

ALL SAINTS' COLLEGE
TRIVANDRUM, KERALA

CERTIFICATE COURSE

3





ABOUT THE COURSE

The course aims to develop a basic understanding of the principles of Indoor gardening and Terrarium techniques, a general overview on selection, rearing, maintenance and management.

COURSE OUTCOMES

Identify the merits of indoor plants in both living and working environments.

Identify the various forms of indoor plants.

Identify the most suitable indoor plants for each location.

Develop skills to choose appropriate containers for indoor plants.

Develop knowledge on the general care of the indoor plants.

ALL SAINTS' COLLEGE TRIVANDRUM DEPARTMENT OF BOTANY

Presents

CERTIFICATE COURSE- 2020-21

INDOOR GARDENING & TERRARIUM TECHNIQUES

BOT.C.20.1



WHO CAN APPLY?

UG Science, Commerce & Arts students of All Saints' College, Thiruvananthapuram

Date of Commencement

17/05/2021

Duration

30 Hrs.

Course Coordinator
Dr. Cinthya Christopher
Ph. No. 9447696239

Resource Team
Dr. Nisha K.K.
Dr. Sr. Shaina T. J.
Dr. Pressy P. Prakasia

Principal
Dr. Deepa M.



Name of Course	<i>Certificate Course on</i> INDOOR GARDENING AND TERRARIUM TECHNIQUES (BOT C.20.1)
Department offering the Course	Dept. of Chemistry
Course Duration	30 Hours
Faculty In Charge	Dr. Cinthya Christopher

SYLLABUS

INDOOR GARDENING AND TERRARIUM TECHNIQUES

2020-21

SYLLABUS

1. Gardening – Introduction, Principles of gardening making, Components of Garden, Soil types, Soil preparation, Garden tools and Implements, Manures and Fertilizers, Farmyard manure, Compost, Vermicompost and Biofertilizers, Chemical fertilizers, Fungicides and Pesticides.
2. Indoor Gardening – Significance of Interior scaping, Benefits of Indoor gardening, Home and Workplace indoor gardening, Environmental factors in Indoor gardening – Light, Humidity.
3. Management of Indoor plants – Growing media, Location, water management, Nutrient management, Pests and disease management.
4. Indoor plants and Foliage plants, Pots and Containers, Tools for indoor gardening.
5. Methods of Indoor gardening - Hanging baskets, Window boxes, Terrarium / bottle gardening, Miniature gardening, Vertical gardening for indoors, Bonsai for indoors.
6. Bonsai – Indoor bonsai, Bonsai styles, Plants suitable for indoor bonsai, Pots and containers for bonsai.
7. Terrarium techniques – History, Types of Terrarium, Materials required, Plants, Caring of terrarium, Benefits, Management,

Course Outcomes

- Identify the merits of indoor plants in both living and working environments.
- Identify the various forms of indoor plants.
- Identify the most suitable indoor plants for each location.
- Develop skills to choose appropriate containers for indoor plants.
- Develop knowledge on the general care of the indoor plants.



Dr. CINTHYA CHRISTOPHER
Asst. Professor & Head
Department of Botany
All Saints' College, Trvm.



Reshmi
Principal
All Saints' College
Thiruvananthapuram-7



CERTIFICATE COURSE (BOT.C.20.1)

ATTENDANCE REGISTER

Sl. No	NAME	No. of days casual leave already availed														
			1 st May	1 st May	2 nd May	3 rd May	4 th May	5 th May	6 th May	7 th May	8 th May	9 th May	10 th May	11 th May	13 th May	
1.	Arsha P	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
2.	Ancy C.A	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
3.	Joytha A	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
4.	Adithya Chandran	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
5.	Salini S.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
6.	Aswathy P	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
7.	Aarya Krishna J	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
8.	Anjitha J.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
9.	Haritha H.P.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
10.	Anjali Stheesh	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
11.	Gayathri B	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
12.	Aishwarya J.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
13.	Shalini R.D	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
14.	Aruna A	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
15.	Ashly Krishna	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
16.	Aarsha Shaji	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
17.	Priyusha Ullas	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
18.	Jency S.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
19.	Pousiya L.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
20.	Hema Krishnan	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
21.	Megha Sekhar S.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
22.	Jenifer J.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
23.	Aparna M.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
24.	Andria Smoni Doric	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
25.	Sumayyamel S.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
26.	Anurama M.R.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
27.	Goluri Tyothish	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
28.	J.V. Vijeshma	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
29.	Aditi P. Nair	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
30.	Taletha Lisa John	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
31.	Ancy A.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
32.	Shabeena Alex	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
33.	Radhika Suresh	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
34.	Seonya S.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
35.	Santhipriya L.J.	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	
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INDOOR GARDENING AND TERRARIUM TECHNIQUES

DEPARTMENT FOR THE MONTH OF May & June 2021

														Signature of the Students	Working Days	Day present	Day absent	Total No. of CL availed	Remarks
	15	17	19	21	23	25	27	29	31	3	5	7	9						
	X	X	X	X	X	X	X	X	X	X	X	X	X				89		
	X	X	X	X	X	X	X	X	X	X	X	X	X				93		
	X	X	X	X	X	X	X	X	X	X	X	X	X				91		
	X	X	X	X	X	X	X	X	X	X	X	X	X				94		
	X	X	X	X	X	X	X	X	X	X	X	X	X				90		
	X	X	X	X	X	X	X	X	X	X	X	X	X				85		
	X	X	X	X	X	X	X	X	X	X	X	X	X				96		
	X	X	X	X	X	X	X	X	X	X	X	X	X				91		
	X	X	X	X	X	X	X	X	X	X	X	X	X				96		
	X	X	X	X	X	X	X	X	X	X	X	X	X				98		
	X	X	X	X	X	X	X	X	X	X	X	X	X				96		
	X	X	X	X	X	X	X	X	X	X	X	X	X				94		
	X	X	X	X	X	X	X	X	X	X	X	X	X				88		
	X	X	X	X	X	X	X	X	X	X	X	X	X				91		
	X	X	X	X	X	X	X	X	X	X	X	X	X				92		
	X	X	X	X	X	X	X	X	X	X	X	X	X				94		
	X	X	X	X	X	X	X	X	X	X	X	X	X				93		
	X	X	X	X	X	X	X	X	X	X	X	X	X				99		
	X	X	X	X	X	X	X	X	X	X	X	X	X				89		
	X	X	X	X	X	X	X	X	X	X	X	X	X				90		
	X	X	X	X	X	X	X	X	X	X	X	X	X				95		
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	X	X	X	X	X	X	X	X	X	X	X	X	X				94		
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	X	X	X	X	X	X	X	X	X	X	X	X	X				98		
	X	X	X	X	X	X	X	X	X	X	X	X	X				91		

CERTIFICATE COURSE ON
(BOT. C. 20.1)

ATTENDANCE REGISTER

Sl. No	NAME	No. of days casual leave already availed	Date															
			17th May	18th May	19th May	20th May	21st May	22nd May	23rd May	24th May	25th May	26th May	27th May	28th May				
36	Rima Suresh	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	Abhija J.V.	AN.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	Saina Noushad	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	Sona E.L.	AN.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	Arunapriya U.G	FN.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	Rizwana M.	AN.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
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'INDOOR GARDENING AND TERRARIUM TECHNIQUES'

DEPARTMENT FOR THE MONTH OF May & June 2021

Date	Signature of Students													Working Days	Day present	Day absent	Total No. of CL availed	Remarks	
	15	16	17	18	19	20	21	22	23	24	25	26	27						28
26th May	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	94	
27th May	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	96	
28th May	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	90	
29th May	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	93	
1st June	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	89	
2nd June	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
3rd June	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
4th June	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		



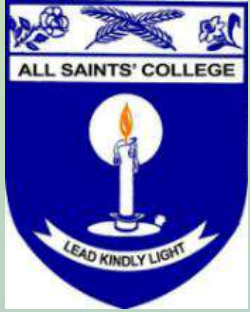
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Dr. CINTHYA CHRISTOPHER
Asst. Professor & Head
Department of Botany
All Saints' College, Tpm.

[Handwritten Signature]
Principal
All Saints' College
Thiruvananthapuram



Total No. of CL availed



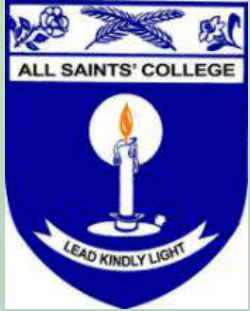
ALL SAINTS' COLLEGE, THIRUVANANTHAPURAM
DEPARTMENT OF BOTANY

CERTIFICATE

THIS IS TO CERTIFY THAT **ARSHA P** HAS SUCCESSFULLY COMPLETED THE 30H CERTIFICATE COURSE IN **INDOOR GARDENING & TERRARIUM TECHNIQUES BOT.A20.1** FROM 17/05/2021 TO 04/06/2021, WHICH WAS ORGANISED BY THE DEPARTMENT OF BOTANY, ALL SAINTS' COLLEGE, THIRUVANANTHAPURAM.

Dr. Cinthya Christopher
Course Coordinator & Head
Department of Botany

Dr. Reshmi R. Prasad
Principal



ALL SAINTS' COLLEGE, THIRUVANANTHAPURAM

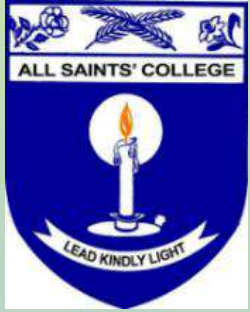
DEPARTMENT OF BOTANY

CERTIFICATE

THIS IS TO CERTIFY THAT **ANCY C A** HAS SUCCESSFULLY COMPLETED THE 30H CERTIFICATE COURSE IN **INDOOR GARDENING & TERRARIUM TECHNIQUES BOT.A20.1** FROM 17/05/2021 TO 04/06/2021, WHICH WAS ORGANISED BY THE DEPARTMENT OF BOTANY, ALL SAINTS' COLLEGE, THIRUVANANTHAPURAM.

Dr. Cinthya Christopher
Course Coordinator & Head
Department of Botany

Dr. Reshmi R. Prasad
Principal



ALL SAINTS' COLLEGE, THIRUVANANTHAPURAM

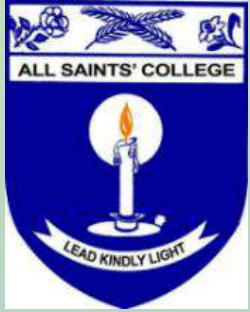
DEPARTMENT OF BOTANY

CERTIFICATE

THIS IS TO CERTIFY THAT **JOYSHA A** HAS SUCCESSFULLY COMPLETED THE 30H CERTIFICATE COURSE IN **INDOOR GARDENING & TERRARIUM TECHNIQUES BOT.A20.1** FROM 17/05/2021 TO 04/06/2021, WHICH WAS ORGANISED BY THE DEPARTMENT OF BOTANY, ALL SAINTS' COLLEGE, THIRUVANANTHAPURAM.

Dr. Cinthya Christopher
Course Coordinator & Head
Department of Botany

Dr. Reshmi R. Prasad
Principal



ALL SAINTS' COLLEGE, THIRUVANANTHAPURAM

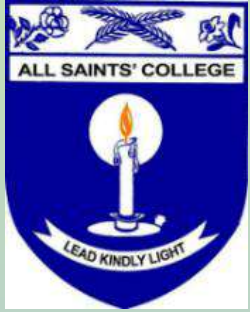
DEPARTMENT OF BOTANY

CERTIFICATE

THIS IS TO CERTIFY THAT **ADITHYA CHANDRAN** HAS SUCCESSFULLY COMPLETED THE 30H CERTIFICATE COURSE IN **INDOOR GARDENING & TERRARIUM TECHNIQUES BOT.A20.1** FROM 17/05/2021 TO 04/06/2021, WHICH WAS ORGANISED BY THE DEPARTMENT OF BOTANY, ALL SAINTS' COLLEGE, THIRUVANANTHAPURAM.

Dr. Cinthya Christopher
Course Coordinator & Head
Department of Botany

Dr. Reshmi R. Prasad
Principal



ALL SAINTS' COLLEGE, THIRUVANANTHAPURAM
DEPARTMENT OF BOTANY

CERTIFICATE

THIS IS TO CERTIFY THAT **SALINI S** HAS SUCCESSFULLY COMPLETED THE 30H CERTIFICATE COURSE IN **INDOOR GARDENING & TERRARIUM TECHNIQUES BOT.A20.1** FROM 17/05/2021 TO 04/06/2021, WHICH WAS ORGANISED BY THE DEPARTMENT OF BOTANY, ALL SAINTS' COLLEGE, THIRUVANANTHAPURAM.

Dr. Cinthya Christopher
Course Coordinator & Head
Department of Botany

Dr. Reshmi R. Prasad
Principal



ALL SAINTS' COLLEGE

Thiruvananthapuram-695007, Kerala, India

Phone: 0471-2501153

E-mail: allsaintscollegeasc@gmail.com

DEPARTMENT OF BOTANY

COURSE SUMMARY REPORT

Certificate Course on

INDOOR GARDENING AND TERRARIUM TECHNIQUES

(BOT C.20.1)

The certificate course on 'Indoor Gardening and Terrarium Techniques' was conducted from 17th May to 4th June 2021. The course was designed for the Undergraduate, Science and Arts stream students. The course aims to develop a basic understanding of the principles of Indoor gardening and Terrarium techniques, a general overview on selection, rearing, maintenance and management. The course was conducted by the Department of Botany and Co-ordinated by Dr. Cinthya Christopher, Assistant Professor and Head, Department of Botany. The faculty members of the department Dr. Nisha K.K., Dr, Sr. Shaina T. J. and the course co-ordinator took classes for the students. A Google Classroom was initiated where the video classes and notes regarding diverse topics included in the course were shared. Total 41 students enrolled for the course. The active and enthusiastic participation of the students throughout the course was really appreciated. An evaluation test was also conducted, and all the students passed the examination with distinction. Certificates were also issued to the students after the successful completion of the course.



Roshni
Principal
All Saints' College
Thiruvananthapuram-7