Title o	of Course:		GENERAL SERICUL	TURE		
Nodal	Department of HEI to run co	urse				
	Area/Sector		SILKWORM REARIN	G AND COCOON I	HARVESTING	
Sub Sector			Mulberry Silkworm rearing			
					-	
	e of Course-Independent/Prog		IND	EPENDENT		
	of suggestive Sector Skill Cou	ncil				
	ed NSQF level					
_	eted fees of the course- Free/Pa					
	nd to student expected from in	dustry				
	er of Seats					
Course Code:			Credits: 03 (1 Theory, 2 Practical)			
Max.	Marks: 100 (75+25)		Min Marks: 40 Marks			
Name	of proposed Skill Partner (Ple	ease specify	Regional Centre for Sericulture, Uttar			
Name of Industry, Company etc. for			Pradesh			
	cal/Training/internship/OJT)					
	rospects-Expected Fields of oc		Entrepreneurial, government and public silk			
	nt will be able to get job after o		producing sectors.			
course	e (Please specify name/type of					
		Syllabi	us			
Unit	Topics	General/Skill	Theory/Practical/	No of	No of	
		component	OJT/Internship/	Theory Hrs	Skill Hrs	
			Training	(Total-15	(Total-60	
				Hrs=1	Hrs=2	
				Credit)	Credits)	
Ι	Silkworm classification &	To learn	<b>Theory/Practical</b>	1	4	
	life-cycle.	classification,				
		biology and				
		life cycle of Silkworms				
II	Silkworm morphology:	To study	Theory/Practical	3	4	
11	Morphology of the egg,	morphology	and training.	5	<b>  -</b>	
	larva, pupa, adult and Silk	and anatomy	and training.			
	glands	of <i>Bombyx</i>				
	5	mori				
III	Bombyx mori Rearing	To learn and	Theory/Practical	4	20	
	:Maintenance of optimum	develop the	and training.			
	conditions for rearing,	skills for	0			
	feeding, brushing, spacing	silkworm				
	and caring during	rearing.				
	moulting	_				
IV	Mounting ,spinning and	Learning skills	Theory/Practical	2	14	
11	cocoon harvesting	to maintain	and training.		17	
		and harvest				
		the cocoons.				

V	Silkworm Diseases: Protozoan, Bacterial, Fungal, Viral, Sotto, septicemia Silkworm Pests: Uzi fly, Ants and Dermestid	To understand common diseases, prevention and their treatment.	Theory/Practical and training.	3	8
	Beetles.				
VI	Sericulture markets and	Understanding	Theory/Practical	2	10
	their kinds. Marketing	marketing	and training.		
	problems of silk industry.	skills.			
	Visit to				
	field/farmers/rearing house				
0	and demonstration.				
Sugg	gested Readings:				
4. N 5. N 6. N 7. S 8. G 9. G	GANGA, G., AND J. SULOCHANA CHETTY. ( MANUAL-2 - SILKWORM REARING. AGRIC MADAN MOHAN RAO, M. (1999) COMPRE M. AMIN MASOOD AND AFIFA S. KAMILI ( ILKWORM CROP PROTECTION, CENTRAL GOVINDAN, R.; NARAYANASWAMY, T.K. M UBLISHERS, BANGALORE. GOVINDAN, R.; RAMAKRISHNA NAIKA AN ERICULTURE. SERI SCIENTIFIC PUBLISHER	ULTURE SERVICE BULLE HENSIVE SERICULTURE 2000). PRINCIPLES OF 1 SILK BOARD, BANGALO AND DEVAIAH, M.C. (19 D SANNAPPA, B. (2004)	TIN, FAO, ROME. MANUAL. PS PUBLICATIO EMPERATE SERICULTURE. RE, INDIA. 98) PRINCIPLES OF SILKWO	NS, HYDERABAD. KALYANI PUBLISI ORM PATHOLOGY	HER. 7. SER I SCIENTIFIC
Sugg	ested Digital Platforms/Web Li	nks for Reading:	https://www.classce	ntral.com/cou	irse/swayam-
<u>serici</u>	<u>ilture-technology</u>				
	ested OJT/ Internship/Training आगरा	/Skill Partner): रा	जकीय रेशम फार्म, रे	शम विकास वि	भाग , पृथ्वी
00	ested Continuous Evaluation M				
	e Examination /Test: 10 Marks			_	
	ten Assignment/ Presentation/ I		er/ Seminar: 10 Ma	rks	
	performance/ Participation: 5	Marks			
	se Pre-requisites:	( <b>1</b>			
	No pre-requisite required – Ope				
	ested equivalent online courses	Sericult	ure courses by Sway	am	
Any r Notes	cemarks/suggestions: None				
	:: 1ber of units in Theory/Practic:	al may yary as no	r need		
	al Credits/semester-3 (There ca	• • •		t only 3 credit	ts/semester or
	dits/year)		, sui siuuchi mii ge	comy o crean	is semester of
	dits for Theory = 01 (Teaching	Hours $= 15$ )			

\*Credits for Internship/Training/Practical = 02 (Training Hours = 60)