

Semester Lecture Plan (Theory)

Name of the college: Government College of Arts, Science and Commerce, Sanquelim							
Name of Faculty: Dr. Tanvi Nitin Prabhu			Subject: Botany				
Paper code: BOT 111			Program/Course: B.Sc (Botany)			Division: A	
Academic Year: 2025-26			Semester: I			Total Lectures: 15	
Course Objectives: This course is designed to give an overview of how plants are indispensable to humans. It gives a broad exposure to the various aspects of plant resource & its utilization.							
Expected Course Outcome: On completion of the course, students will be able to - Recall various economically and medicinally important plant species used in day to day life. - Explain the uses of economically important plants and illustrate the processing of various plant parts. - Analyze the utilization of various plant resources in day to day life. - Apply theoretical knowledge in utilization, and report generation of economical and medicinal plants. Create awareness on conservation of medicinal plants and use of natural plant products as alternatives to synthetic products.							
Student Learning Outcome:							
Month	Lectures		No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
	From:	To:					
June 2025	24.06.2025	28.06.2025	01	Module 2: Plant resources and utilization I (including brief description of plants and/or plant parts used). Cereals : Rice		PowerPoint presentation	Sambamurty AVS S and Subramanyam NS (1989). A Textbook of Economic Botany . Wiley Eastern Ltd., New
June 2025-	30.06.2025	05.07.2025	01	Wheat, Maize		PowerPoint	

July 2025						presentation	
July 2025	07.07.2025	12.07.2025	01	Millets: Ragi, Jowar		PowerPoint presentation	
July 2025	14.07.2025	19.07.2025	01	Legumes : Bengal gram, Green gram		PowerPoint presentation	
July 2025	21.07.2025	26.07.2025	01	Red gram, Black gram and Cowpea.		PowerPoint presentation	
July 2025 – August 2025	28.07.2025	02.08.2025	01	Cash crops: Cashew, Sugarcane		PowerPoint presentation	
August 2025	04.08.2025	09.08.2025	01	ISA 1 (Assignment) Cocoa		PowerPoint presentation	
August 2025	11.08.2025	16.08.2025	01	Plantation crops: Coconut, Banana		PowerPoint presentation	
August 2025	18.08.2025	23.08.2025	01	Mango and Jackfruit.		PowerPoint presentation	Sharma, OP (1996). Hill's Economic Botany. Tata McGraw Hill Publishing Company Ltd., New Delhi.
September 2025	01.09.2025	06.09.2025	01	ISA 2 (test)		PowerPoint presentation	
September 2025	08.09.2025	13.09.2025	01	Edible oils: Groundnut, Coconut		PowerPoint presentation	
September 2025	15.09.2025	20.09.2025	01	Soyabean and Palm Oil.		PowerPoint presentation	
September 2025	22.09.2025	27.09.2025	01	Starch and tuber crops: Potato, Sweet potato and Yam		PowerPoint presentation	
September 2025 –	29.09.2025	04.10.2025	01	Vegetable crops : Red amaranth, Radish, Lady's finger, Teren, Kudduki, Ankur and Taikhilo.		PowerPoint presentation	

October 2025							
October 2025	06.10.2025	11.10.2025	01	ISA 03		PowerPoint presentation	
October 2025	13.10.2025	18.10.2025	01	Vegetable crops : Kudduki, Ankur and Taikhilo. Revision		PowerPoint presentation	

Assessment Rubrics

Component	Max Marks
ISA 1	10
ISA 2	10
ISA 3	10
Practical	NA
Project	NA
Semester End Exam	80