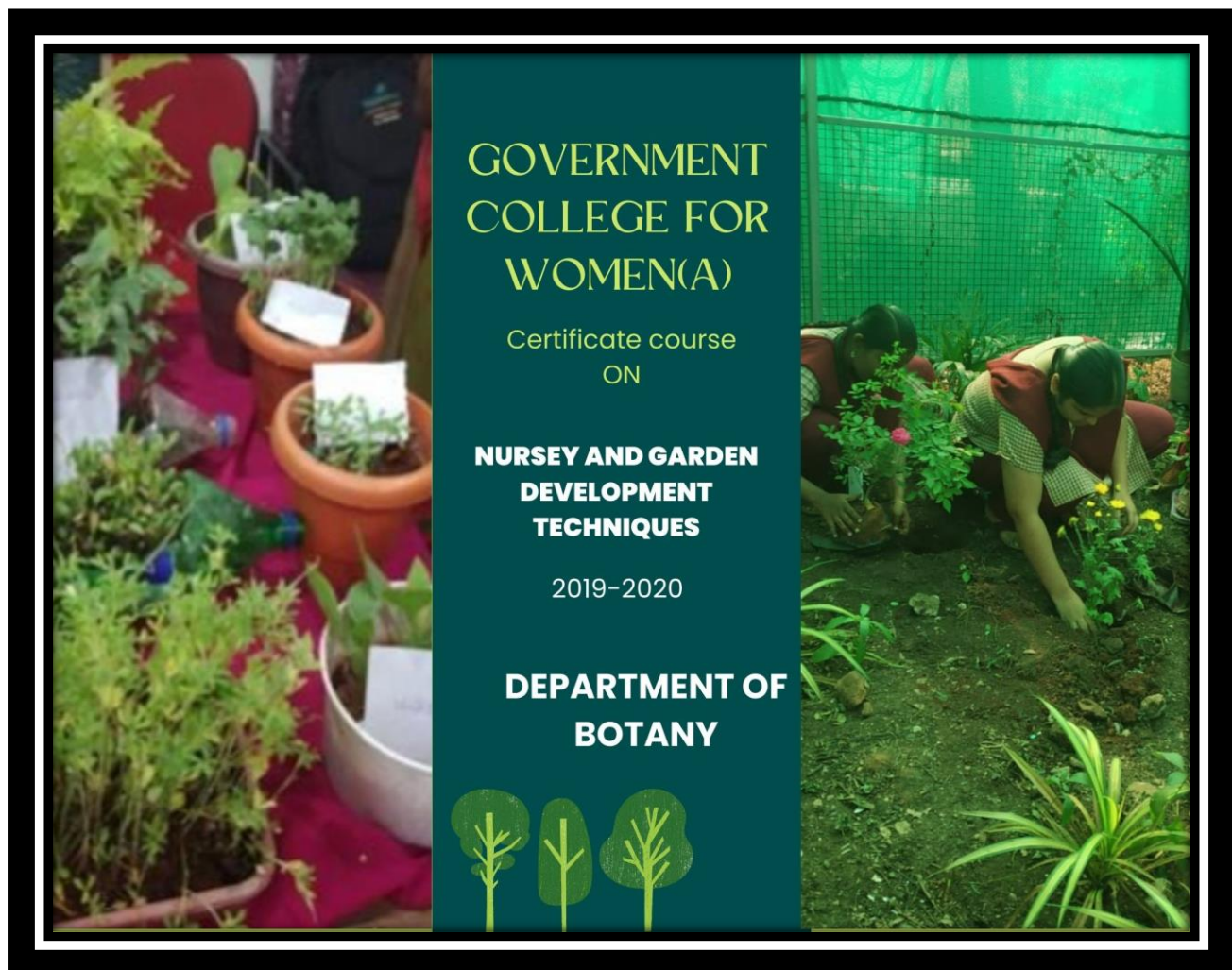


**CERTIFICATE COURSE IN NURSERY AND GARDEN
DEVELOPMENT TECHNIQUES**

2019-20

DEPARTMENT OF BOTANY



GOVERNMENT COLLEGE FOR WOMEN (A) GUNTUR

DEPARTMENT OF BOTANY

CIRCULAR

All the Second and Final years student of all Streams students are informed that the department of Botany is conducting a certificate course in Nursery and Garden Development Techniques scheduled from November 25, 2019 to January 27, 2020.

Course Details:

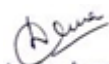
Duration :30 hours

No of Seats : 200 (In 4 Batches)

Course details : 9am - 10 am and 4pm-5pm

Maximum Credits: 2 Credits

Interested Students may consult in the department of Botany for further details



Signature of the
Course coordinator



Signature of HOD
HEAD OF THE DEPARTMENT
DEPT. OF BOTANY
GOVT. COLLEGE FOR WOMEN (A)
GUNTUR-522 001, A.P.



Signature of the principal

Syllabus for Certificate Course on Nursery & Garden Development Techniques

Total hours of teaching & practical - 30 hrs @ 3 hrs per week

1. Introduction to Horticulture:

- Overview of horticulture and its significance
- Basic principles of plant growth and development
- Introduction to different types of gardens and nurseries

2. Plant Selection and Propagation:

- Understanding plant types and their requirements
- Techniques of plant propagation (seeds, cuttings, grafting, etc.)
- Factors influencing successful propagation

3. Soil Management and Fertilization:

- Soil composition and structure
- Soil fertility and nutrient management
- Techniques for soil improvement and composting

4. Watering and Irrigation:

- Importance of water in plant growth
- Different irrigation methods and their applications
- Water conservation techniques in nursery and garden settings

5. Pest and Disease Management:

- Identification of common pests and diseases
- Integrated pest management (IPM) strategies
- Safe and effective pesticide application

6. Garden Design and Layout:

- Principles of garden design
- Layout considerations based on site conditions and plant requirements
- Incorporating aesthetic elements such as color, texture, and form

7. Plant Care and Maintenance:

- Pruning techniques for various plant types
- Soil maintenance and mulching

- Seasonal maintenance tasks for optimal plant health

8. Greenhouse Management (Optional):

- Introduction to greenhouse structures and equipment
- Temperature, humidity, and ventilation control
- Growing specialty plants in controlled environments

9. Business and Marketing Aspects (O

- Basics of nursery business management
- Marketing strategies for selling plants and garden services
- Legal considerations and regulations for nursery operations

10. Practical Workshops and Field Visits:

- Hands-on experience in plant propagation techniques
- Field trips to nurseries and gardens for real-world exposure
- Group projects to design and develop a garden space

11. Final Project:

- Participants design and implement a garden or nursery project under supervision, showcasing the skills and knowledge gained during the course.

Aims and Objectives:

- 1 Efficient propagation methods.
- 2 Soil improvement and nutrient management.
- 3 Pest and disease control in Nursery Plants
- 4 Water conservation and irrigation strategies.
5. Selection of appropriate plant species for the desired purpose and environment.
- 6.Landscape design and aesthetic enhancement.

Inauguration of certificate course

The Department of Botany has initiated a certificate course titled "Gardening and Nursery Development Techniques" targeted at third-year and second-year students across all disciplines. The course has attracted approximately 250 enrollees. The inaugural session took place on November 25, 2019, led by the acting Principal, Dr. Ch. Pulla Reddy, who emphasized the significance of nursery development and gardening in today's environmental scenario. Mrs. D. Uma Nischal provided an overview of the course curriculum, while the Head of the Department, Dr. Ch. Bhaskar, highlighted the importance of this certificate course in combating global warming and pollution. Additionally, faculty members from the Microbiology Department participated in a planting program conducted by the students. This course aims to equip students with the skills to cultivate home gardens, offering a practical solution to mitigate the impact of rising vegetable prices.



Students Exhibiting the Exhibits



Rangoli with flowers



Flower Vases

Fruit and vegetables carving



Innovative methods of gardening



Green House

Certificates Distribution by RJD Dr.Velaga Joshi



Plantation in waste bottles & trays



Observation of different Exhibits by RJD & Principal

Outcomes of Certificate Course

Unit 1: Nursery

- **Understanding of Nursery Fundamentals:** Gain a foundational understanding of nurseries, including their definition, objectives, and scope.
- **Skills in Planting Techniques:** Learn both direct seeding and transplant techniques for establishing plants.

Unit 2: Seed

- **Knowledge of Seed Biology:** Understand the structure and types of seeds, including the phenomena of seed dormancy, its causes, and methods to overcome it.
- **Seed Conservation and Production:** Acquire skills in seed storage and managing seed banks, understand factors affecting seed viability, genetic erosion, and learn about seed production technology including seed testing and certification.

Unit 3: Vegetative Propagation

- **Techniques in Vegetative Propagation:** Master vegetative propagation techniques such as air layering and cutting, including selecting and treating cuttings, choosing the right rooting medium, and hardening of plants.
- **Greenhouse Management:** Learn about different types of greenhouses and their uses, including mist chambers, shed roots, shade houses, and glass houses.

Unit 4: Gardening

- **Foundational Gardening Knowledge:** Understand the definition, objectives, and scope of gardening, including the various types of gardening.
- **Gardening Skills:** Learn landscape and home gardening, including design and plant material selection, computer applications in landscaping, soil layering, manuring, watering, pest and disease management, and harvesting.

Unit 5: Sowing/Raising of Seeds and Seedlings

- **Cultivation Techniques:** Acquire practical skills in sowing/raising seeds and seedlings, and transplanting seedlings.
- **Specific Vegetable Cultivation:** Study the cultivation, storage, and marketing procedures for various vegetables like cabbage, brinjal, lady's finger, onion, garlic, tomatoes, and carrots.

By the end of the course, participants are expected to have acquired a solid foundation in nursery management, seed science, vegetative propagation, and gardening principles, alongside practical skills in planting, propagation, gardening operations, and vegetable cultivation. This knowledge and skill set will enable participants to effectively manage nurseries and gardens, contribute to conservation efforts, and potentially pursue careers in horticulture and related fields.

EXHIBITION ON NURSERY AND GARDEN DEVELOPMENT TECHNIQUES



Floral Art by Students



Inaugural Session



Convener Smt. D. Uma addressing the gathering



Student contingent of certificate course



RJD and Principal GCW(A) at the exhibition



Interaction of faculty members with the students at the exhibition



Various exhibits at the exhibition



Innovative methods



Resource person addressing the gathering



Student Reflection on certificate course



Distribution of certificates by RJD



Students participated in the exhibition

Nursery & Garden Development Techniques certificate course students list 2019-20

S.No.	Name of the student	Group
1	K.Amarthya	III B.Sc BZC-C ₁
2	V.KrishnaVeni	II B.Sc-MBC
3	K. Keerthana	II B.Sc-MBC-B1
4	K. Gayatri	II B.Com-Banking
5	V. SaiPravallika	II B.Com-Computer
6	P.Madhavi	II B.Com –CS
7	E.Bhavani	II B.Sc-BZC-C2
8	M.Balanagalakshmi	II B.Com-Computer
9	N.Hepsi Rani	II B.Com-Computer
10	K.Kokila	II B.Com
11	Sk.Roshnara	III.B.SC BZC-C ₁

12	P.NagaSai	II BA FE
13	G. Rajani	II B.Sc MPC
14	A.J.V.D.Swathi	II B.Com-computer
15	P.Saraswarthi	I B.Com – G
16	V.Triveni	II B.Sc-MPC
17	Sk. Kareema	I B.Com –General
18	T.Nagamani	I B.Sc – MPC
19	D.LakshmiKaveri	II B.A FE
20	D.Kavya	I B.Com-general
21	Mirz.SumayyaTasneem	II B.SC
22	M.Kalayani	I B.Sc-MPC
23	A.LakshmiBai	III B.Sc-MZC-B ₂
24	P.Nagurbi	III B.Sc-MCSMM
25	D. SathyaPriya	II B.Sc-MPCS
26	S.Priyanka	II B.Sc-MPCS
27	G.Bhargavi Rani	II B.Com-CS
28	N.Prameela	II B.Sc MPC
29	M.NagamaniBai	IIB.Sc-MZC
30	P.Danamma	III B.SC – MBC
31	Mounika	II B.com-computer
32	P.Anusha	II B.SC A2
33	G.Pravallika	II B.Com-computer
34	Sk.Nasreen	II B.Sc-MPCS
35	K.SainagaSupriya	II B.Sc BZC
36	G.Anusha	II B.Sc MPC
37	Sk.Rashida	II BZC Bc

38	P.Vasanth	II B.SC.MESS
39	N.Jerusha	III BSC B1
40	M.Padmaja Reddy	III B.Sc MPCS
41	G.Kotamma	II B.Com
42	N.Neelema	II B.Com B.F
43	G.Anusha	II B.Com-Bank
44	N.Srividya	III B.Com
45	P.Sirisha	II B.Com
46	K.Rupadevi	II B.Com-Bank
47	A.Vennela	II B.Com-Bank
48	K.Surekha	II B.Com-Bank
49	B.AshaJyothi	II B.Com-Bank
50	M.Sandhya	II B.Com-Bank
51	CH.Nandini	II B.A-EE
52	Y.Sruthi	II B.Sc BZC
53	V.Jyothsna	II B.Sc MPC
54	K.Catharin	II B.Sc MPC
55	V.Merry	II B.Sc MPC
56	G.Bharghavi	II B.Sc MPC
57	A.V.S.N.S.S.Swathi	II B.Com Computer
58	V.Amulya	III B.Sc – BZC
59	G.Sudha Rani	II B.Sc-MPC
60	V.Nagalakshmi	II BA-EE
61	Ch.Vandhana	II B.Sc-MPCS
62	M,Meghana	II B.Sc-BZC
63	B .Ternai	III BSC – BZC

64	B.NagaLakshmi	III B.Sc-BZC
65	D.Teja	III B.Com-computer
66	SD.Roshnara	II B.Com –G
67	D.LakshmiKumari	II B.Sc MSCS
68	Sk.NaziyaTabassum	II B.Com G
69	K.Mithya	III BSC-BZC
70	Y.Kasthuri	II B.Sc MECS
71	Sk.Shabana	III B.SC MBC
72	R.SaraswathiBai	II B.Sc MZC
73	Sk. Reshma	II B.Com-CS
74	R.Anusha	III B.SC – MSCS
75	K.NavyaSree	II B.Sc-MPCS
76	P.Priyanka	II B.Com-computer
77	J.KrishnaVeni	II B.Com
78	J.Tejasree	II B.Sc-MPCS
79	Sk.Khazabi	II B.Sc-MPCS
80	M.Lavanya	II B.Com
81	J.Yesu Rani	II B.Sc MPC
82	K.Sukanya	II B.SC MBC
83	S.RathnaKumari	II B.Sc MECS
84	Sk.Bushrafirdos	II B.SC-MCSMM
85	Sk.Shabeen Begum	II B.Sc M CCS
86	K.Bulakshmi	II B.SC MPCS
87	P.PavaniBramarambha	II B.SC MPCS
88	M.Mangamma	II B.SC MSCS
89	S.Suneetha	II B.SC MPCS

90	P.V.S.L.Prasanthi	II B.SC MBC
91	Sk.Shaheen	II B.SC MPC
92	N.Rajeshwari	II B.Com-CS
93	G.V.SaiParimala	II B.SC MBC
94	V.Adhilakshmi	II B.Sc MPCS
95	K.SwarnaLatha	II B.Sc MSCS
96	B.MercyAmrutha	II B.Sc MZC
97	U.SivaKumari	II B.SC MPC
98	P.GnanaPraveena	II B.Com- comp
99	R.Parvathi	II B.Sc.BZC
100	T.Veeramma	II B.A FE
101	Sk. Jereena	II B.Com-G
102	P.Meghana	II B.com
103	J.Komali	II B.Com
104	B.Venkamahalakshmi	II B.Com
105	D. Sowjanya	II B.Com
106	B.Swetha	II B.Com
107	M.Ramadevi	II B.Sc + MUL+
108	R. Adhi Lakshmi	II B.Com-Bank
109	Y.Ramadevi	II B.com
110	B.Asha	II B.Com-G
111	T.Pravallika	I B.Sc-MPC
112	T.Sireesha	II B.Sc MPC
113	B.Yeshodha	II B.Com
114	N.NagaMounika	I B.Sc-MNPC
115	T.Veeneetha	II B.Sc

116	VF.Vasantha	II B.Com-computer
117	M.Byula	II B.Com-computer
118	D.Pavithra	III B.Sc. BZC
119	V.Glory	III B.Sc BZC
120	T.Parameshwari	II B.Com
121	T.Sujatha	II B.Sc BZC
122	M.VeneelaBai	III B.Sc BZC
123	T.Sowjanya	III B.SC BZC
124	N. Yasaswini	II B.Sc MPCs
125	P.Akhila	II B.Com
126	K. Yameema	II B.Sc MCSMM
127	G.Rupa	II B.Com.G
128	T.Lakshmi	II B.Com
129	K.Sravani	II B.Com-G
130	S.Aparna	II B.Com
131	D.Vasavi	II B.Com-G
132	YepuriMounika	I B.Com-G
133	P.Swetha	II B.SC (B1)
134	Ch. Kalyani	I B.Sc (MPC)
135	Ch. VijayaKumari	II BZC (Hm)C1
136	D.Navya	II B.Com (Gen)
137	KVD Nagalakshmi	B.Com (Gen)
138	R. Sushmapriya	II B.Sc(MPC)
139	P.Sravani	II B.SC B.TBC.C (B6)
140	M.Thirupatnamma	II B.SC(MPC)
141	K.SumaSwaratya Lakshmi	II B.SC (B6)

142	Ch. Ramadevi	II B.Com(G)
143	Ch.N.LPavani	II B.SC(MPCS)
144	G.Navya	II B.Com (G)
145	P.Manisha	II B.Sc(MPC)
146	K.Hemadeepthi	II B.Sc(MPC)
147	V.MariyaKumari	II BZC(HM)
148	M.Harichandana	II BZC(HM)
149	T.VasanthaRenuka	II B.SC MCS MM
150	P.Meghana	II B.SC(MPC)

Course completion certificate



GOVERNMENT COLLEGE FOR WOMEN, (A) GUNTUR
DEPARTMENT OF BOTANY
(An Autonomous Institution with CPE status)

CERTIFICATE FOR ACHIEVEMENT

This is to certify that Ms. of successfully completed the certificate course in **Nursery and Garden Development Techniques** Conducted by the Department of Botany from to at approved in the BOS and Academic Council of the college during the academic year 2019-20.

Principal

I/C of the Department

Course Co-Ordinator

Marks Award list

S.No.	Hall-ticket No	Name of the student	Group	Marks
1	17409016	K.Amarthya	III B.Sc BZC-C ₁	21
2	18402023	V.KrishnaVeni	II B.Sc-MBC	39
3	18402006	K. Keerthana	II B.Sc-MBC-B1	41
4	18203010	K. Gayatri	II B.Com-Banking	48
5	18202059	V. SaiPravallika	II B.Com-Computer	42
6	18202046	P.Madhavi	II B.Com –CS	40
7	18401006	E.Bhavani	II B.Sc-BZC-C2	19
8	18202037	M.Balanagalakshmi	II B.Com-Computer	37
9	18202038	N.Hepsi Rani	II B.Com-Computer	29
10	18201025	K.Kokila	II B.Com	29
11	17409027	Sk.Roshnara	III.B.SC BZC-C ₁	18
12	18106010	P.NagaSai	II BA FE	32
13	18301013	G. Rajani	II B.Sc MPC	40
14	18202004	A.J.V.D.Swathi	II B.Com-computer	18
15	19201037	P.Saraswarthi	I B.Com – G	17
16	18301052	V.Triveni	II B.Sc-MPC	34
17	19201047	Sk. Kareema	I B.Com –General	19
18	19301050	T.Nagamani	I B.Sc – MPC	17
19	18106003	D.LakshmiKaveri	II B.A FE	19
20	19201013	D.Kavya	I B.Com-general	24
21	18409022	Mirz.SumayyaTasneem	II B.SC	33
22	19301024	M.Kalayani	I B.Sc-MPC	34
23	17403002	A.LakshmiBai	III B.Sc-MZC-B ₂	18
24	18306019	P.Nagurbi	III B.Sc-MCSMM	20

25	18302003	D. SathyaPriya	II B.Sc-MPCS	35
26	18302024	S.Priyanka	II B.Sc-MPCS	30
27	18202062	G.Bhargavi Rani	II B.Com-CS	43
28	17401022	N.Prameela	II B.Sc MPC	17
29	17403012	M.NagamaniBai	IIB.Sc-MZC	18
30	17402011	P.Danamma	III B.SC – MBC	18
31	18202024	Mounika	II B.com-computer	28
32	18302018	P.Anusha	II B.SC A2	19
33	18202016	G.Pravallika	II B.Com-computer	21
34	18302023	Sk.Nasreen	II B.Sc-MPCS	42
35	17409017	K.SainagaSupriya	II B.Sc BZC	20
36	18301011	G.Anusha	II B.Sc MPC	43
37	18409030	Sk.Rashida	II BZC Bc	36
38	18305019	P.Vasanth	II B.SC.MESS	29
39	17402008	N.Jerusha	III BSC B1	26
40	18302012	M.Padmaja Reddy	III B.Sc MPCS	21
41	18203007	G.Kotamma	II B.Com	44
42	18203012	N.Neelema	II B.Com B.F	39
43	18203008	G.Anusha	II B.Com-Bank	42
44	18203017	N.Srividya	III B.Com	49
45	18203020	P.Sirisha	II B.Com	37
46	18203009	K.Rupadevi	II B.Com-Bank	39
47	18203001	A.Vennela	II B.Com-Bank	42
48	18203006	K.Surekha	II B.Com-Bank	49
49	18203004	B.AshaJyothi	II B.Com-Bank	43
50	18203011	M.Sandhya	II B.Com-Bank	44

51	18106002	CH.Nandini	II B.A-EE	48
52	18409037	Y.Sruthi	II B.Sc BZC	29
53	18301059	V.Jyothsna	II B.Sc MPC	44
54	18301022	K.Catharin	II B.Sc MPC	46
55	18301054	V.Merry	II B.Sc MPC	44
56	18301012	G.Bharghavi	II B.Sc MPC	46
57	18202002	A.V.S.N.S.S.Swathi	II B.Com Computer	35
58	17409034	V.Amulya	III B.Sc – BZC	23
59	17301015	G.Sudha Rani	II B.Sc-MPC	21
60	18106013	V.Nagalakshmi	II BA-EE	18
61	18302001	Ch.Vandhana	II B.Sc-MPCS	37
62	18409020	M,Meghana	II B.Sc-BZC	32
63	17401024	B .Ternai	III BSC – BZC	19
64	17401001	B.NagaLakshmi	III B.Sc-BZC	18
65	18202012	D.Teja	III B.Com-computer	19
66	18201055	SD.Roshnara	II B.Com –G	27
67	18303005	D.LakshmiKumari	II B.Sc MSCS	22
68	18201051	Sk.NaziyaTabassum	II B.Com G	42
69	18201053	K.Mithya	III BSC-BZC	20
70	19305033	Y.Kasthuri	II B.Sc MECS	18
71	18402021	Sk.Shabana	III B.SC MBC	22
72	18403022	R.SaraswathiBai	II B.Sc MZC	24
73	18202056	Sk. Reshma	II B.Com-CS	44
74	18303036	R.Anusha	III B.SC – MSCS	26
75	18302008	K.NavyaSree	II B.Sc-MPCS	29
76	18202045	P.Priyanka	II B.Com-computer	27

77	18201026	J.KrishnaVeni	II B.Com	21
78	18302004	J.Tejasree	II B.Sc-MPCS	19
79	18302022	Sk.Khazabi	II B.Sc-MPCS	30
80	18202035	M.Lavanya	II B.Com	19
81	18301016	J.Yesu Rani	II B.Sc MPC	20
82	18402005	K.Sukanya	II B.SC MBC	22
83	18305027	S.RathnaKumari	II B.Sc MECS	22
84	18306021	Sk.Bushrafirdos	II B.SC-MCSMM	44
85	18307024	Sk.Shabeen Begum	II B.Sc MCCS	31
86	18302011	K.Bulakshmi	II B.SC MPCS	19
87	18302019	P.PavaniBramarambha	II B.SC MPCS	24
88	18303027	M.Mangamma	II B.SC MSCS	23
89	18302021	S.Suneetha	II B.SC MPCS	37
90	18302024	P.V.S.L.Prasanthi	II B.SC MBC	34
91	18301046	Sk.Shaheen	II B.SC MPC	37
92	18202039	N.Rajeshwari	II B.Com-CS	24 ½
93	18402004	G.V.SaiParimala	II B.SC MBC	33
94	18302027	V.Adhilakshmi	II B.Sc MPCS	31
95	18303024	K.SwarnaLatha	II B.Sc MSCS	19
96	18403002	B.MercyAmrutha	II B.Sc MZC	38
97	18301053	U.SivaKumari	II B.SC MPC	44
98	18202044	P.GnanaPraveena	II B.Com- comp	33
99	18401017	R.Parvathi	II B.Sc.BZC	18
100	18106012	T.Veeramma	II B.A FE	19
101	18201048	Sk. Jereena	II B.Com-G	36
102	18203018	P.Meghana	II B.com	42

103	18201027	J.Komali	II B.Com	18
104	18201008	B.Venkamahalakshmi	II B.Com	18
105	1820 1022	D. Sowjanya	II B.Com	25
106	18202006	B.Swetha	II B.Com	22
107	18306015	M.Ramadevi	II B.Sc + MUL+	21
108	18203021	R. Adhi Lakshmi	II B.Com-Bank	23
109	18202060	Y.Ramadevi	II B.com	19
110	18201006	B.Asha	II B.Com-G	18
111	19301048	T.Pravallika	I B.Sc-MPC	21
112	18301060	T.Sireesha	II B.Sc MPC	22
113	18203002	B.Yeshodha	II B.Com	40
114	19301027	N.NagaMounika	I B.Sc-MNPC	28
115	18301050	T.Veeneetha	II B.Sc	34
116	18202058	VF.Vasantha	II B.Com-computer	25
117	18202030	M.Byula	II B.Com-computer	04
118	17409005	D.Pavithra	III B.Sc. BZC	18
119	17409008	V.Glory	III B.Sc BZC	20
120	18201056	T.Parameshwari	II B.Com	37
121	17401015	T.Sujatha	II B.Sc BZC	22
122	17401025	M.VeneelaBai	III B.Sc BZC	16
123	17401016	T.Sowjanya	III B.SC BZC	21
124	18302015	N. Ysaswini	II B.Sc MPCS	24
125	18201010	P.Akhila	II B.Com	02
126	18306011	K. Yameema	II B.Sc MCSMM	18
127	18201024	G.Rupa	II B.Com.G	18
128	18203027	T.Lakshmi	II B.Com	22

129	18201032	K.Sravani	II B.Com-G	20
130	18201024	S.Aparna	II B.Com	19
131	18201021	D.Vasavi	II B.Com-G	22
132	19201062	YepuriMounika	I B.Com-G	18
133	18402015	P.Swetha	II B.SC (B1)	26
134	19301006	Ch. Kalyani	I B.Sc (MPC)	42
135	18409003	Ch. VijayaKumari	II BZC (Hm)C1	30
136	18201019	D.Navya	II B.Com (Gen)	41
137	18201033	KVD Nagalakshmi	B.Com (Gen)	06
138	18302020	R. Sushmapriya	II B.Sc(MPC)	49
139		P.Sravani	II B.SC B.TBC.C (B6)	25
140	18301030	M.Thirupatnamma	II B.SC(MPC)	41
141		K.SumaSwaratya Lakshmi	II B.SC (B6)	33
142	18201017	Ch. Ramadevi	II B.Com(G)	18
143	18302002	Ch.N.LPavani	II B.SC(MPCS)	26
144	18201023	G.Navya	II B.Com (G)	19
145	18301040	P.Manisha	II B.Sc(MPC)	29
146	18302010	K.Hemadeepthi	II B.Sc(MPC)	31
147	18401024	V.MariyaKumari	II BZC(HM)	04
148	18409019	M.Harichandana	II BZC(HM)	50
149	18306027	T.VasanthaRenuka	II B.SC MCS MM	19
150	18301036	P.Meghana	II B.SC(MPC)	34

Nursery and Garden Development Techniques

Certificate Course Examination

2018-19

Duration: 1 ½ hrs

Max. Marks: 50

Time: 1.30 to 3 pm

I. Write any 15 of the following. Each question carries two marks.

15x2=30M

1. What is Nursery ?
2. What are the different types of Nurseries?
3. Write any three important objectives Nursery?
4. Write about the scope and importance of Nurseries?
5. What are the main part to build infrastructure for Nurs
6. Write about the layout of a Model ornamental Nursery?
7. What are the different parts of a seed?
8. What is the seed dormancy?
9. What are the methods to break seed dormancy.
10. What are the basic features of the storage?
11. What is a seed bank ?
12. Describe types of Seed testing organization?
13. Define Seed certification?
14. What are the types of vegetative propagation
15. What are the strategies of grafting?

16. What is a Green House?
17. What is Mist Chamber?
18. What are the different types of micro irrigation method?
19. Write two objectives of gardening?
20. What is the student role for developing the gardening?
21. What are the principles of landscaping?
22. What are the sowing types and patterns?
23. What is transplanting?
24. What is CSA?
25. What is harvesting?

II ANSWER ANY TWO OF THE FOLLOWING? EACH QUESTION CARRIES 5 MARKS

26. Mention the importance of Nursey.
27. Differentiate Dicot and Monocot Seed.
28. Explain about the process of Seed Storage?
29. Mention the types of Gardening Styles?
30. Describe the common possible errors during plantation?