

S.G.V.C VIDYA PRASARK TRUST'S
**M. G.V.C. ARTS, COMMERCE AND SCIENCE COLLEGE
MUDDEBIHAL**

DEPARTMENT OF BOTANY

**VISIT: Horticulture department
AT
Almatti**



DATE: 20.01.2024

TIME: 10.49 AM


Head of the Department of Botany
M.G.V.C. College, MUDDEBIHAL-586212
Dist: Bijapur,


PRINCIPAL,
M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212. Dist: Vijayapur.

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Staff Meeting

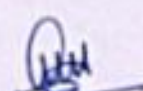
All Botany staff members and B.Sc. 1st sem students assembled in the meeting hall to discuss visit to Horticulture Department to understand plant breeding in day today life. Prof. Channamma, University Bangalore recommended in B.Sc. 1st sem paper-II syllabus place of visit & date is fixed.

Date: 20-2-2024
place: Muddebihal

1. Prof. Ram. Rajwade
2. Prof. Chitra .S




Head of the Department of Botany
M.G.V.C. College, MUDDEBIHAL-586212
Dist. Bilapur.


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Dist: Bilapur.

To

Horticulture Officer

Horticulture department,

Almatti.

Subject: Requesting to give permission to visit to your nursery along with B.Sc Vth semester students on 20.01.2024. we would like to know about nursery techniques which is recommended by Rani Channamma University Belagavi. Kindly give permission to visit and arrange to give information about nursery techniques.

Students List

Sr.No	Name of the Students
1	Manjula Lakkannavar
2	Bhagyashree k
3	Sangeeta
4	Rajiyabegum Rudrawadi
5	Muskan. Mujawar
6	Vinuta
7	Pratibha . P. Dodamani
BOTANY STAFF MEMBERS	
1.	Prof: Laxmi Arjunagi
2.	Prof: Chaitra M . Bilebhavi
3.	Sri: M.D. Pattar

Place: Muddebihal

Date: 20-01-2024


Head of the Department of Botany
M.G.V.C. College, MUDEBIHAL-586212
Dist: Dharwad,

To
Principal
M.G.V.C. College
Muddebihal

Subject: Requesting to give permission to visit to horticulture nursery along with B.Sc Vth semester students on 20.01.2024. Rani Channamma University is recommended horticulture nursery visit in syllabus for B.Sc V sem, Botany staff members along with B.Sc Fifth Semester students on 20.01.2024 at 11 am.

Students List

Sr.No	Name of the Students
1	Manjula Lakkannavar
2	Bhagyashree k
3	Sangeeta
4	Rajiyabegum Rudrawadi
5	Muskan. Mujawar
6	Vinuta
7	Pratibha. P. Dodamani
BOTANY STAFF MEMBERS	
1.	Prof: Laxmi Arjunagi
2.	Prof: Chaitra M . Bilebhavi
3.	Sri: M.D. Pattar

Place: Muddebihal

Date: 20-01-2024


Head of the Department of Botany
M.G.V.C. College, MUDDEBIHAL-586212
Dist: Bilapur.

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MUDDEBIHAL
DEPARTMENT OF BOTANY
VISIT: HORTICULTURE DEPARMEN
AT
ALAMATTI



[Signature]
Head of the Department of Botany
M.G.V.C. College, MUDDEBIHAL-536212
Dist: Bilaspur,

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VISIT: HORTICULTURE DEPARMEN
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Dist: Bilapur,

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MUDDEBIHAL

DEPARTMENT OF BOTANY
VISIT: HORTICULTURE DEPARMENT
AT
LAYERING

In various ways to exclude light, increase the moisture level and stimulate root growth.

Layering is an ancient technique for vegetative propagation. It was used extensively in European nurseries from the 18th to the early 20th century for propagating woody shrubs and tree species.

ADVANTAGES OF LAYERING

- * Less maintenance than cuttings. Layering is a form of vegetative propagation where cuttings are made to form adventitious roots while cutting is still attached to the mother plant. Stems of the mother plant are covered in a growing medium
- * Allows propagation to be performed on-site.
- * Natural accumulation of Photosynthates and hormones due to girdling, incision or bending.
- * Often times a large plant is the product.
- * Easy to do with little investment.

SIMPLE LAYERING

A type of layer where shoots from the previous year are bent to the ground and covered in soil and "pegged down" 6-9 inches from the tip. Shoot tips are left emerging from the soil forming a U shape. Shoots are in place using stakes.

AIR LAYERING

Air layering is a technique performed without placing the layered branch or shoot below the soil line of the mother plant. The stem is first girdled proper girdle is key to causing the accumulation of carbohydrates at the cut. Then, the girdled section is wrapped in media like peat moss that is easy to work with. Adding hormone to the media or directly applying it to the stem is very beneficial. The media is then enclosed in plastic and tied off. Once roots have formed the layer can be removed from the mother and planted.

GRAFTING

Grafting is a horticultural technique used to join parts from two or more plants so that they appear to grow as a single plant. The upper part (scion) of one plant grows on the root system (root stock) of another plant.

Grafting can only be done between reasonably closely related plants. Most often the limits of success are with other species in the same genus, though in some cases plants in the some cases plants in different but closely related genera can graft successfully and in other cases, not even between some species in the same genus.

REASONS FOR GRAFTING

Grafting may increase the productivity of certain horticultural crops because it makes it possible to do the following things:

***Change varieties or cultivars:-** An older established orchard of fruiting trees may become obsolete as newer varieties or cultivars are developed. The newer varieties may offer improved insect or disease resistance, better drought tolerance or higher yields. As long as the scion is compatible with the root stock, older orchard may be top worked using the improved variety or cultivar.





S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDDEBIHAL-586212. Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 2.58 on seven point scale at 'B' Grade)

Ph : 08356220329 / 222175

FAX : 08356220329 / 221121

• email : princmgvc@gmail.com •

Ref. No. :

Date :

REPORT

As per syllabus of Rani Chanamma University Belgavi, visit to Nursery-Poly house/Green house and tissue culture. Department of Botany organized Field visit for B.Sc Vth semester students on 20.01.2024 at Horticulture Department Alamatti Damsite. Horticulture officers demonstrated about nursery techniques


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