

B.SC. FORESTRY 1ST YEAR

Semester 1st

S.No.	Course No.	Course Name	Credit	Theory	Practical
1	BSF-101	Structural Grammar and Spoken English (NC)	2 (1+1)	1	1
2	BSF-102	Basic Mathematics (NC)	3 (3+0)	3	0
3	BSF-103	Elementary Statistics & Computer Application	3 (2+1)	2	1
4	BSF-104	Chemistry & fertility of Forest Soils	2(1+1)	1	1
5	BSF-105	Fundamentals of Geology and Soil Science	2(1+1)	1	1
6	BSF-106	Plant Biochemistry and Biotechnology	3 (2+1)	2	1
7	BSF-107	Principles of Plant physiology	2 (1+1)	1	1
8	BSF-108	Introductory Botany (NC)	3 (2+1)	2	1
		Total	12 (7+5)	13	7
9		NSS(NC)	1(0+1)	0	1

Semester 2nd

S.No	Course No.	Course Name	Credit	Theory	Practical
1	BSF-201	Principles of Hydrology, Soil and Water Conservation	3 (2+1)	2	1
2	BSF-202	Principles of Cytology and Genetics	2 (1+1)	1	1
3	BSF-203	Ethnobotany	3 (2+1)	2	1
4	BSF-204	Fundamental of Extension Education	2(1+1)	1	1
5	BSF-205	Agrometeorology	3 (2+1)	2	1
6	BSF-206	Medicinal and Aromatic Plants	3 (2+1)	2	1
7	BSF-207	Environmental Science	3 (2+1)	2	1
8	BSF-208	Fundamentals of Horticulture	2 (1+1)	1	1
		Total	21 (13+8)	13	8

Semester 3rd

S.No	Course No.	Course Name	Credit	Theory	Practical
1	BSF-301	Forest Engineering & Survey	2 (1+1)	1	1
2	BSF-302	Wood Anatomy	2 (1+1)	1	1
3	BSF-303	Logging and Ergonomics	2 (1+1)	1	1
4	BSF-304	Soil Survey, Remote Sensing & Watershed Development	3 (2+1)	2	1
5	BSF-305	Forest Mensuration	3 (2+1)	2	1
6	BSF-306	Introductory Forest Economics	2 (2+0)	2	0
7	BSF-307	Tree Physiology	3 (2+1)	2	1
8	BSF-308	Tree Seed Technology	2 (1+1)	1	1
		Total	19 (12+7)	12	7

Semester 4th

S.No.	Course No.	Course Name	Credit	Theory	Practical
1	BSF-401	Principles and Practices of Silviculture	4 (3+1)	3	1
2	BSF-402	Wood Science and Technology	3 (2+1)	2	1
3	BSF-403	Wood Products & Utilization	2 (1+1)	1	1
4	BSF-404	Silviculture of Indian Trees	3 (2+1)	2	1
5	BSF-405	Nursery Management & Commercial Forestry	2 (1+1)	1	1
6	BSF-406	Fundamentals of Wild Life	2 (2+0)	1	1
7	BSF-407	Forest Pathology	3 (2+1)	2	1
8	BSF-408	Forest Ecology, Biodiversity & Conservation	3 (2+1)	2	1
		Total	23(15+8)	15	8

Semester 5th

S.No.	Course No.	Course Name	Credit	Theory	Practical
1	BSF-501	Fundamental Forest Business Managements	2 (1+1)	1	1
2	BSF-502	Dendrology	3 (2+1)	2	1
3	BSF-503	Rangeland Management	3 (2+1)	2	1
4	BSF-504	Silvicultural Systems	2 (2+0)	2	0
5	BSF-505	Plantation Forestry	2 (1+1)	1	1
6	BSF-506	World Forestry Systems	2 (2+0)	2	0
7	BSF-507	Wild life Management	3 (2+1)	2	1
8	BSF-508	Experimental techniques in Forestry	3 (2+1)	2	1
9	BSF-509	Tribology and Anthropology	2 (2+0)	2	0
		Total	22 (16+6)	16	6

Semester 6th

S.No.	Course No.	Course Name	Credit	Theory	Practical
1	BSF-601	Forest Management, Policy and Legislation	3 (2+1)	2	1
2	BSF-602	Principles and Methods of Tree Improvement	3 (2+1)	2	1
3	BSF-603	Utilization of Non-timber Forest Products	3 (2+1)	2	1
4	BSF-604	Agroforestry Systems and Management	3 (2+1)	2	1
5	BSF-605	Forest Entomology and Nematology	3 (2+1)	2	1
6	BSF-606	Entrepreneurship Development and Communication Skills	3 (2+1)	2	1
7	BSF-607	Marketing and Trade of Forest Produce	3 (2+1)	2	1
8	BSF-608	Principles of Forest Economics, Project Planning and Evaluation	2 (1+1)	1	1
		Total	23 (15+8)	15	8
		Grand Total (I to VI Semesters)	120(78+ 42)	78	42

Semester 7th

S.No.	Course No.	Course Name	Credit	Theory	Practical
1.	BSF-701	Forest Work Experience (Socio-Economic Survey-Village Attachment)	(0+20)	0	20
		TOTAL			20

Semester 8th

S.No.	Course No.	Course Name	Credit	Theory	Practical
1.	BSF-801	Experiential Learning Program(Attachment with industries & forest department)	(0+20)	0	20
		TOTAL			20

Total credits: - 160

Non-credits: - 09