



**Sanjeevan Gramin Vaidyakiya & Samajik Sahayata Pratishthan's
Arts, Commerce and Science College,
Onde Tal. - Vikramgad Dist. - Palghar 401605
(Affiliated to the University of Mumbai)**

Department of Botany

Organises

"CERTIFICATE COURSE IN BASIC GRAFTING TECHNIQUES"

Eligibility: FY/SY/ TY/ BA/B. Com/ B.Sc.

Commencement of Course:

1st to 23rd August, 2022

(Excluding Holidays)

Course Duration: 30 hours

Time: 03.10 pm to 5.10 pm

Number of Seats Available: 30 only

Date of Registration:

15th to 31st July, 2022

(Admission on first-come-first serve basis)

Course Co-ordinator

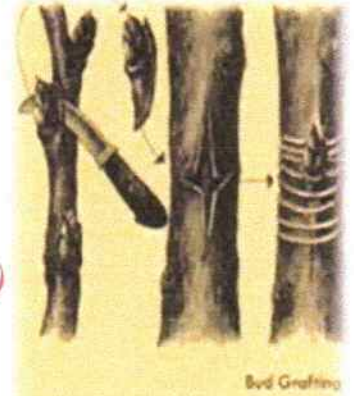
Mr. Namdeo V. Mahale

(Assistant Professor in Botany)

Contact No: 9922361425



Bud Grafting



Bud Grafting



CERTIFICATE COURSE IN BASIC GRAFTING TECHNIQUES

Syllabus

1. Definition of grafting.

2. Basic terminology- Scion, stock, cambium, vascular tissues (xylem, phloem), sap, callus, mother plant.

3. Limitations in grafting

4. Reasons of grafting failure

5. Materials and tools- Knives, Scissors, Saw, insulation tape, protective and tying material, sharpening stone and other tools.

6. Types of grafting:

1. Detached grafting

A. Apical grafting- Whip and tongue grafting, Slice grafting, Cleft grafting, Wedge grafting, saddle grafting, Four flap grafting (Banana grafting)

B. Side grafting- Side veneer grafting, Side- tongue grafting

C. Bark grafting- Bark graft (rind grafting)

D. Root grafting- Whole root and piece root grafting

2. Approach grafting

A. Sliced approach grafting

B. Tongued approach grafting

C. Inlay approach grafting

3. Repair grafting

A. Inarch

B. Bridge grafting

C. Bracing

4. Soft wood grafting

5. Epicotyl grafting

Methodology: Classroom teaching, power point presentation, practical demonstration, practice.

Evaluation Method: A total 50-marks examination will be held that includes

A. Test: 20 Marks

B. Practical: 30 Marks

Objective of the Course:


1. Significance of grafting techniques.
2. To know different methods of grafting.

Expected Learning Outcomes: After completing

- Students can successfully perform different grafting techniques.
- Learners will be able to know criteria for successful grafting.
- Explain what and why different grafting techniques are used for different plant species.
- Learners will be able to know the benefits of grafting.
- Learners will know limitations in grafting
- Learners will be able to know the reasons of grafting failure

Student Enrolment
Certificate Course in Basic Grafting Techniques
(2022-23)

Sr. No.	Name of the Student	Class	Contact Number
1	/Bhadange Rohini Vishnu	F.Y.B.Sc.	9359421167
2	/Bhadange Ujjwala Raghunath	F.Y.B.Sc.	9307204594
3	/Bhagat Kanchan Haresh	F.Y.B.Sc.	9021911148
4	/Bhanushali Monika Umesh	F.Y.B.Sc.	8766074072
5	/Bhore Dikshita Hemant	F.Y.B.Sc.	7020318233
6	/Bhoye Pallavi Bhaskar	F.Y.B.Sc.	7558646858
7	/Bhurkud Mayuri Ganesh	F.Y.B.Sc.	7841845178
8	/Chaudhari Priyanka Atmaram	F.Y.B.Sc.	7020351088
9	/Dangate Anusaya Ananta	F.Y.B.Sc.	9529320185
10	/Gurav Ankita Kashiram	F.Y.B.Sc.	9359986769
11	/Kanoja Pratiksha Janu	F.Y.B.Sc.	9321684313
12	/Kathe Meena Kisan	F.Y.B.Sc.	9309454238
13	/Kavha Nivedita Bharat	F.Y.B.Sc.	7219303381
14	/Patil Ankita Kashinath	F.Y.B.Sc.	9309125681
15	/Patil Disha Dilip	F.Y.B.Sc.	9370276680
16	/Patil Pranali Kishor	F.Y.B.Sc.	9146614014
17	/Sambare Sakshi Gurunath	F.Y.B.Sc.	7972227348
18	Baraf Manish Nandkumar	F.Y.B.Sc.	8956365540
19	Batre Dipesh Pandurang	F.Y.B.Sc.	7219224464
20	Bhanushali Rahul Sandip	F.Y.B.Sc.	9284011373
21	Bhavar Rohit Ramesh	F.Y.B.Sc.	9322774148
22	Bhoye Vishal Santosh	F.Y.B.Sc.	9284483575
23	Bhurkud Hrutik Ganesh	F.Y.B.Sc.	7841845178
24	Govari Avinash Shantaram	F.Y.B.Sc.	7745094278
25	Kavate Tushar Laxman	F.Y.B.Sc.	9699853779
26	Kode Virendra Narayan	F.Y.B.Sc.	9322935803
27	Madhavi Hruday Santosh	F.Y.B.Sc.	9022169250
28	Mathe Shwetambari Mahendra	F.Y.B.Sc.	7666694858
29	Patil Atharv Bharat	F.Y.B.Sc.	9075840625
30	Thorat Dishant Gopal	F.Y.B.Sc.	8767279837


Course Co-ordinator
Mr. Namdeo V. Mahale

18	Baraf Manish Nandkumar	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
19	Batre Dipesh Pandurang	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
20	Bhanushali Rahul Sandip	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
21	Bhavar Rohit Ramesh	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
22	Bhoye Vishal Santosh	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
23	Bhurkud Hrutik Ganesh	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
24	Govari Avinash S.	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
25	Kavate Tushar Laxman	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
26	Kode Virendra Narayan	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
27	Madhavi Hruday Santosh	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
28	Mathe Shwetambari M.	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
29	Patil Atharv Bharat	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
30	Thorat Dishant Gopal	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved

(Signature)

Course Co-ordinator
Mr. Namdeo V. Mahale



**Sanjivan Gramin Vaidyakiya and Samajik Sahayata Pratishthan's
Arts, Commerce and Science College Onda Tal.- Vikramgad Dist.- Palghar (MS) 401605
(NAAC Accredited and Affiliated to University of Mumbai)**

Website:- www.acscollegeonda.ac.in

Of

Department of Botany

CERTIFICATE

This is to certify that,

Mr./Miss _____

of class _____

Has successfully completed a **"Certificate Course in Basic Grafting Techniques"** organised by **Department of Botany** of Arts, Commerce and Science College Onda, Tal-Vikramgad Dist.- Palghar (MS) 401605 from 1st August, 2022 to 23rd August, 2022.

Mr. Namdeo V. Mahale
Course Co-ordinator

Dr. Chetana Y. Patil
I/C Principal