

STRUCTURE OF THE SYLLABUS FOR 4 YEAR UG PROGRAMME

SCHOOL NAME -RSLSC

DEPARTMENT NAME -Forestry

PROGRAMME NAME -B.Sc. Forestry

1st SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	FOR142M101	Forest Ecology	100	3	2-1-0
	FOR142M111	Forest ecology practical	100	3	0-0-6
Minor	FOR142N101	Basics of Forest Ecology	100	3	2-1-0
Interdisciplinary (IDC)	IKS992K101	Indian Knowledge System - I	100	3	3-0-0
Ability Enhancement course (AEC)	CEN982A101	Communicative English	100	1	1-0-0
	BHS982A102	Behavioural Science-I		1	1-0-0
Skill Enhancement Course (SEC)	FOR142S121	Plant Disease: Identification and control	100	3	0-0-6
Value Added Course (VAC)	VAC-1	To be selected from the common basket	100	3	3-0-0
*MOOCs	MOOCs 1	*MOOCs/online course will be identified by the dept. from the list of courses available on the MOOC online platform/SYAWAM portal	100	3	
TOTAL CREDIT FOR 1st SEMESTER				23	
2nd SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	FOR142M201	Forest systematics & ethnobiology	100	3	2-1-0
	FOR142M211	Forest systematics & ethnobiology Practical	100	3	0-0-6
Minor	FOR142N201	Forest Taxonomy & ethnobiology	100	3	2-1-0
IDC	IKS992K201	Indian Knowledge System - II	100	3	3-0-0
AEC	CEN982A201	Communicative English-II	100	1	1-0-0
	BHS982A202	Behavioural Science-II		1	1-0-0
SEC	FOR142S221	Plant Identification and Herbarium Techniques	100	3	0-0-6
VAC		To be selected from the common basket	100	3	3-0-0
*MOOCs	MOOCs 2	*MOOCs/online course will be identified by the dept. from the list of courses available on the MOOC online platform/SYAWAM portal	100	3	
TOTAL CREDIT FOR 2nd SEMESTER				23	
3rd SEMESTER					

COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	FOR142M301	Forest Mensuration	200	3	2-1-0
	FOR142M311	Forest Mensuration Practical	200	1	0-0-2
	FOR142M302	Silviculture & Nursery Technology	200	4	3-1-0
Minor	FOR142N301	Forest Protection	200	4	3-1-0
IDC		To be selected from Basket Course	200	3	3-0-0
AEC		Communicative English and	200	1	1-0-0
		Behavioural Science-III		1	1-0-0
SEC	FOR142S301	Geology & Soil science	200	2	2-0-0
	FOR142S311	Geology & Soil science Practical		1	0-0-2
*MOOCs	MOOCs 3	*MOOCs/online course will be identified by the dept. from the list of courses available on the MOOC online platform/SYAWAM portal	200	3	
TOTAL CREDIT FOR 3rd SEMESTER				23	
4th SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	FOR142M401	Principles of Agroforestry	200	3	2-1-0
	FOR142M402	Forest Management	200	3	2-1-0
	FOR142M403	Forest Resources Utilization	200	2	2-0-0
	FOR142M413	Forest Resources Utilization Practical	200	1	0-0-2
	FOR142M404	Indigenous Practices in Forestry and Sustainable Resource Management (IKS)	200	3	2-1-0
Minor	FOR142N401	Wildlife Biology	200	3	3-1-0
	FOR142N402	Forest Ecology and Biodiversity Conservation	200	3	3-1-0
AEC		Communicative English and	200	1	1-0-0
		Behavioural Science-IV	200	1	1-0-0
*MOOCs	MOOCs 4	*MOOCs/online course will be identified by the dept. from the list of courses available on the MOOC online platform/SYAWAM portal	200	3	
TOTAL CREDIT FOR 4th SEMESTER				23	
5th SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	FOR142M501	Forest Policy & Legislation	300	4	3-1-0
	FOR142M502	Plantation Forestry	300	3	2-1-0
	FOR142M512	Plantation Forestry Practical	300	1	0-0-2
	FOR142M503	Tree Improvement	300	3	2-1-0

	FOR142M513	Tree Improvement Practical	300	1	0-0-2
Minor	FOR142N501	Farming based livelihood systems	300	4	3-1-0
Internship/Research	FOR142M521	Internship/ Research Project	300	4	0-0-0
TOTAL CREDIT FOR 5th SEMESTER				20	
6th SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	FOR142M601	Forest Biotechnology	300	3	2-1-0
	FOR142M611	Forest Biotechnology Practical	300	1	0-0-2
	FOR142M602	Forest Economics and Marketing	300	4	3-1-0
	FOR142M603	Remote Sensing and GIS Applications	300	2	1-1-0
	FOR142M613	Remote Sensing and GIS Applications Practical	300	2	0-0-4
	FOR142M604	Forest Tribology, Ethnomedicine and Extension	300	3	2-1-0
	FOR142M614	Forest Tribology, Ethnomedicine and Extension Practical	300	1	0-0-2
Minor	FOR142N601	Forest Entrepreneurship and Business Management	300	4	3-1-0
TOTAL CREDIT FOR 6th SEMESTER				20	
7th SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	FOR142M701	Wood Science and Technology	400	3	2-1-0
	FOR142M711	Wood Science and Technology Practical	400	1	0-0-2
	FOR142M702	Forest Biomass Energy and Biofuels	400	4	3-1-0
	FOR142M703	Watershed Planning and Management	400	3	2-1-0
	FOR142M713	Watershed Planning and Management Practical	400	1	0-0-2
	FOR142M704	Industrial Agroforestry	400	4	3-1-0
Minor	FOR142N701	Trees Outside Forests (TOF)	400	4	3-1-0
TOTAL CREDIT FOR 7th SEMESTER				20	
8th SEMESTER					
COMPONENT	COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
Major (Core)	FOR142M801	Innovations in Forest Product and Utilization	400	4	3-1-0
Minor	FOR142N801	Research Methodology	400	4	3-1-0
Project / Dissertation	FOR142M821	Dissertation	400	12	0-0-0
TOTAL CREDIT FOR 8th SEMESTER				20	

