



SPVVS'S

**G.P.PORWAL ARTS, COMMERCE &
V.V.SALIMATH SCIENCE COLLEGE,
SINDGI**



BROCHURE



DEPARTMENT OF BOTANY

**CERTIFICATE COURSE
2022-23**



TITLE: NURSERY AND GARDENING

DATE: 17/11/2022 TO 10/01/2023




**HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128**


**Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dt: Vijayapur**


**Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Code: 5734**



NAME OF THE COURSE

NURSERY AND GARDENING

OFFERED BY

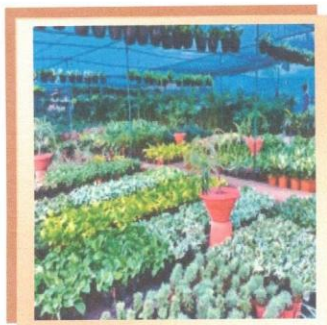
DEPARTMENT OF
BOTANY

COURSE CODE

CCBOTNG1

COURSE COORDINATOR

SMT. S.S. MUTTINPENDIMATH
HOD OF BOTANY DEPT



Head
HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128

Co-ordinator IQAC
Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dt:Vijayapur

Principal
Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Frdn: 5234



S.P.V.V.S
**G.P.PORWAL ARTS, COMMERCE AND
V.V.SALIMATH SCIENCE COLLEGE,
SINDGI - 586 128
Dist: Vijayapur. Karnataka State**

DEPARTMENT OF BOTANY

CERTIFICATE COURSE DETAILS

INSTRUCTIONAL DESIGN

30 HOURS (This course is of Thirty hours duration
which include Theory and Practical)

ABOUT COLLEGE

G.P.Porwal Arts, Commerce & V.V.Salimath Science College is the first science college in Sindagi Taluk of Vijayapur district which provides education in science stream at U.G. level to the educationally, economically and socially backward students of this Taluk. Since 1988, many students are graduated with B.Sc in Botany .Botany is one of the optional subject.

IQAC of G.P.Porwal Arts, Commerce & V.V.Salimath Science College, in its meeting decided to introduce few self financed certificate courses from the academic sessions 2022-23. The continuation of these courses will depend on interest and participation of students.

ELIGIBILITY

Students of V Semester are eligible to enroll for the course.

SCOPE OF THE COURSE

The course paves way for Entrepreneurship and career opportunities in State Government Organizations.

OBJECTIVES

- The main objective of the nursery is to grow in an open environment, maintain a good quality of plants and protect the plants from pests and diseases
- It was the responsibility of the commercial nursery growers to develop good quality of plants for their customers.
- The best method for introduction of exotics, tropical Pines, Poplars Eucalyptus etc. is only by, planting and therefore nursery is very essential for them.
- Planting of nursery grown plants is the surest method of artificial regeneration on poor and barren sites

BENEFITS OF NURSERY AND GARDENING

- Helps fight disease ,strength, Improves, Boosts, Reduces
- Helps addiction recovery, Fosters human connections, Heals and empowers
- Combats ecoanxiety

COURSE OUTCOMES

- Students will understand how to propagate, plant ,grow/manage and harvest vegetable ,fruit and nut crops
- Students will be able to identify soil types and how they are formed and ways to modify soil structure and drainage to reduce erosion and improve water quality and water availability to plants.


HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dt.Vijayapur


Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Code: 5284

- It provides theoretical base for nursery management and plant propagation practices like cutting, budding, layering, grafting training and pruning.

COURSE CONTENT

UNIT-I

15 Hrs

Introduction, Nursery Techniques, Seed storage, Seed Testing
Hardening of plants, Vegetative propagation, Green house and glass house.

UNIT-II

10 Hrs

Gardening: Types, Gardening operations Raising of seeds and seedlings

BOARD OF STUDIES

1. Prof.D.M.Patil Principal : Chairman
2. Prof. Smt. S.S.Muttinpendimath : Co-coordinator
HOD
3. Shri.Mittesaib Mulla DRFO : Member
Regional social forestry Bableshwar
Hitech Nursery ,Sindgi
4. Prof.Parwati .Biradar : Member
Govt.First Grade College ,Vijayapur
5. Prof.Miss.Jyoti. P.Angadi : Member

THANK YOU


HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dt:Vijayapur


Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Code: 5234



S.P.V.V.S's

**G. P. PORWAL ARTS, COMMERCE AND V. V. SALIMATH SCIENCE
COLLEGE, SINDGI - 586 128 (Dist : Vijayapur. Karnataka State)**

Affiliated to Rani Channamma University, Belagavi
Accredited at 'B' Grade (2.42 CGPA) by NAAC

E-mail : gppprincipal@gmail.com Web : www.gppvvs.ac.in Ph : 08488-221244

Date

Ref. No.

DEPARTMENT OF BOTANY

Academic year-2022-23

Date: 10-11-2022

To,
The Coordinator,
IQAC

Sub: Request for permission to start certificate course on
"Nursery and Gardening"

Respected Sir,

We the faculty members of Department of Botany have decided to start Certificate course on "Nursery and Gardening" for B.Sc. V Sem students. Hence, we kindly request you to please give the permission to start the Certificate course for the academic year 2022-23. We hope that the authority will consider the request and oblige.

Place: Sindgi
Date: 10-11-2022

Yours faithfully

SSM

SSM
HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128

SSM
Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dist: Vijayapur

J
Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Code: 5234



S.P.V.V.S'S

**G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE
COLLEGE, SINDGI – 586 128** (Dist : Vijayapur. Karnataka State)

Affiliated to Rani Channamma University, Belagavi
Accredited at 'B' Grade (2.42 CGPA) by NAAC

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile : 9611032604

Academic Year: 2022-23

Date: 12/11/2022

To,
Head,
Department of Botany

Sub: Permission to conduct certificate course
Ref: Your letter dated on 10/11/22

Sir/Madam,

With reference to subject cited above I herewith permit you
to conduct certificate course for B.Sc V semester students.
Thanking you,

Place: Sindgi
Date: 12/11/22

Coordinator, IQAC

Co-ordinator IQAC

G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128, Dist: Vijayapur.

HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128

Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128, College Code: 5234



S.P.V.V.S's

**G. P. PORWAL ARTS, COMMERCE AND V. V. SALIMATH SCIENCE
COLLEGE, SINDGI - 586 128 (Dist : Vijayapur. Karnataka State)**

**Affiliated to Rani Channamma University, Belagavi
Accredited at 'B' Grade (2.42 CGPA) by NAAC**

E-mail : gppprincipal@gmail.com Web : www.gppvvs.ac.in Ph : 08488-221244

Ref. No.

Department of Botany

Date

Academic Year: 2022-23

Certificate Course: Nursery and Gardening- 2022-23

G.P.Porwal Arts, Commerce and V.V.Salimath Science College is the first Science college in Sindagi Taluk of Vijayapur district which provides education in Science stream at U.G. level to the educationally, economically, and socially backward students of this taluk. Since 1988, many students are graduated with B.Sc. in Botany, Zoology, Chemistry, Mathematics, Physics and Computer Science.

IQAC of G.P.Porwal Arts, Commerce and V.V.Salimath Science College in its meeting decided to introduce few self financed certificate courses from the academic sessions 2022-23. The continuation of these courses after three year will be depend on interest and participation of students, course outcomes and financial provisions from the Institution.

Objectives: A nursery is a place where plants are grown for transplanting, for use as stock for budding and grafting, or for sale. Commercial nurseries produce and distribute woody and herbaceous plants, including ornamental trees, shrubs and bulb crops.

- To promote knowledge, interest, education and the enjoyment of gardening and nursery.
- The main objective of good nursery management is to supply elite planting material of the highest possible quality for establishment of new orchards. Combining both horticultural and artistic skills. It involves the bringing of tree(s) and pot together into visual harmony.
- The main objective of the nursery is to grow plants in an open environment ,maintain a good quality of plants and protect the plants from pests.

Instructional Design:-

This course is of three month duration which includes theory and practical classes.

Course Structure and Examination Scheme:-

Course No	Course Name	Theory Classes	Laboratory Experiments	Theory Marks	Practical Marks	Total Marks
01	Nursery and Gardening	30hrs	240hrs	50	50	100

Eligibility: All students belonging to V semester are eligible to enroll for the course.


HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dist: Vijayapur


Principal,
G. P. Porwal Arts, Com
V. V. Salimath Sc. Coll
SINDGI-586128. College Cox



S.P.V.V.S'S
G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE
COLLEGE, SINDGI – 586 128 (Dist : Vijayapur. Karnataka State)

Affiliated to Rani Channamma University, Belagavi

Accredited at 'B' Grade (2.42 CGPA) by NAAC

E-mail: gpppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile : 9611032604

Date : 1.2/11.2022

Ref. No.:.....

Ref. No.:2022-23.

To
Prof.Parvati .Biradar
Asst.Professor
Department of Botany
Govt.First Grade College
Vijayapur.

Dear Madam,

Subject: Regarding appointment as BOS member

With reference to the above cited subject, I feel happy to inform that you have been appointed as BOS Member for Certificate Course "Nursery and Gardening" introduced by Department of Botany for the academic year 2022-23. Kindly accept the same and do the needful.

Thanking You


HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Department of Botany


Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dt.Vijayapur


Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Code: 5234



S.P.V.V.S'S
G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE
COLLEGE, SINDGI – 586 128 (Dist : Vijayapur. Karnataka State)

Affiliated to Rani Channamma University, Belagavi
Accredited at 'B' Grade (2.42 CGPA) by NAAC

E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 08488-221244 Mobile : 9611032604

Date :

Ref. No.:

DEPARTMENT OF BOTANY
CERTIFICATE COURSE FOR B.Sc V SEMESTER STUDENTS
SUBJECT: NURSERY AND GARDENING
MEMBERS OF BOARD OF STUDIES

SL.NO.	BOS MEMBERS
1	PROF.D.M.PATIL PRINCIPAL
2	SHRI.MITTESAIB MULLA DRFO REGIONAL SOCIAL FORESTRY BABLESHWAR HITECH NURSERY,SINDGI TALUK
3	PROF.PARVATI.BIRADAR GOVT.FIRST GRADE COLLEGE VIJAYAPUR
4	PROF.SMT.S.S.MUTTINPENDIMATH
5	PROF.MISS.JYOTI.P.ANGADI

Department of Botany

HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128

Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dt:Vijayapur

Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Code: 5234



S.P.V.V.S's

**G. P. PORWAL ARTS, COMMERCE AND V. V. SALIMATH SCIENCE
COLLEGE, SINDGI - 586 128 (Dist : Vijayapur. Karnataka State)**

**Affiliated to Rani Channamma University, Belagavi
Accredited at 'B' Grade (2.42 CGPA) by NAAC**

E-mail : gppprincipal@gmail.com Web : www.gppvvs.ac.in Ph : 08488-221244

Date

Ref. No.

Department of Botany

Academic Year: 2022-23

Notice

It is hereby informed to all the students of V semester that the certificate course on Nursery and gardening will be commencing in our college from 17/11/2022. Hence interested students may apply on or before 15/11/2022.

Contact:

Prof.Smt S.S.Muttinpendimath

Prof.Miss.Jyoti.Angadi


Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dt.Vijayapur

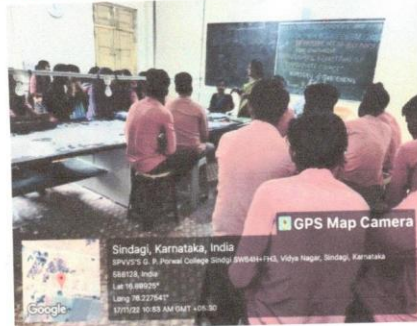
HOD

HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Code: 5234

2022-23

INAGURATION OF CERTIFICATE COURSE "NURSERY AND GARDENING"



sem
HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128

sem
Coordinator IQAC
G. P. PORWAL ARTS, COM &
V. V. SALIMATH Sc. College,
SINDGI-586128

sem
Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128, College Code: 5231

**G.P.PORWAL ARTS, COMMERCE, AND V.V.SALIMATH SCIENCE
COLLEGE, SINDAGI-586128**

DEPARTMENT OF BOTANY

Application form

1. Name of the course: Nursery and Gardening
2. Year of the Course: 2022 - 2023
3. CLASS: B.Sc V semester

General Information of the Candidate

Name of the student:

Sex:

Date of Birth:

Mob number:

Caste:

Annual Income:

Permanent Address:

Declaration

I hereby certify that above information furnished by me is true to the best of my knowledge and belief. I shall regularly attend all theory and practical classes in the college, in case shortage of attendance I may not be permitted to appear for the examination. Further I declare that I shall abide by the rules and regulation of the college and adhere to the discipline.

Signature of the Candidate


HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Coordinator IQAC
G. P. PORWAL ARTS, COM. &
V.V.SALIMATH Sc. College,
SINDGI-586128


Chairperson IQAC

**G.P.PORWAL ARTS, COMMERCE, AND V.V.SALIMATH SCIENCE
COLLEGE, SINDAGI-586128**

Department of Botany

Syllabus

Certificate Course On Nursery and Gardening -2022-23

Unit 1: Nursery: Definition, objectives and scope, building up of infrastructure for nursery, planning and seasonal activities. Planting, direct seeding and transplants. Seed: Structure and types. Seed dormancy; causes and methods of breaking dormancy
Seed storage: Seed banks, factors affecting seed viability, genetic erosion, Seed production technology, seed testing and certification.
Vegetative propagation: Air layering, cutting, selection of cutting, collecting, season, treatment of cutting, rooting medium and planting of cuttings. Hardening of plants, green house, mist chamber, shed root, shade house and glass house. 15 hours

Unit2: Gardening: Definition, objectives and scope. Different types of gardening: Landscape and home gardening, parks and its components. Plant materials and design. Computer applications in landscaping.
Gardening operations: soil laying, manuring, watering, management of pests and diseases and harvesting.
Sowing/raising of seeds and seedlings - Transplanting of seedlings: Study of cultivation of different vegetables: cabbage, brinjal, lady's finger, onion, garlic, tomatoes, and carrots-Storage and marketing procedures. 15 hours

Practical Syllabus

Certificate Course On Nursery and Gardening -2022-23

1. Preparation of soil for nursery
2. Seed structure, seed dormancy and breaking
3. Vegetative propagation
4. Types of green houses
5. Seed sowing/raising of seeds and seedlings


Principal,
G.P.Porwal Arts, Comm. &
V.V.Salimath Sc. College
& P. G. Centre, SINDAGI


HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDAGI - 586 128


Coordinator IQAC
G. P. PORWAL ARTS, COM
V.V.SALIMATH Sc. College
SINDAGI-586128

G.P.PORWAL ARTS, COMMERCE, AND V.V.SALIMATH SCIENCE
COLLEGE, SINDAGI-586128

Department of Botany

Notice

It is hereby informed to all the students of B.Sc.
V Semester that Certificate Course on Nursery and Gardening
will be commencing in our college from 1/12/2022. Hence
interested students may apply on or before 28 / 11 /2022.


HOD

Contact:

Prof. (Smt).S.S.Muttinpendimath

Prof. Jyoti Angadi


Coordinator IQAC
G. P. PORWAL ARTS, COM. &
V.V.SALIMATH Sc. College,
SINDGI-586128


HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Principal,
G.P.Porwal Arts, Comm. &
V V.Salimath Sc. College
& P. G. Centre, SINDAGI

**G.P.PORWAL ARTS, COMMERCE, AND V.V.SALIMATH SCIENCE
COLLEGE SINDAGI-586128**

Department of Botany
Certificate Course-Nursery and Gardening
THEORY AND PRACTICAL TIME TABLE: 2022-23

DAY	TIME		NAME OF THE FACULTY
	Theory	Practical	
Monday	3.00pm - 4.00pm		Prof.Smt.S.S.Muttinpendimath
Tuesday	3.00pm - 4.00pm		Prof.Smt.S.S.Muttinpendimath
Wednesday	3.00pm - 4.00pm		Prof: Jyoti Angadi
Thursday	3.00pm - 4.00pm		Prof:Jyoti Angadi
Friday		2.00pm - 5.00pm	3. Prof: Smt.S.S.Muttinpendimath
Saturday		2.00pm - 5.00pm	4. Prof: Jyoti Angadi

Date: 28 / 11 /2023


HOD


Coordinator IQAC

G. P. PORWAL ARTS, COM. &
V.V.SALIMATH Sc. College,
SINDGI-586128


HEAD

Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Principal,

G.P.Porwal Arts, Comm. &
V.V.Salimath Sc. College
& P. G. Centre, SINDAGI

**G P PORWAL ARTS, COMMERCE AND V. V .SALIMATH SCIENCE
COLLEGE, SINDAGI
Department of Botany
B Sc V SEM**

**List of students enrolled to Nursery and gardening
Certificate Course 2022-23**

Sl No.	Reg.No	Name of the Student
1	S2032402	AISHWARYA S HIEMATH
2	S2032407	AKSHAYKUMAR ANGADI
3	S2032408	AMBIKA
4	S2032410	ANIL PARAMANAND
5	S2032414	ARUNA TEGGELLI
6	S2032420	BHAGYA BIRADAR
7	S2032422	BHAGYASHREE ANAGOND
8	S2032430	BHAGYASHREE HATTARAKI
9	S2032434	BIBIALISHA S JUMNAL
10	S2032450	KASHIMSAB KHARJAGI
11	S2032454	KEERTI G TARAPUR
12	S2032466	NADAF NAJIAYA BABULAL
13	S2032467	NAGESH T RATHOD
14	S2032470	NELAMMA S MARASANALLI
15	S2032473	PAVANKUMAR KANNOLLI
16	S2032474	PAVITRA MAKASI
17	S2032485	PRIYADARSHINI SURPUR
18	S2032487	RADHIKA P KULAKARNI
19	S2032490	RAJESHWARI
20	S2032492	RANAJEET I CHAVHAN
21	S2032494	RAVITEJ PATIL

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

HEAD

Dept. of Botany

**G.P.P. & V.V.S. College
SINDGI - 586 128**

**Coordinator IOAC
G. P. PORWAL ARTS, COM. &**

Principal,

**G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI - 586 128**

22	S2032500	SAGAR
23	S2032503	SANA U HARASAGUNDAGI
24	S2032509	SANTOSH S KADAGAL
25	S2032515	SHANTAGOUDA
26	S2032516	SHARANABASU C ARALAGUNDAGI
27	S2032517	SHARAT G SURYAVANSHI
28	S2032521	SHIVARAJKUMAR
29	S2016277	SHREELAKSHMI B KALLUR
30	S2032526	SHWETA DEVANAGAV
31	S2032528	SIDDAMMA P WALIKAR
32	S2032537	SUHANA H
33	S2032541	SWATI S HARNAL
34	S2032550	VISHAL
35	S2032406	AKSHAY ANOOR.
36	S2032512	SHAILA DODAMANI
37	S2016277	SHREELAXMI KALLUR.

Suh

Suh

Suh

Shad

Shad

Shad

Shivraj

Shiv

Shweta

Shweta

Shweta

Shweta

Shweta

Shweta

Shweta

Shweta

SSM

HEAD

Dept. of Botany

G.P.P. & V.V.S. College
SINDGI - 586 128

SSM

Coordinator IQAC

G. P. PORWALARTS, COM. &
V.V.SALIMATH Sc. College,
SINDGI-586128

Principal,

G.P.Porwal Arts, Comm. &
V.Salimath Sc. College
P. G. Centre, SINDGI

**G.P.PORWAL ARTS, COMMERCE, AND V.V.SALIMATH SCIENCE
COLLEGE, SINDAGI-586128**
Department of Botany
Certificate Course –Nursery and Gardening

NOTICE

It is hereby informed to all the students of B.Sc V Sem who have enrolled for Certificate Course should attend Theory and Practical examination as per the following Time Table.

Time- Table for Theory and Practical Examination

Sl.No	Date	Time
THEORY	27/ 1 /2023	9.00-11.00am
PRACTICAL	Ist Batch - 30 / 1 /2023	9.00-12.00pm
	IInd Batch - 30 /1 /2023	1.00 - 4.00pm

Date: 21 / 1 /2023

SCM
HOD

SCM
Coordinator IQAC
G. P. PORWAL ARTS, COMM. &
V.V.SALIMATH Sc. College,
SINDGI-586128

SCM
HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128

D
Principal,
G.P.Porwal Arts, Comm. &
V.V.Salimath Sc. College
& P. G. Centre, SINDAGI

2022-23

STUDENT'S VISIT TO BABLESHWAR NURSERY




HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Coordinator IQAC
G. P. PORWAL ARTS, COM &
V. V. SALIMATH Sc. College
SINDGI - 586 128


Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128, College Code: 5734

2022-23

STUDENTS INVOLVED IN COLLECTION OF SOIL



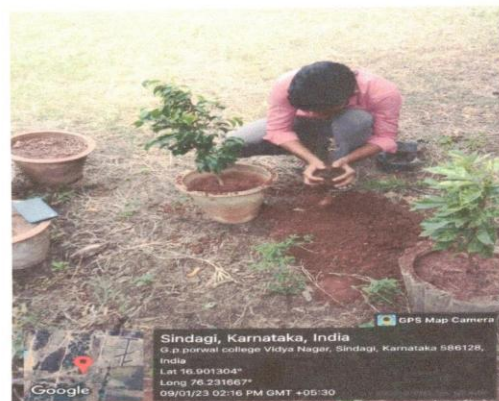

HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Coordinator IQAC
G. P. PORWAL ARTS, COM &
V. V. SALIMATH Sc. College,
SINDGI-586128.

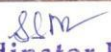

Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128, College Code-5731

2022-23

STUDENTS INVOLVED IN POTTING THE SAPLINGS




HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Coordinator IQAC
G. P. PORWAL ARTS, COM &
V. V. SALIMATH Sc. College,
SINDGI-586128.


Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128, College Code: 5234

**G.P.PORWAL ARTS, COMMERCE, AND V.V.SALIMATH SCIENCE
COLLEGE, SINDAGI-586128**

Department of Botany
Certificate Course-Nursery and Gardening
(B.Sc V Semester) 2022-23

QUESTION PAPER

Time: 2 Hrs

Max. Marks: 50

Answer any five of the followings:

10X5=50marks

1. Describe the objectives of Nursery.
2. Describe the process of sowing.
3. Describe the classification of Nurseries.
4. Describe the uses of green house for Nursery production.
5. Describe the process of pricking and Mention the important Components of Nursery.
6. Describe the vegetative propagation through Cutting, Grafting, Layering and Budding.


HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDAGI - 586 128


Coordinator IQAC
G. P. PORWAL ARTS, COM. &
V.V.SALIMATH Sc. College,
SINDAGI-586128


Principal
G.P.Porwal Arts, Comm.
V.V.Salimath Sc. College
& P. G. Centre, SINDAGI

**G P PORWAL ARTS, COMMERCE AND V. V .SALIMATH SCIENCE
COLLEGE, SINDAGI**

Department of Botany

Certificate Course –Nursery and Gardening

THEORY EXAMINATION ATTENDANCE 2022-23

Sl.No	Reg.No	Name of the students	SIGN
1	S2032402	AISHWARYA S HIREMATH	<i>Ash</i>
2	S2032407	AKSHAYKUMAR ANGADI	<i>Am</i>
3	S2032408	AMBIKA	<i>AB</i>
4	S2032410	ANIL PARAMANAND	<i>Anil</i>
5	S2032414	ARUNA TEGGELLI	<i>Aruna</i>
6	S2032420	BHAGYA BIRADAR	<i>Biradar</i>
7	S2032422	BHAGYASHREE ANAGOND	<i>Anagond</i>
8	S2032430	BHAGYASHREE HATTARAKI	<i>B.S.H</i>
9	S2032434	BIBIALISHA S JUMNAL	<i>Bib</i>
10	S2032450	KASHIMSAB KHARJAGI	<i>Kash</i>
11	S2032454	KEERTI G TARAPUR	<i>Keerti</i>
12	S2032466	NADAF NAJIAYA BABULAL	<i>Nadaf</i>
13	S2032467	NAGESH T RATHOD	<i>Nathod</i>
14	S2032470	NELAMMA S MARASANALLI	<i>Nelamma</i>
15	S2032473	PAVANKUMAR KANNOLLI	<i>Pav</i>
16	S2032474	PAVITRA MAKASI	<i>Pavitra</i>
17	S2032485	PRIYADARSHINI SURPUR	<i>Priya</i>
18	S2032487	RADHIKA P KULAKARNI	<i>Radhi</i>
19	S2032490	RAJESHWARI	<i>Rajesh</i>
20	S2032492	RANAJEET I CHAVHAN	<i>Ranaj</i>
21	S2032494	RAVITEJ PATIL	<i>Ravitej</i>
22	S2032500	SAGAR	<i>Sagar</i>
23	S2032503	SANA U HARASAGUNDAGI	<i>Sana</i>
24	S2032509	SANTOSH S KADAGAL	<i>Santosh</i>
25	S2032515	SHANTAGOUDA	<i>Shanta</i>
26	S2032516	SHARANABASU C ARALAGUNDAGI	<i>Sharan</i>
27	S2032517	SHARAT G SURYAVANSHI	<i>Sharat</i>
28	S2032521	SHIVARAJKUMAR	<i>Shivraj</i>
29	S2016277	SHREELAKSHMI B KALLUR	<i>Shreela</i>
30	S2032526	SHWETA DEVANAGAV	<i>Shweta</i>
31	S2032528	SIDDAMMA P WALIKAR	<i>Siddam</i>
32	S2032537	SUHANAH	<i>Suana</i>
33	S2032541	SWATI S HARNAL	<i>Swati</i>
34	S2032550	VISHAL	<i>Vishal</i>
35	S2032406	AKSHAY ANDOR	<i>Akshay</i>
36	S2032512	CHAILA DODAMANI	<i>Chaila</i>
37	S2016277	SHREELAXMI KALLUR	<i>Shreela</i>

Principal,
G.P.Porwal Arts, Comm. &
V.Salimath Sc. College
& P. G. Centre, SINDAGI

Coordinator IQAC
G. P. PORWAL ARTS, COMM. &
V.V.SALIMATH Sc. College,
SINDGI-586128

HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128

**G P PORWAL ARTS, COMMERCE AND V. V. SALIMATH SCIENCE
COLLEGE, SINDAGI**

**Department of Botany
Certificate Course –Nursery and Gardening
THEORY EXAMINATION ATTENDANCE 2022-23**

Sl.No	Reg.No	Name of the students	SIGN
1	S2032402	AISHWARYA S HIREMATH	<i>Aishwarya</i>
2	S2032407	AKSHAYKUMAR ANGADI	<i>Akshay</i>
3	S2032408	AMBIKA	<i>Ambika</i>
4	S2032410	ANIL PARAMANAND	<i>Anil</i>
5	S2032414	ARUNA TEGGELLI	<i>Aruna</i>
6	S2032420	BHAGYA BIRADAR	<i>Bhagya</i>
7	S2032422	BHAGYASHREE ANAGOND	<i>Bhagya</i>
8	S2032430	BHAGYASHREE HATTARAKI	<i>B. S. Hattarakki</i>
9	S2032434	BIBIALISHA S JUMNAL	<i>Bibialisha</i>
10	S2032450	KASHIMSAB KHARJAGI	<i>Kashimsab</i>
11	S2032454	KEERTI G TARAPUR	<i>Keerti</i>
12	S2032466	NADAF NAJIAYA BABULAL	<i>Nadaf</i>
13	S2032467	NAGESH T RATHOD	<i>Nagesh</i>
14	S2032470	NELAMMA S MARASANALLI	<i>Nelamma</i>
15	S2032473	PAVANKUMAR KANNOLLI	<i>Pavankumar</i>
16	S2032474	PAVITRA MAKASI	<i>Pavitra</i>
17	S2032485	PRIYADARSHINI SURPUR	<i>Priyadarshini</i>
18	S2032487	RADHIKA P KULAKARNI	<i>Radhika</i>
19	S2032490	RAJESHWARI	<i>Rajeshwari</i>
20	S2032492	RANAJEET I CHAVHAN	<i>Ranajeet</i>
21	S2032494	RAVITEJ PATIL	<i>Ravitej</i>
22	S2032500	SAGAR	<i>Sagar</i>
23	S2032503	SANA U HARASAGUNDAGI	<i>Sana</i>
24	S2032509	SANTOSH S KADAGAL	<i>Santosh</i>
25	S2032515	SHANTAGOUDA	<i>Shantagouda</i>
26	S2032516	SHARANABASU C ARALAGUNDAGI	<i>Sharanabasu</i>
27	S2032517	SHARAT G SURYAVANSHI	<i>Sharat</i>
28	S2032521	SHIVARAJKUMAR	<i>Shivraj</i>
29	S2016277	SHREELAKSHMI B KALLUR	<i>Shreelakshmi</i>
30	S2032526	SHWETA DEVANAGAV	<i>Shweta</i>
31	S2032528	SIDDAMMA P WALIKAR	<i>Siddamma</i>
32	S2032537	SUHAN H	<i>Suhana</i>
33	S2032541	SWATI S HARNAL	<i>Swati</i>
34	S2032550	VISHAL	<i>Vishal</i>
35	S2032406	AKSHAY ANJUR	<i>Akshay</i>
36	S2032512	SHAILA DODAMANI	<i>Shaila</i>
37	S2016277	SHREELAKSHMI KALLUR	<i>Shreelakshmi</i>

HEAD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128

Chairperson IQAC

Coordinator IQAC
G. P. PORWAL ARTS, COM. &
V.V.SALIMATH Sc. College,
SINDGI-586128

**G P PORWAL ARTS, COMMERCE AND V. V. SALIMATH SCIENCE
COLLEGE, SINDAGI**

**Department of Botany
Certificate Course –Nursery and Gardening
PRACTICAL EXAMINATION ATTENDANCE 2022-23**

Sl.No	Reg.No	Name of the students	SIGN
1	S2032402	AISHWARYA S HIREMATH	<i>Aish</i>
2	S2032407	AKSHAYKUMAR ANGADI	<i>Angadi</i>
3	S2032408	AMBIKA	<i>Ambika</i>
4	S2032410	ANIL PARAMANAND	<i>Anil</i>
5	S2032414	ARUNA TEGGELLI	<i>Aruna</i>
6	S2032420	BHAGYA BIRADAR	<i>Biradar</i>
7	S2032422	BHAGYASHREE ANAGOND	<i>Bhagya</i>
8	S2032430	BHAGYASHREE HATTARAKI	<i>Bhagya</i>
9	S2032434	BIBIALISHA S JUMNAL	<i>Bibiali</i>
10	S2032450	KASHIMSAB KHARJAGI	<i>Kashim</i>
11	S2032454	KEERTI G TARAPUR	<i>Keerti</i>
12	S2032466	NADAF NAJIAYA BABULAL	<i>Nadaf</i>
13	S2032467	NAGESH T RATHOD	<i>Nagesh</i>
14	S2032470	NELAMMA S MARASANALLI	<i>Nelamma</i>
15	S2032473	PAVANKUMAR KANNOLLI	<i>Pavankumar</i>
16	S2032474	PAVITRA MAKASI	<i>Pavitra</i>
17	S2032485	PRIYADARSHINI SURPUR	<i>Priyadarshini</i>
18	S2032487	RADHIKA P KULAKARNI	<i>Radhika</i>
19	S2032490	RAJESHWARI	<i>Rajeshwari</i>
20	S2032492	RANAJEET I CHAVHAN	<i>Rana</i>
21	S2032494	RAVITEJ PATIL	<i>Ravitej</i>
22	S2032500	SAGAR	<i>Sagar</i>
23	S2032503	SANA U HARASAGUNDAGI	<i>Sana</i>
24	S2032509	SANTOSH S KADAGAL	<i>Santosh</i>
25	S2032515	SHANTAGOUDA	<i>Shantagouda</i>
26	S2032516	SHARANABASU C ARALAGUNDAGI	<i>Sharanabasu</i>
27	S2032517	SHARAT G SURYAVANSHI	<i>Sharat</i>
28	S2032521	SHIVARAJKUMAR	<i>Shivraj</i>
29	S2016277	SHREELAKSHMI B KALLUR	<i>Shreelakshmi</i>
30	S2032526	SHWETA DEVANAGAV	<i>Shweta</i>
31	S2032528	SIDDAMMA P WALIKAR	<i>Siddamma</i>
32	S2032537	SUHAN H	<i>Suhana</i>
33	S2032541	SWATI S HARNAL	<i>Swati</i>
34	S2032550	VISHAL	<i>Vishal</i>
35	S2032404	AKSHAY ANBOD	<i>Akshay</i>
36	S2032512	SHAILA DODAMANI	<i>Shaila</i>
37	S2016277	SHREELAKSHMI KALLUR	<i>Shreelakshmi</i>

SSM
HEAD

**Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128**

SSM
Chairperson IQAC

SSM
HOD

SSM
**Coordinator IQAC
G. P. PORWAL ARTS, COM. &
V.V.SALIMATH Sc. College,
SINDGI-586128**

**G P PORWAL ARTS, COMMERCE AND V. V. SALIMATH SCIENCE COLLEGE
SINDAGI**

**Department of Botany
Certificate Course (Nursery and Gardening))
Statement of marks 2022-23)**

Sl. No	Reg.No	Name of the students	Class	Theory (50 Mrks)	Practical (50 Mrks)	Remark	SIGN
1	S2032402	AISHWARYA.S HIREMATH	B. Sc.V Sem	44	43	Pass	<i>Adh</i>
2	S2032407	AKSHAYKUMAR ANGADI	B. Sc.V Sem	44	44	Pass	<i>Adh</i>
3	S2032408	AMBIKA	B. Sc.V Sem	47	44	Pass	<i>Adh</i>
4	S2032410	ANIL PARAMANAND	B. Sc.V Sem	45	40	Pass	<i>Adh</i>
5	S2032414	ARUNA TEGGELLI	B. Sc.V Sem	46	40	Pass	<i>Adh</i>
6	S2032420	BHAGYA BIRADAR	B. Sc.V Sem	46	42	Pass	<i>Adh</i>
7	S2032422	BHAGYASHREE ANAGOND	B. Sc.V Sem	46	43	Pass	<i>Adh</i>
8	S2032430	BHAGYASHREE HATTARAKI	B. Sc.V Sem	47	46	Pass	<i>Adh</i>
9	S2032434	BIBIALISHA S JUMNAL	B. Sc.V Sem	46	46	Pass	<i>Adh</i>
10	S2032450	KASHIMSAB KHARJAGI	B. Sc.V Sem	44	43	Pass	<i>Adh</i>
11	S2032454	KEERTI G TARAPUR	B. Sc.V Sem	44	42	Pass	<i>Adh</i>
12	S2032466	NADAF.NAJIAYA BABULAL	B. Sc.V Sem	47	45	Pass	<i>Adh</i>
13	S2032467	NAGESH T RATHOD	B. Sc.V Sem	47	45	Pass	<i>Adh</i>
14	S2032470	NELAMMA.S MARASANALLI	B. Sc.V Sem	46	45	Pass	<i>Adh</i>
15	S2032473	PAVANKUMAR KANNOLLI	B. Sc.V Sem	43	41	Pass	<i>Adh</i>
16	S2032474	PAVITRA .MAKASI	B. Sc.V Sem	46	44	Pass	<i>Adh</i>
17	S2032485	PRIYADARSHINI. SURPUR	B. Sc.V Sem	47	46	Pass	<i>Adh</i>
18	S2032487	RADHIKA P KULAKARNI	B. Sc.V Sem	46	45	Pass	<i>Adh</i>
19	S2032490	RAJESHWARI	B. Sc.V Sem	47	45	Pass	<i>Adh</i>
20	S2032492	RANAJEET I CHAVHAN	B. Sc.V Sem	40	42	Pass	<i>Adh</i>
21	S2032494	RAVITEJ PATIL	B. Sc.V Sem	44	41	Pass	<i>Adh</i>
22	S2032500	SAGAR	B. Sc.V Sem	46	44	Pass	<i>Adh</i>
23	S2032503	SANA.U HARASAGUNDAGI	B. Sc.V Sem	47	46	Pass	<i>Adh</i>
24	S2032509	SANTOSH S KADAGAL	B. Sc.V Sem	45	41	Pass	<i>Adh</i>
25	S2032515	SHANTAGOUDA	B. Sc.V Sem	45	42	Pass	<i>Adh</i>
26	S2032516	SHARANABASU.C ARALAGUNDAGI	B. Sc.V Sem	40	40	Pass	<i>Adh</i>
27	S2032517	SHARAT.G SURYAVANSHI	B. Sc.V Sem	45	41	Pass	<i>Adh</i>
28	S2032521	SHIVARAJKUMAR	B. Sc.V Sem	45	42	Pass	<i>Adh</i>
29	S2016277	SHREELAKSHMI B KALLUR	B. Sc.V Sem	47	44	Pass	<i>Adh</i>
30	S2032526	SHWETA DEVANAGAV	B. Sc.V Sem	46	46	Pass	<i>Adh</i>
31	S2032528	SIDDAMMA P WALIKAR	B. Sc.V Sem	46	43	Pass	<i>Adh</i>
32	S2032537	SUHANA H	B. Sc.V Sem	40	40	Pass	<i>Adh</i>
33	S2032541	SWATI. S HARNAL	B. Sc.V Sem	46	46	Pass	<i>Adh</i>
34	S2032550	VISHAL	B. Sc.V Sem	45	43	Pass	<i>Adh</i>
35	S2032486	BECHAY ANKUR	B. Sc.V Sem	43	41	Pass	<i>Adh</i>
36	S2032512	SHAILA DODAMANE	B. Sc.V Sem	43	43	Pass	<i>Adh</i>
37	S2016277	SHREELAXMI KALLUR	B. Sc.V Sem	47	45	Pass	<i>Adh</i>

HEAD
Dept. of Botany
G.P.P & V.V.S. College
SINDGI - 586 128

Chairperson IQAC

HOD
Coordinator IQAC
G. P. PORWAL ARTS, COM. &
V.V.SALIMATH Sc. College.

**G P PORWAL ARTS, COMMERCE AND V. V. SALIMATH SCIENCE
COLLEGE, SINDAGI**

**Department of Botany
Certificate Course -Nursery and Gardening - 2022-23
Practical Attendance**

Sl. No	Reg.No	Name of the students	9/12/22	10/12/22	16/12/22	23/12/22	30/12/22	7/1/23
1	S2032402	AISHWARYA S SHIREMATH	P	P	P	P	P	P
2	S2032407	AKSHAYKUMAR ANGADI	P	P	P	P	P	P
3	S2032408	AMBIKA	P	P	P	P	P	P
4	S2032410	ANIL PARAMANAND	P	P	P	P	P	P
5	S2032414	ARUNA TEGGELLI	P	P	P	P	P	P
6	S2032420	BHAGYA BIRADAR	P	P	P	P	P	P
7	S2032422	BHAGYASHREE ANAGOND	P	P	P	P	P	P
8	S2032430	BHAGYASHREE HATTARAKI	P	P	P	P	P	P
9	S2032434	BIBIALISHA S JUMNAL	P	P	P	P	P	P
10	S2032450	KASHIMSAB KHARJAGI	P	P	P	P	P	P
11	S2032454	KEERTI G TARAPUR	P	P	P	P	P	P
12	S2032466	NADAF NAJIAYA BABULAL	P	P	P	P	P	P
13	S2032467	NAGESH T RATHOD	P	P	P	P	P	P
14	S2032470	NELAMMA S MARASANALLI	P	P	P	P	P	P
15	S2032473	PAVANKUMAR KANNOLLI	P	P	P	P	P	P
16	S2032474	PAVITRA MAKASI	P	P	P	P	P	P
17	S2032485	PRIYADARSHINI SURPUR	P	P	P	P	P	P
18	S2032487	RADHIKA P KULAKARNI	P	P	P	P	P	P
19	S2032490	RAJESHWARI	P	P	P	P	P	P
20	S2032492	RANAJEET I CHAVHAN	P	P	P	P	P	P
21	S2032494	RAVITEJ PATIL	P	P	P	P	P	P
22	S2032500	SAGAR	P	P	P	P	P	P
23	S2032503	SANA U HARASAGUNDAGI	P	P	P	P	P	P
24	S2032509	SANTOSH S KADAGAL	P	P	P	P	P	P
25	S2032515	SHANTAGOUDA	P	P	P	P	P	P
26	S2032516	SHARANABASU C ARALAGUNDAGI	P	P	P	P	P	P
27	S2032517	SHARAT G SURYAVANSHI	P	P	P	P	P	P
28	S2032521	SHIVARAJKUMAR	P	P	P	P	P	P
29	S2016277	SHREELAKSHMI B KALLUR	P	P	P	P	P	P
30	S2032526	SHWETA DEVANAGAV	P	P	P	P	P	P
31	S2032528	SIDDAMMA P WALIKAR	P	P	P	P	P	P
32	S2032537	SUHANA H	P	P	P	P	P	P
33	S2032541	SWATI S HARNAL	P	P	P	P	P	P
34	S2032550	VISHAL	P	P	P	P	P	P
45	S2032406	AKSHAY ANOOR	P	P	P	P	P	P
46	S2032512	SHAILA DODAMANI	P	P	P	P	P	P
47	S2016277	SHREELAKSHMI KALLUR	P	P	P	P	P	P

HEAO
Dept. of Botany
G. P. & V.V.S. College
SINDAGI - 586 128

Chairperson IQAC

HOD
Coordinator IQAC
G. P. PORWAL ARTS, COM.
V.V.SALIMATH Sc. College
SINDAGI-586128

G.P. PORWAL ARTS, COMMERCE & V.V. SALIMATH SCIENCE COLLEGE, SINDGI – 586 128.

G.P. PORWAL ARTS, COMMERCE & V.V. SALIMATH SCIENCE COLLEGE, SINDGI - 585 420.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
B.Sc.V Sem			YEAR: 2022-23															Subject : Botany - Certificate Course																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Sl No	Reg No	Student Name	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	2 S203402	ASHIKARYA SHYANAND HEMRATH	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R

Dept. of Botany
G.P.P. & V.V.S. College

Page 1

Principal,
Poona Arts, Comm. &
Salimath Sc. College,

Sr. No.	Reg No.	Student Name	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
19	52032485	PRITYADARSHINI SURPUR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	52032487	KADHICA RAMRAO ALKARANET	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	52032490	RAKESHWAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	52032492	ANARETTI CHAHMAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	52032494	RAVITEJ PATEL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	52032500	SAGAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	52032503	SAHA UMABABU HASRAGUNDGI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	52032509	SANTOSH SHIVNANO KADAGOL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	52032512	SHAILA DODDAMANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	52032515	SHANTAGOUDA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	52032516	SHARANABASU CHANABASAPPA CHANABASAPPA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	52032517	SHARAT GOVIND SHIRAVANGSHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	52032521	SHIVRAJUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	52032526	SHWETA DEVANAGAV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	52032528	SIDDHAMMA PHAKEERAPPA VALIKAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	52032537	SUHANNA H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	52032541	SWATI SHIVNANO NARNAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	52032550	VISHAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
37	52016277	SHIRAJINI KALLUR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128

Co-ordinator IQAC
G. P. Porwal Arts, Comm. Page 2, Salimath
Science College, 175-186/178, Dnyanesh

Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Code: 5234

STUDENT'S NAME AKSHAY KUMAR M.
 CLASS
 ROLL NO. 22032407

SUBJECT
 DATE



1) Describe the objective of Nursery?

our objectives are:-

- * The need forest nurseries emphasizes an important difference b/w agriculture and forestry
- * The farmer sowing the seeds where his crop is to grow
- * The forester in most cases sows seeds and raises seedlings in a nursery and then plants them on land to be afforested.

Nursery is:-

- * Nursery is defined as an area where plants are raised for eventual planting out
- * It comprises of nursery beds, paths irrigated channels etc
- * Nursery bed is defined as a prepared area in a nursery where seed is sown or into which seedlings

PRINCIPAL,
 SINDAGI

STUDENT'S NAME		TOTAL MARKS OBTAINED
CLASS	SUBJECT	
ROLL NO.	DATE	

2) Describe the Process of Sowing

* Sowing is a Process of Planting seeds into the Soil

* During this agricultural Process Proper precautions should be taken, including the appropriate depth.

* Proper distance maintained, and Soil should be clean, healthy & free from diseases & other Pathogens including the fungus

* All these precautions are essential for seed germination the process of seeds developing into new Plants.

* Agricultural Processes involve sowing

* Soil is prepared for planting seeds in the soil.

* By plowing the soil gets looser

* It increases the Absorption of water & manures

PRINCIPAL,

Sona Roopa

STUDENT'S NAME		TOTAL MARKS OBTAINED
CLASS	SUBJECT	
ROLL NO.	DATE	

3) Describe the Classification of Nurseries

- 24.

* **Fruit Plant Nurseries:** - In this nursery seedlings and grafts of fruit crops are developed.

* **Vegetable Nurseries:**

In this nursery seedlings of cauliflower, cabbage, brinjal and tomato are prepared.

* **Flowers Plants Nurseries (ornamental plant nurseries)** The seedlings of flowering plants like gerbera, carnation, petunia, scilla, rose, aster, dianthus are developed in this nurseries.

* **Forest nurseries:** - The seedling of plants useful for forestation like pine, oak, teak, casuarina are prepared and sold.

* **Miscellaneous nurseries:** - In such type of nurseries plants with great economic value like rose & medicinal herbs are propagated. In this nursery plants like rose, chendama & are propagated.

Sona Roopa

STUDENT'S NAME		TOTAL MARKS OBTAINED
CLASS	SUBJECT	
ROLL NO.	DATE	

4) Describe the uses of green house for nursery Production?

* Green houses allow for greater control over the growing environment of Plants.

* Depending upon the technical specification of a green house key factors which may be controlled include temperature

* levels of light and shade, irrigation, fertilizer application & atmospheric humidity.

* Green house are often used for growing flowers, Vegetables, fruits & transplants.

* Special greenhouse varieties of certain crops, such as tomatoes, are generally used for commercial Production.

* Many Vegetables & flowers can be grown in green house in late winter & early spring & then transplanted outside as the weather warms.

PRINCIPAL

Sona Roopa

STUDENT'S NAME		TOTAL MARKS OBTAINED
CLASS	SUBJECT	
ROLL NO.	DATE	

5) Describe the 'Vegetative propagation through cutting'.

Cutting :-

In this a part of plant, specifically a stem or leaf is cut and planted in the soil.

* These cutting are sometimes treated with hormones to induce root development.

* The new plant is formed from the adventitious roots developing from the cutting.

Grafting :-

In this the cutting from some other plant is attached to the stem of a plant rooted in the ground.

* The tissues of the graft become integrated with the tissue of the rooted plant & develop as a single plant over time.

Layering :-

In this the stem of the plant is bent to the ground and covered with soil.

* Adventitious roots emerge from the part of the stem covered with the soil.

PRINCIPAL, Sona Roona



SPVVS'S

**G. P. Porwal Arts, Commerce & V. V. Salimath Science
College, Sindgi- 586 128**

Dist: Vijayapur

State: Karnataka

(Accredited 'B' Grade by NAAC)

(Affiliated to Rani Channamma University, Belagavi)

IQAC Initiative

CERTIFICATE

This is to certify that Kumar/ Kumari.....
of B.Sc V SEM has successfully completed **Certificate Course** on "NURSERY AND
GARDENING" conducted by department of **BOTANY** during the academic year 2022-23.


HOD
Dept. of Botany
G.P.P. & V.V.S. College
SINDGI - 586 128


Co-ordinator IQAC
G. P. Porwal Arts, Commerce & V. V. Salimath
Science College, Sindgi-586128, Dt.Vijayapur


Principal
G. P. Porwal Arts, Commerce & V. V. Salimath
Science College, Sindgi-586128, Dt.Vijayapur

2022-23

VALIDICTORY FUNCTION AND CERTIFICATE DISTRIBUTION OF
CERTIFICATE COURSE

"NURSERY AND GARDENING"



SEM
HEAD
Dept. of Botany
G. P. P. & V. V. S. College
SINDGI - 586 128

15/01/23
Coordinator IQAC
G. P. PORWAL ARTS, COM &
V. V. SALIMATH Sc. College,
SINDGI-586128.

Principal
Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Code: 5234