Programme Outcome (PO's), Programme Specific Outcome (PSO's), Course Outcome (CO's)
Department: Zoology
Syllabus: 2019 Pattern

Sr. No.	Name of the Programme	Year of introduction of programme	Duration of introduction of Programme
4	B.Voc. Diploma in Sericulture	2020-2021	3 Years

Programme Specific Outcome (Diploma in Sericulture)

Sr. No.	Programme Specific Outcome (Diploma in Sericulture)
PSO 1	Understand the basic knowledge about Sericulture.
PSO 2	Get knowledge about Silkmoth and their ecosystems.
PSO 3	Perform systems according to lab guidelines in the space of Sericulture.
PSO 4	students can applied his Knowledge in Sericulture.
PSO 5	Student will be able to recognize the relationship between structure and function at all levels of biological organization (e.g., molecules, cells, organs, organisms, populations, and species) for the major groups of silkmoth.

Course Outcome (Diploma in Sericulture)

Class	Subject code	Title	Cos: After successful completion of this course, student will be able to
Sem I	BVDSER-111G and BVDSER-111S	Personality Development and Computer Fundamentals	CO1: Develop an understanding of and practice personal motivation.
			CO2: Develop an understanding of and practice personal and professional responsibility.
			CO3: Identify hardware components, their functions and performance issues in various computer systems and the factors involved in purchasing a computer system.
			CO4: Identify different types of software, their relationship to hardware, their function in a

			computer system, their task- appropriate use and considerations involved in purchasing and upgrading software.
			CO5: Identify the role of an operating system such as Microsoft Windows and how to use its features such as modifying the user interface, changing system settings, managing files and installing/uninstalling software.
			CO6: Use common application interface elements and commands for creating, opening, formatting, editing, saving and printing files.
			CO7: Produce word processing documents using basic functions, graphics, tables and automated formatting tools in an application such as Microsoft Word.
			CO8: Generate spreadsheets using formulas, functions, formatting, charts, and tables, sorting and filtering in an application such as Microsoft Excel.
			CO9: Construct effectively designed and formatted presentations in an application such as Microsoft PowerPoint.
	BVDSER -112G and BVDSER -112S	Introduction to Sericulture	CO1: Describe the botany of sericulture and status of sericulture.
			CO2: Explain the taxonomy & morphology of mulberry plant.
			CO3: Describe the anatomy and floral biology of mulberry plant.
			CO4: Explain the biology and life cycle of silk worm.
			CO5: Describe morphology and anatomy of silk worm.
	BVDSER -113G and BVDSER -113S	Biology of Silkworm and silkworm crop protect	CO1: Biodiversity of silkworms in India and Worldwide.
			CO2: Authorized Silkworm Races suitable for different regions.
			CO3: Differences between rearing of crossbreed and bivoltine silkworm.
			CO4: Rearing houses, plan and maintenance. Rearing of chawki worms and methods appliances.

			CO5: Record maintenance and logistics at Chawki Rearing Centres.
			CO6: Calculation of Effective Rate of Rearing.
Sem-II	BVDSER-121G and BVDSER-121S	Silkworm Rearing	CO1: Explain the morphology of mulberry plant.
			CO2: Describe the anatomy of mulberry plant.
			CO3: Explain the biology and life cycle of silk worm.
			CO4: Describe morphology and anatomy of silk worm.
	BVDSER-122G and BVDSER-122S	lkworm Physiology, Breeding and Genetics	CO1: History of silkworm breeding Japan, China, India.
			CO2: Silkworm gene bank and maintaining germplasm.
			CO3: Hybridization programme & Heterosis in different crossing systems.
			CO4: Authorization of parental breeds, hybrids and Authorization committee role.
			CO5: Phases of silkworm breeds developed, prospects and its applications.
			CO6: Molecular markers in silkworm breeding.
	BVDSER-123G and BVDSER-123S	Post Cocoon Technology and Seed Technology	CO1: Indian sericulture scenario in egg production.
			CO2: Seed Multiplication.
			CO3: Preparation for Egg Production.
			CO4: Bivoltine seed production, importance and characteristic features.
			CO5: Economics and self-Employability.
			CO6: Indian sericulture scenario in egg production.
			CO7: Seed Multiplication.

HoD ,Zoology

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