

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**  
**Re-accredited by NAAC with 'A+' Grade (4th Cycle)**  
**College of Excellence (UGC) Coimbatore - 641 029**

**DEPARTMENT OF BOTANY**

**COURSE OUTCOMES (CO)**

**Certificate Course in Bonsai**

**For the students admitted  
in the Academic Year 2021-2022**

21CCB101

<b>Programme Code: 05</b>	<b>Title: CERTIFICATE COURSE – BONSAI</b>		
<b>C.P. 1. INTRODUCTION TO BONSAI PRINCIPLES AND TECHNIQUES</b>			
<b>Batch 2021-2022</b>	<b>Hours / Week 2</b>	<b>Total Hours 30</b>	<b>Credits 2</b>

### **COURSE OBJECTIVES**

- To know the latest development in the field of Bonsai.
- To develop skills in the area of designing, styles and making of bonsai.
- To create knowledge on self employment through and entrepreneur skills.

### **COURSE OUTCOMES**

On successful completion of the course, the students will be able to

K1	CO1	Recognize about preliminary techniques about Bonsai.
K2	CO2	Understand the necessary skills to take care and maintain a Bonsai plant.
K3	CO3	Apply knowledge on Bonsai cultivation and marketing.
K3	CO4	Implement the acquired knowledge on commercial applications Bonsai

21CCB102

<b>Programme Code: 05</b>	<b>Title: CERTIFICATE COURSE – BONSAI</b>		
<b>C.P. 2. ETHICS, VALUES AND MARKETING OF BONSAI</b>			
<b>Batch 2021-2022</b>	<b>Hours / Week 2</b>	<b>Total Hours 30</b>	<b>Credits 2</b>

### **COURSE OBJECTIVES**

- To know the ethical value of bonsai
- To understand the common and special types of bonsai.
- To recognize the marketing potential of bonsai in India

### **COURSE OUTCOMES**

On successful completion of the course, the students will be able to

K1	CO1	Recognize the traditions and rituals values of bonsai
K2	CO2	Understand the types of commercial and aesthetic types of bonsai
K3	CO3	Implement knowledge on marketing practice of bonsai
K3	CO4	Describe the economic value of bonsai

21CCB1CL

<b>Programme Code: 05</b>		<b>Title: CERTIFICATE COURSE - BONSAI</b>		
<b>CORE PRACTICAL 1: BONSAI TECHNIQUES</b>				
<b>Batch</b> 2021-2022	<b>Semester</b> I	<b>Hours / Week</b> 2	<b>Total Hours</b> 30	<b>Credits</b> 2

### COURSE OBJECTIVES

- To identify the wild plants species for bonsai making.
- To select the suitable tools for bonsai making.
- To prepare the bonsai of market value.

### COURSE OUTCOMES

On successful completion of the course, the students will be able to

K3	CO1	Understand the programmes being carried out to conserve species through bonsai techniques
K4	CO2	Investigate the current status of bonsai .
K5	CO3	Implement the acquired knowledge on commercial applications of Bonsai

21CCB1Z1

<b>Programme Code: 05</b>		<b>CERTIFICATE PROGRAMME IN BONSAI</b>		
<b>PROJECT &amp; VIVA VOCE</b>				
<b>Batch</b> 2021-2022	<b>Semester</b> I	<b>Hours / Week</b> 2	<b>Total Hours</b> 30	<b>Credits</b> 2

### COURSE OBJECTIVES

- ❖ To identify and utilize plant species from natural habitats for bonsai making
- ❖ To select the suitable plants for designing bonsai
- ❖ To gain knowledge on aesthetic value of bonsai of global importance

### COURSE OUTCOME

On successful completion of the project work, the students will be able to

K3	CO1	Develop architectural skills in bonsai making
	CO2	Analyze the sustainable utilization of tree species obtained from various natural vegetation
	CO3	Evaluate the nature and various styles of bonsai
	CO4	Apply the principles and concepts in their research components
K5	CO5	Executing standard operating procedures and interpretation of appropriate results