

Semester Lecture Plan

Name of College: Government College of Arts, Science & Commerce, Sanquelim Goa

Name of Faculty: Dr Suman Tari

Subject: Zoology

Paper code: ZOO 303

Program/Course: TY B.Sc.

Division: A

Academic year: 2025 - 2026

Semester: V

Total Lectures: 30

Course Objectives:

1. Provide the basics of Bio- entrepreneur skills.
2. Introduce the learners with setting up of a successful Bio-enterprise.
3. Expose the learners with the various schemes/ support provided by Government agencies for setting up of a Bio-enterprise.
4. Develop the knowledge to create a startup plan.

Course Learning Outcome:

1. Understand the basic requirements for setting up of a Bio-enterprise.

2. Ideate plans for bio-entrepreneurship.
3. Evaluate the competencies of an Entrepreneur.
4. Enlist funding opportunities for bio-entrepreneurship in India.
5. Appreciate the protection provided by IPR laws.

Month	Lectures From: To:		No. of lectures allotted	Topic, Subtopic to be covered	Learning outcome	ICT Tools	Reference books
June	23/06/2025	28/06/2025	02	Concept, nature, scope and philosophy of entrepreneurship-		Power point presentation	
				Distinction between self-employment and entrepreneurship			
July	30/06/2025	05/07/2025	02	Importance of entrepreneurship and self-employment in India. 1. Bio-entrepreneurship			
				Process of Entrepreneurship			
	07/07/2025	12/07/2025	02	Competencies of an Entrepreneur, Types of Entrepreneurs,.			

	14/07/2025	19/07/2025	02	Opportunities, Problem Identification, Idea generation, innovation.			
	21/7/2025	26/7/2025	02	Advantages and Disadvantages of Entrepreneurship.			
	28/07/2025	2/08/2025	02	Entrepreneurship in the context of Animal Sciences			
August	4/08/2025	09/08/2025	02	Entrepreneurship in the context of Animal Sciences			
	11/08/2025	16/08/2025	02	Entrepreneurial Opportunity, Perceiving and Sensing entrepreneurial ventures in Life Sciences (fisheries, animal husbandry, mushrooms, poultry, and medicinal gardens).			
	18/08/2025	25/08/2025	02	Funding opportunities for businesses, Central and State			

				Government support for establishment of self-employment and			
September	2/09/2025	8/09/2025	02	Concept of various Types of business organization - sole proprietorship, partnership, cooperation society, private and			
	9/09/2025	15/09/2025	02	public limited companies Organizational structure & Management;			
	16/09/2025	22/09/2025	02	Capital Management; Product innovation and management; Government schemes for			
	23/09/2025	29/09/2025	02	Intellectual property rights – Patents, Trademarks, Copyrights, Industrial Designs, Geographical Indications,			
	30/09/2025	6/10/2025	02	commercialization of technology (Biotech Consortium)			
October	07/10/2025	13/10/2025	02	Integrated Circuits, Plant Varieties & Farmers Rights, Trade Secrets			

	14/10/2025	18/10/2025	02	Making a business plan for availing financial assistance (loan).			

Dr Suman V Tari

Teacher-in-charge