

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

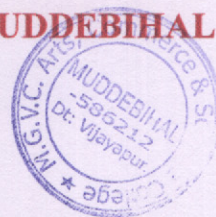
M.G.V.C ARTS, COMMERCE AND SCIENCE COLLEGE MUDDEBIHAL

DEPARTMENT OF BOTANY

FIELD VISIT

DURING THE YEAR 2021-22

HORTICULTURE DEPARTMENT AT ALMATTI DAMSITE



B.Sc FIFTH SEMESTER STUDENTS

Co-ordinator,
Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212. Dist: Vijayapur.

Principal,
M.G.V.C. Arts, Com. & Science College
MUDDEBIHAL - 586212



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M.G.V.C ARTS, COMMERCE AND SCIENCE COLLEGE MUDDEBIHAL

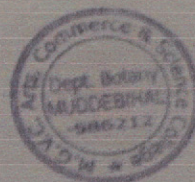
DEPARTMENT OF BOTANY

FIELD VISIT

DURING THE YEAR 2021-22

HORTICULTURE DEPARTMENT AT ALMATTI DAMSITE

Staff Meeting



All Botany staff members assembled in Botany lab to discuss Visit to Nursery, Industrial visit and study tour and finalize the date fixed on 23.11.2021. Rani Chanamma University Belgavi Botany syllabus recommended, visit to nursery - poly house / Green house & tissue culture lab and visit to effluent treatment plant to study recycling of waste water near by Industry & study the effect of industrial pollution near by water bodies (Biomagnification & Eutrophication). Study tour of minimum 2 days to study forest types and ecological groups.

1. Prof: S.V. Gurumath
2. Prof: B.N. Chawadapur
3. Prof: S.S. Chiraladinni

(Signature)

(Signature)

place: Muddebihal
Date: 19.11.2021

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

(Signature)
PRINCIPAL,

M. G. V. C. Arts, Com. & Science College
MUDDEBIHAL - 586212.



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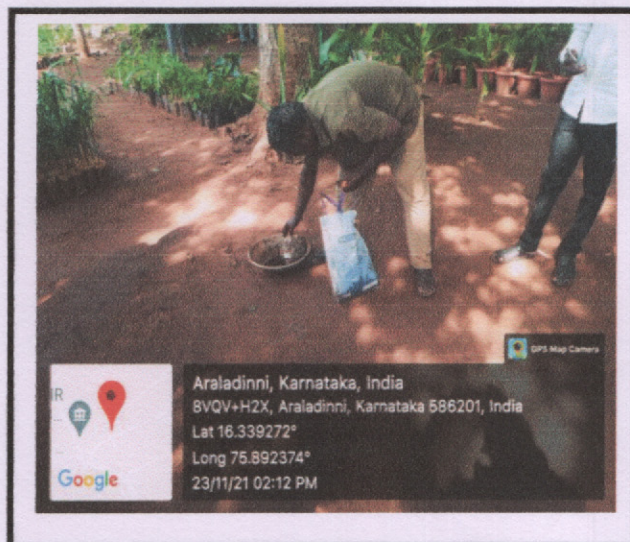
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DURING THE YEAR 2021-22

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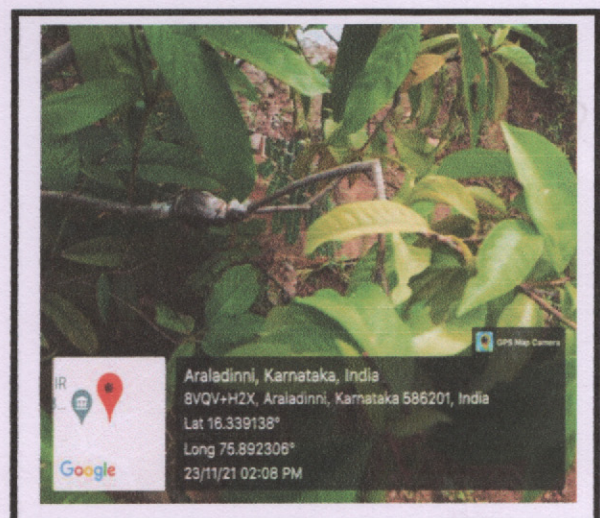
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DURING THE YEAR 2021-22

HORTICULTURE DEPARTMENT AT ALMATTI DAMSITE



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[Signature]
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MUDDEBIHAL - 586212.



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

M.G.V.C ARTS, COMMERCE AND SCIENCE COLLEGE MUDDEBIHAL

To

The Principal

M.G.V.C.College

Muddebihal

Subject: Requesting to give permission to visit to Horticulture Department at Alamatti Damsite, Botany staff members along with B.Sc Fifth Semester students on 23.11.2021. Rani Channamma University is recommended in syllabus visit to nursery-poly house/Green house and tissue culture lab.

Students List

Sr.No	Name of the Students
1	Shrikant.Naik
2	Anasultana Mulla
3	Kavya. N.Bijjur
4	Veena.Desai
5	Veena.Gubachi
6	Mounesh Pattar
7	Ashok.Ammapur
8	Ramu.Ganjihal
9	Sudeep.Tiganibidari
10	Madhusudhan.Lokare
11	Rajeshkhar.



12	Nagangouda.Policepatil
13	Ramesh.Dodamani
14	Praveen. Odi
15	Shankar.Deshmukh
16	Akash.Jadhav
17	Waseem.Bagawan
18	Musktumsab.Mamdapure
19	Shreedhar.Huagar
20	Amaresh.Kolur
21	Husenbasha.Havargi
22	Pruthvi.G.Boodi
23	Gurudevi.Policepatil
24	Sunanada.M.Hadapad
25	Sangeeta.S.Ullagadi
26	Kruthi.S.Nalatawad
27	Malanbegum.K.Nadaf
28	Amrutha.Hiremath
29	Tejeshwini.R.Hosamani
30	Supriya.S.Hugar
BOTANY STAFF MEMBERS	
1.	Prof: S.V.Gurumath
1	Prof: B.N.Chawadapur
2	Prof: S.S.Cheeraladinni
3	Sri: M.D.Pattar

Place: Muddebihal

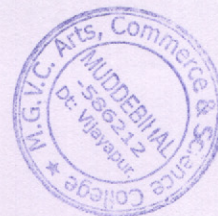
Date: 23-11-2021

PRINCIPAL,

**M. G. V. C. Arts, Com. & Science College
MUDDEBIHAL - 586212.**

Coordinator,

**Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212. Dist: Vijayapur.**



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

M.G.V.C ARTS, COMMERCE AND SCIENCE COLLEGE MUDDEBIHAL

B.Sc. V Semester (w.e.f. 2019 - 20)

Botany Paper - I

Paper-I: Plant Breeding, Tissue Culture and Horticultural Practices.

Hrs

Unit I: Plant Breeding: History and objectives. Introduction, Selection (Pure line, Mass Selection), Hybridization- inter specific and inter generic. Mutational & Polyploidy breeding. Germ plasma and its maintenance. Pollen Bank, Quarantine method.

10 Hrs.

Unit II: Plant Tissue Culture: Scope and Significance. Basic Aspects and Cellular totipotency (Shoot tip, Embryo and Haploid culture techniques). Differentiation and morphogenesis.

10 Hrs.

Unit III: Introduction to Horticulture, Nursery management and importance.

Methods of propagation - vegetative - rhizome, bulb, corm and sucker (natural). Artificial - layering, grafting and budding. Bonsai - methods and importance. Nursery management: Introduction, types of nurseries and cultural practices. Seed (propagule) collection, storage and treatment. Manures, fertilizers and pesticides. Methods of irrigation - drip, sprinkler and flood.

12 Hrs.

Unit IV: Green House Technology - Introduction, advantages and limitations. Types of Green Houses- Green House structure, principle Greenhouse technology as applied to ornamental, vegetable and fruit plants.

08 Hrs.

Unit V: Harvest Technology and Weed Management: Harvest Technology: Flower and fruit plants management. Artificial ripening, maturity indices, methods of picking. Post-harvest technology and management of fruits: grading, processing, storage and packing. Weed Management: Introduction and significance. Invasive weeds - concept and causes of their dominance. Weed control - physical, chemical and biological methods.

10 Hrs.

Practicals

1. Study of methods of propagation with help of tubers, bulbs, rhizomes, corms, suckers, runner and offset.
2. Study of propagation by cutting, layering, grafting and budding.
3. Methods of emasculation and bagging for cross-pollination.
4. Morphology and anatomy of dry and wet stigma.
5. Morphology and anatomy of solid and hollow styles.
6. Study of pollination types.
7. Demonstration of tissue culture techniques.
8. Visit to nursery - poly house /Green house and tissue culture lab.
9. Preparation of MS media for culture. 10. Bonsai techniques.

Co-ordinator,

Internal Quality Assurance Cell
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MUDDEBIHAL-586212. Dist: Vijayapur.

Principal,

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M.G.V.C. Arts, Com. & Science College
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S. G. V. C. Vidya Prasarak Trust's,

Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,

MUDEBIHAL-586212. Dist. Vijayapur (Karnataka)

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

☎ : 08356220329 / 222175

FAX : 08356220329 / 221121

* email : princmgvc@gmail.com *

Ref. No. :

Date :

To

The Horticulture Officer

Department of Horticulture

Almatti Damsite

Subject: Requesting to give permission to visit to Horticulture Department at Alamatti Damsite, Botany staff members along with B.Sc Fifth Semester students on 23.11.2021. Rani Channamma University is recommended in syllabus visit to nursery-poly house/Green house and tissue culture lab.

Kindly give permission to visit Nursery

Students List

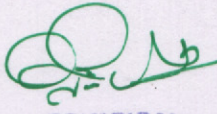
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1.	Prof: S.V.Gurumath
1	Prof: B.N.Chawadapur
2	Prof: S.S.Cheeraladinni
3	Sri: M.D.Pattar

Place: Muddebihal

Date: 23-11-2021


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M.G.V.C ARTS, COMMERCE AND SCIENCE COLLEGE MUDDEBIHAL

DEPARTMENT OF BOTANY

FIELD VISIT

DURING THE YEAR 2021-22

HORTICULTURE DEPARTMENT AT ALMATTI DAMSITE

OBJECTIVES

To Study artificial methods of Propagation by Cutting, Layering, Grafting and Budding in Ornamental plants and Fruit yielding plants.

OUT COME OF NURSERY VISIT

***Gaining knowledge of cutting, Layering, Grafting and Budding technique in different plants.**

***Knowledge of cutting, Layering, Grafting and Budding in Ornamental plants and Fruit yielding plants in their own land.**



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

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

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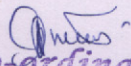
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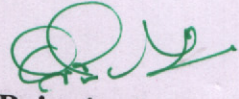
Date :

REPORT

Department of Botany organizes Field visit to Horticulture Department at Alamatti Dam site for B.Sc Fifth semester students on 23.11.2021. Rani Channamma University is recommended in syllabus visit to nursery-poly house/Green house and tissue culture lab. Study the Nursery techniques, types of Graftings by the experts.


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


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