

**DEPARTMENT OF STUDIES IN SERICULTURE****M.Sc. in Sericulture and Seribiotechnology**

Credit Based Choice Based Continuous Evaluation Pattern System

( 2012-2013)

Sl.No.	Course Code	Title of the Course	Type	Credit pattern (L:T:P)	Credit value
<b>I Semester</b>					
1	SERBT - 1.1	Mulberry Biology and Production	HC	3:0:1	4
2	SERBT - 1.2	Silkworm Biology and Egg Production	HC	3:0:1	4
3	SERBT - 1.3	Silkworm Physiology and Biochemistry	HC	3:0:1	4
4	SERBT - 1.4	Silkworm Rearing Technology	HC	3:0:1	4
5	SERBT - 1.5	Science of Sericulture	SC	3:1:0	4
6	SERBT - 1.6	Computer Application and Biostatistics	SC	3:1:0	4
<b>II Semester</b>					
1	SERBT - 2.1	Silkworm Genetics and Breeding	HC	3:0:1	4
2	SERBT - 2.2	Mulberry and Silkworm Crop Protection	HC	3:0:1	4
3	SERBT - 2.3	Term Work (Minor Project)	HC	0:1:3	4
4	SERBT - 2.4	Molecular Biology and Immunology	SC	3:1:0	4
5	SERBT - 2.5	Cell Biology and Genetics	SC	3:1:0	4
<b>III Semester</b>					
1	SERBT – 3.1	Mulberry Physiology, Cytogenetics and Breeding	HC	3:0:1	4
2	SERBT – 3.2	Proteomics, Genomics and Bioinformatics	HC	3:0:1	4
3	SERBT – 3.3	Silk Technology, Sericulture Extension and Economics	HC	3:0:1	4
4	SERBT – 3.4	Entrepreneurship Development in Sericulture	SC	3:1:0	4
5	SERBT – 3.5	Applied Entomology	SC	3:1:0	4
<b>IV Semester</b>					
1	SERBT - 4.1	Mulberry and Silkworm Biotechnology	HC	3:0:1	4
2	SERBT - 4.2	Project Work	HC	0:2:6	8
3	SERBT - 4.3	Textile Technology	SC	3:1:0	4
4	SERBT - 4.4	Vanya Sericulture	SC	3:1:0	4
<b>OPEN ELECTIVES</b>					
<b>II SEM</b>	SERBT - 2.6	Mulberry Biology, Production and Protection	OE	3:1:0	4
<b>III SEM</b>	SERBT - 3.6	Silkworm Biology, Cocoon Production and Protection	OE	3:1:0	4
<b>IV SEM</b>	SERBT - 4.5	Silk Technology and Entrepreneurship Development	OE	3:1:0	4

**Note:**

1. L = Lecture (1 Credit = 1 hr.); T = Tutorial (1 Credit = 2 hrs.); P = Practical (1 Credit = 2 hrs.).
2. A duration of two hours per week for each hard core courses is allocated towards Field Work in addition to the credits assigned.