Semester - 1

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100104	Deeksharambh*	0	-	-	-	-	0	100	50	-	-	-	-	-	-	100	50	100
20100107	Communication Skills	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100108	Farming based Livelihood Systems	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100109	Rural Sociology and Educational Psychology	2	2	-	-	50	0	-	-	50	0	-	-	100	50	-	-	100
20100110	Fundamentals of Agronomy	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100111	Fundamentals of Soil Science	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100112	Fundamentals of Horticulture	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100113	National Service Scheme (NSS-I)/ National Cadet Corps (NCC-I)	1	-	2	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100114	Introductory Mathematics*	1	1	-	-	50	0	-	-	50	0	-	-	100	50	-	-	100
	Skill Enhancement Courses	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total	**22**	**12**	**12**		**300**	**0**	**300**	**50**	**300**	**0**			**700**	**350**	**200**	**100**	**900**

Semester - 1 Skill Enhancement Courses

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100105	Horticulture Nursery Management	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100106	Soil, Plant and Water Testing	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100

Semester - 1 Skill Enhancement Courses

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100124	Beneficial insect farming	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100125	Food Processing	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100126	Floriculture and Landscaping	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100127	Piggery Production Technology	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100128	Video Production	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 **Practical Passing % :** 50

Semester - 2 Skill Enhancement Courses 2

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100115	Commercial Horticulture	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100116	Agriculture Waste Management	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100129	Seed Production Technology	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100130	Post Harvest Processing Technology	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100131	Plantation Crop Production and Processing	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100132	Organic Production Technology	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100133	Poultry Production Technology	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100

Semester - 2

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100117	Personality Development	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100118	Environmental Studies and Disaster Management	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100119	Soil Fertility Management	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100120	Fundamentals of Entomology	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100121	Livestock and Poultry Management	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100122	Fundamentals of Plant Pathology	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100

Semester - 2

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100123	National Service Scheme (NSS-II)/ National Cadet Corps (NCC-II)	1	-	2	-	-	0	100	-	-	-	-	-	-	-	100	50	100
	Skill Enhancement Courses 2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total	**21**	**10**	**14**		**240**	**0**	**220**		**240**	**0**			**600**	**300**	**100**	**50**	**700**

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 **Practical Passing % :** 50

Semester - 3 SEC 3

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100201	Production Technology of Bioagents	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100220	Biofertlizer and Biopesticide Production	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100221	Plantation Crops production and Management	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100

Semester - 3

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100202	Entrepreneurship Development and Business Communication	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100203	Physical Education, First Aid, Yoga Practices and Meditation	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100204	Principles of Genetics	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100205	Crop Production Technology-I (Kharif Crops)	3	1	4	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100206	Production Technology of Fruit and Plantation Crops	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100207	Fundamentals of Extension Education	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100208	Fundamentals of Nematology	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100209	Principles and Practices of Natural Farming	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100

Semester - 3

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
	SEC 3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total	**21**	**9**	**20**		**280**	**0**	**240**		**280**	**0**			**700**	**350**	**100**	**50**	**800**

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 **Practical Passing % :** 50

Semester - 4 SEC 4

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100210	Mushroom Production Technology	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100222	Commercial Sericulture	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20100223	Seed Production and Testing Technology	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100

Semester - 4

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100211	Agricultural Informatics and Artificial Intelligence	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100212	Production Technology of Vegetables and Spices	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100213	Principles of Agricultural Economics and Farm Management	2	2	-	-	50	0	-	-	50	0	-	-	100	50	-	-	100
20100214	Crop Production Technology-II (Rabi Crops)	3	1	4	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100215	Farm Machinery and Power	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100216	Water Management	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100217	Problematic Soils and their Management	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100218	Basics of Plant Breeding	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100219	Insect Ecology and Integrated Pest Management	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100

Semester - 4

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	**Subject**	**Credit**	**Lect**	**Lab**	**Tut**	**Max**	**Passing**	**Max**	**Passing**	**Max**	**Passing**	**Max**	**Passing**	**Max**	**Passing**	**Max**	**Passing**	
	SEC 4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total	**23**	**12**	**18**		**370**	**0**	**160**		**370**	**0**			**900**	**450**			**900**

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 **Practical Passing % :** 50

Semester - 5

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100302	Agricultural Marketing and Trade	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100303	Introduction to Agro-meteorology	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100304	Fundamentals of Crop Physiology	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100305	Pest management in Crops and Stored Grains	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100306	Diseases of Field & Horticultural Crops & their Management	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100307	Crop Improvement (Kharif Crops) – I	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100308	Weed Management	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100309	Ornamental Crops, MAPs and Landscaping	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100310	Introductory Agro forestry	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100311	Study Tour*	2	-	-	-	-	0	100	50	-	-	-	-	-	-	100	50	100
	Total	**24**	**13**	**18**		**360**	**0**	**280**	**50**	**360**	**0**			**900**	**450**	**100**	**50**	**1000**

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical

Theory Passing % : 50 **Practical Passing % :** 50

Semester - 6

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100312	Basic and Applied Agricultural Statistics	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100313	Crop Improvement (Rabi Crops) – II	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100314	Renewable Energy in Agriculture and Allied Sector	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100315	Dryland Agriculture/ Rainfed Agriculture and Watershed Management	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100316	Agricultural Microbiology and Phyto –remediation	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100317	Agricultural Finance & Cooperation	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100318	Essentials of Plant Biochemistry	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100319	Fundamentals of Seed Science & Technology	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100320	Fundamentals of Agricultural Biotechnology	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
	Total	**21**	**12**	**18**		**360**	**0**	**180**		**360**	**0**			**900**	**450**			**900**

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 **Practical Passing % :** 50

Semester - 7

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100409	Agri-Business Management	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100410	Management of Natural Resources	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100411	Agrochemicals	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100412	Agricultural Journalism	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100413	Landscaping	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100414	Commercial Plant Breeding	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100415	Food Safety and Standards	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100416	Bioformulation and Nano formulation	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100417	Biopesticides and Biofertilizers	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100418	System Simulation and Agro advisory	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100419	Hi-tech Horticulture	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100420	Protected Cultivation	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100421	Climate Resilient Agriculture	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100422	Biotechnology of Crop Improvement	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100423	Geoinformatics and Remote Sensing, Precision Farming	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100424	Micro-propagation Technologies	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100425	Commercial Seed Production	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100

Semester - 7

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	**Subject**	**Credit**	**Lect**	**Lab**	**Tut**	**Max**	**Passing**	**Max**	**Passing**	**Max**	**Passing**	**Max**	**Passing**	**Max**	**Passing**	**Max**	**Passing**	
20100426	Principles and Practices of Organic Farming/ Conservation Agriculture	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100427	Food Science and Nutrition	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20100428	Post-Harvest Technology and Value Addition	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
	Total	**80**	**60**	**40**		**800**	**0**	**400**		**800**	**0**			**2000**	**1000**			**2000**

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical

Theory Passing % : 50 **Practical Passing % :** 50

Semester - 8

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20100429	Student READY :RAWE/ Industrial Attachment /Experiential Learning / Hands-on Training/ Project Work / Internship	20	-	40	-	-	0	100	-	-	-	-	-	-	-	100	50	100
	Total	**20**		**40**			**0**	**100**								**100**	**50**	**100**

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 **Practical Passing % :** 50