

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: 2026 - 2027

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	19/06/2026	26/06/2026	02	Concept, nature, scope and philosophy of entrepreneurship-		Power point presentation	
				Distinction between self- employment and entrepreneurship			
	27/06/2026	04/07/2026	02	Importance of entrepreneurship and self- employment in India. Bio-entrepreneurship			
				Process of Entrepreneurship			
	06/07/2026	11/07/2026	02	Competencies of an Entrepreneur, Types of Entrepreneurs,.			

	13/07/2026	18/07/2026	02	Opportunities, Problem Identification, Idea generation, innovation.			
	20/7/2026	25/7/2026	02	Advantages and Disadvantages of Entrepreneurship.			
August	27/7/2026	1/08/2026	02	Entrepreneurship in the context of Animal Sciences			
	3/08/2026	8/08/2026	02	Entrepreneurship in the context of Animal Sciences			
	17/08/2026	22/08/2026	02	Entrepreneurial Opportunity, Perceiving and Sensing entrepreneurial ventures in Life Sciences (fisheries, animal husbandry, mushrooms, poultry, and medicinal gardens).			
	24/08/2026	29/08/2026	02	Funding opportunities for businesses, Central and State Government support for establishment of self-employment and			

				Concept of various Types of business organization - sole proprietorship, partnership, cooperation society/ private			
September	31/08/2026	5/09/2026	02				
	7/09/2026	12/09/2026	02	public limited companies Organizational structure & Management;			
	21/09/2026	26/09/2026	02	Capital Management; Product innovation and management; Government schemes for			
	28/09/2026	3/10/2026	02	Intellectual property rights – Patents, Trademarks, Copyrights, Industrial Designs, Geographical Indications,			
	5/10/2026	10/10/2026	02	commercialization of technology (Biotech Consortium)			
October	12/10/2026	14/10/2026	02	Integrated Circuits, Plant Varieties & Farmers Rights, Trade Secrets			

				Making a business plan for availing financial assistance (loan).			
--	--	--	--	--	--	--	--

Dr Suman V Tari

Teacher-in-charge