.

GOVERNMENT DEGREE COLLEGE- SHADNAGAR

(Affiliated to Palamuru University)

DEPARTMENT OF BOTANY

Academic Year 2019-20



Student Feed back Analysis on Certificate Course in Basic Propagational Techniques in Horticultural Crops

Name of the Lecturer: Dr. T. Uttara Phalguni

Subject: BOTANY

S. No.	Questionnaire	Excellent	Very Good	Good	Average	Poor	Total
1	Syllabus	9	1	-	-	-	10
2	Coverage of Syllabus	8	2	-	-	-	10
3	Explanation of topics	8	2	-	-	-	10
4	Teaching methods	7	3	-	-	-	10
5	Interaction	6	4	-	-	-	10
6	Clarification of doubts	8	2	-	-	-	10
7	Generating interest	6	4	-	-	-	10
8	Imparting Practical knowledge	7	3	-	-	-	10
9	Time maintenance	7	3	-	-	-	10
10	Overall opinion	8	2	-	-	-	10
Remarks of the Principal on Certificate course		Excellent					

Principal
GOVT. DEGREE COLLEGE
SHADNAGAR
Ranga Reddy Dist.

GOVERNMENT DEGREE COLLEGE, SHADNAGAR

DEPARTMENT OF BOTANY (2019-20)

BASIC PROPAGATION TECHNIQUES IN HORTICULTURE CROPS

Assessment Exam on Certificate Course

Time: ½ hr

Marks: 20

Name of the student: _____ Hall Ticket Number: _____

Multiple Choice Questions

(Marks: 10X2= 20M)

- Which of the following method is suitable for combining the desirable characters of two plants together in a single plant. ()
(a) Cutting (b) Layering (c) grafting (d) all of those
- In grafting, the rooted plant is called the stock. The stem cutting from the donor plant is called _____. ()
(a) transplant (b) scion (c) bud graft (d) root stock
- Which of the following method is commonly practiced for root induction? ()
(a) Cutting (b) Layering (c) grafting (d) budding
- Vegetative propagation is another term for _____. ()
(a) Asexual reproduction (b) sexual reproduction (c) growing plants (d) grafting
- The artificial methods of vegetative propagation include _____. ()
(a) cutting only (b) grafting only (c) cloning (d) cutting and grafting
- In the cutting method of vegetative propagation, the cuttings are mainly taken from _____ ()
(a) leaves of parent plant (b) roots or stems of parent plant (c) buds of parent plant (d) shoots of parent plant
- The example of natural vegetative propagation does not include _____ ()
(a) corals (b) bulbs (c) corms (d) rhizomes
- The example of the plant in which vegetative propagation is occurred by leaves is called ()
(a) cannabis (b) chrysanthemum (c) bryophyllum (d) brassica
- This is an example of edible plant rhizome ()
(a) potato (b) turmeric (c) onion (d) colocasia
- In which artificial propagation method stock and scion are involved ()
(a) tissue culture (b) layering (c) grafting (d) cutting

Hg
Principal
GOVT. DEGREE COLLEGE
SHADNAGAR
Ranga Reddy Dist.



GOVT. DEGREE COLLEGE, SHADNAGAR

Ranga Reddy Dist., Affiliated to Palamuru University



DEPARTMENT OF BOTANY

CERTIFICATE OF COMPLETION

This certificate is presented to Mr/Ms _____
of class _____ year _____ of roll no. _____ for

successfully completing the certificate course in **Basic Propagation Techniques in Horticultural crops** organized by the **Department of Botany**, Government Degree College, Shadnagar.



Course Co-ordinator

Principal