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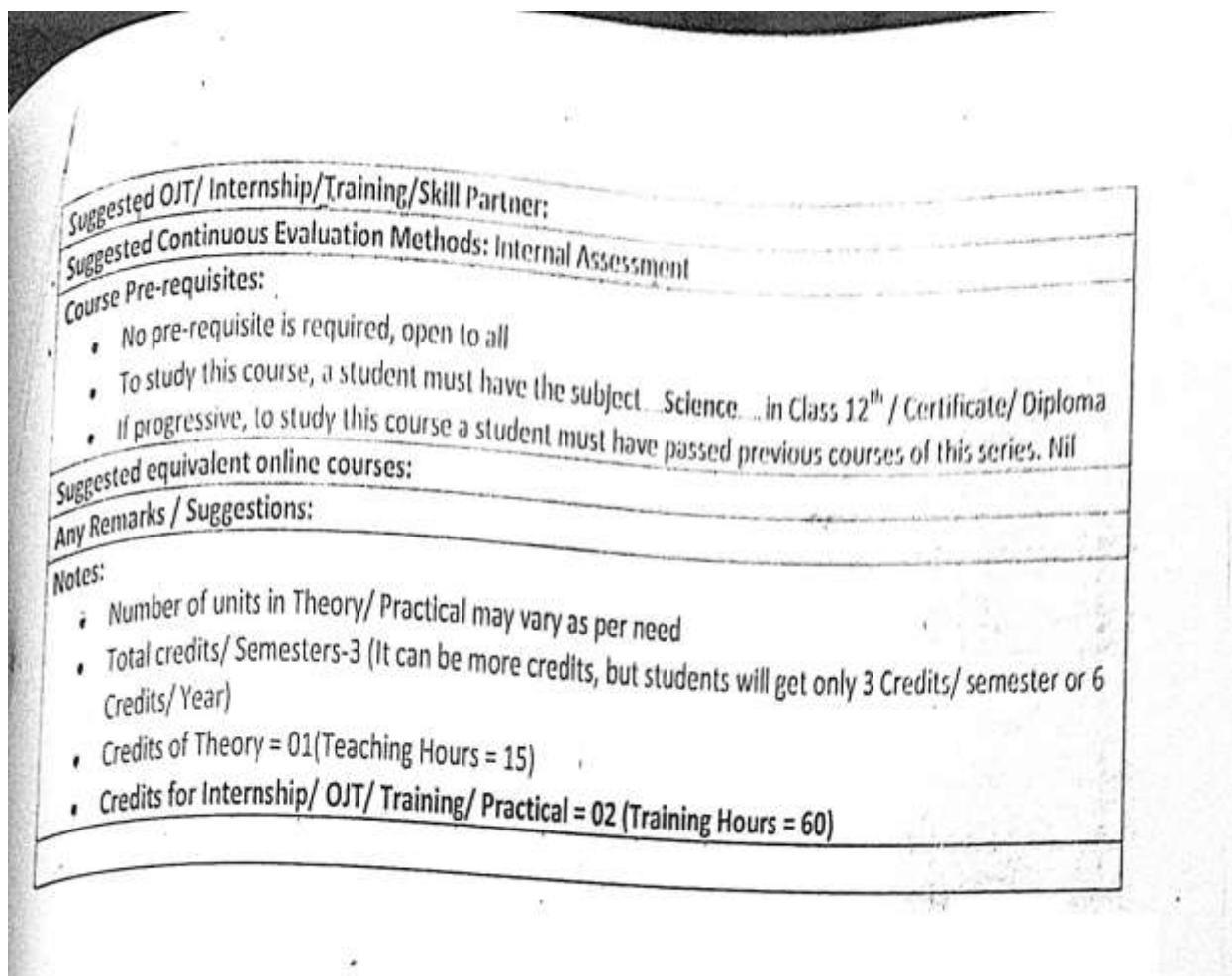
Format for syllabus development of Skill development course

Title of Course: Certificate in Sericulture	
Nodal Department of HEI to run course:	
Board Area/Sector	Life Science
Sub Sector:	Entomology/ Agricultural Science
Nature of Course: Independent / Progressive	Independent
Name of suggestive Sector Skill Council	Sericulture Industry
Aliened NSQF level:	6
Expected fees of the course – Fee/ Paid: Paid	
Stipend to student expected from Industry	
Number of Seats :	
Course Code: Will be Provided by the University	Credits- 03(1 Theory, 2 Practical)
Max. Marks : 100 Minimum Marks :	
Name of proposed skill Partner (Please specify; Name of Industry/ Company etc. for Practical/ Training/Internship/ OJT	
Job prospects- Expected fields of occupation where student will be able to get job after completing this course in (Specify name / type of Industry; company etc.)	Apiculture Industry

Syllabus					
Unit	Topic	General/ Skill component	Theory/ Practical/ OJT/ Internship Training	No. of Theory Hours Total 15 Hours = 1 Credit	No. of Skill Hours Total – 60 Hours = 2 Credits
I	Introduction to Sericulture, History and different species of Silk worm.	General	Theory	3 Hrs	
II	Morphology and life cycle of Silk worm. Motivating the students/ farmers to plant high yielding mulberry varieties to increase income and productivity.	General/ Skill component	Theory/ Practical	2 Hrs	20 Hrs
III	Imparting training in mulberry cultivation, silkworm rearing and silk reeling. Basic requirement for sericulture.	General/ Skill component	Theory/ Practical	2 Hrs	20 Hrs
IV	Application for prevention and control from diseases in sericulture. Future of silk reeling units in the private sector.	General	Theory	3 Hrs	
V	Techniques applied for sericulture. Innovations in sericulture.	General/ Skill component	Theory/ Practical	2 Hrs	20 Hrs
VI	Economic importance of sericulture.	General	Theory	3 Hrs	

Suggested Readings : Sericulture by M. Johnson, M. Kesary,
Silkworm Rearing Technology: Principles and Management by Tribhuvan Singh, Pramod Kumar Singh and Khursheed Ahmad Sahaf.

Suggested Digital platforms/ Web links for reading: Swayam Central <https://swayam.gov.in>
Diksha <https://diksha.gov.in>



Name of the course: “Certificate In Sericulture”

S.No	Semester	Paper	Topics	Marks	Credits
Theory				50	
I	I Semester	I	<ul style="list-style-type: none"> *Introduction to Sericulture, History and different species of Silk worm. *Morphology and life cycle of Silk worm. *Motivating the students/ farmers to plant high yielding mulberry varieties to increase income and productivity. *Imparting training in mulberry cultivation, silkworm rearing and silk reeling. *Basic requirement for sericulture. *Application for prevention and control from diseases in sericulture. *Future of silk reeling units in the private sector. *Techniques applied for sericulture. *Innovations in sericulture. *Economic importance of sericulture. 		3
Practical		Paper		50	
I	I Semester	II	<ul style="list-style-type: none"> *Methods in Sericulture *Laboratory techniques in silkworm rearing, feed, breeding, silk obtaining & Marketing. 		
Total				100	