

## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Statistical Methods For Applied Sciences	
Course Code	STAT-502[T]	
Course Outcomes	CO1- Describe the under standing of basic concept of field of agriculture(BL1-Remember) CO2- Explain the concepts of probability distributions of agricultural data analysis(BL2-Understand) CO3- Calculate the various statistical parameters of giparametric and non-parametric tests(BL3-Apply) CO4- Investigate the multivariate analysis using difference CO5- Evaluate the use of various statistical software utest/analysis(BL5-Evaluate)	and various statistical tools used ven data samples using ent software(BL4-Analyze)
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-
CO3	1	-	1	-	-	1	1	-	-	-	1	1	-	-	-
CO4	1	1	-	1	-	-	-	1	-	-	1	2	-	-	-
CO5	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



# Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Production of Cool Season Vegeta	oduction of Cool Season Vegetable Crops											
Course Code	VSC-501[T]												
Course Outcomes & Bloom's Level	CO1- Enlist the varietal strength of CO2- Explain the production techn Understand) CO3- Demonstrate the intercultura Apply) CO4- Analyze the difference betwee (BL4-Analyze) CO5- Apply knowledge of intercultura (BL5-Evaluate)	ology of temperate v I operations in cool s een cool season and	egetable crops.(BL2- eason vegetable crops.(BL3- warm season vegetable crops.										
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG2(Zero hunger) SDG15(Life on land)										

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	P08	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	2	2	-	-	-	-	-	-	-	-	-	-	1	-	-
CO3	-	-	1	-	-	-	2	-	1	-	-	-	-	-	-
CO4	1	1	1	-	-	-	1	-	-	-	1	-	-	-	-
CO5	1	-	1	-	-	-	1	-	1	1	-	-	1	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



# Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Growth and Development of Vege	table Crops	
Course Code	VSC-503[T]		
Course Outcomes & Bloom's Level	CO1- To identify plant growth subs CO2- To understand role and use of (BL2-Understand) CO3- To detect plant growth substa CO4- To analyze plant growth phys CO5- To evaluate the effects of abi	of plant growth substance in plant sample siology.( <b>BL4-Analyze</b>	ance in vegetable production. (BL3-Apply)
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG15(Life on land)

COs	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
CO2	-	-	-	-	-	-	1	-	-	-	2	2	-	-	-
CO3	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
CO4	-	-	-	-	-	-	1	-	-	-	1	1	1	-	-
CO5	1	-	-	-	-	-	1	-	-	-	1	1	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



# Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Princinples of Vegetable Breeding	rincinples of Vegetable Breeding										
Course Code	VSC-504[T]											
Course Outcomes & Bloom's Level	CO1- Describe principles and prace Remember) CO2- Describe principles and prace Understand) CO3- Identify constructive approact CO4- Apply advance techniques of CO5- Use basic biometric genetics Evaluate)	tices adopted for bre thes in hybrid seed p f breeding in vegetab	reding of vegetable crops.(BL2- roduction.(BL3-Apply) ble crops.(BL4-Analyze)									
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG15(Life on land)									

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	P08	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	2	-	-	2	-	-	2	-	-	-	-	2	-	-	-
CO3	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-
CO4	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-
CO5	1	-	-	1	-	-	1	-	-	-	-	1	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



# Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Library and Information Services	orary and Information Services											
Course Code	PGS-501[P]	3S-501[P]											
Course Outcomes & Bloom's Level	CO2- Carry out literature surveys CO3- Apply the modern tools (In search(BL3-Apply) CO4- Equip the students/scholar efficiently(BL4-Analyze)	O4- Equip the students/scholars with skills to trace information from libraries											
Course Elements	Skill Development X Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG4(Quality education)										

COs	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	-	-	-	2	-	-	-	-	-	-	2	-	-	-
CO2	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-
CO3	1	-	-	-	1	-	-	-	-	2	-	1	-	-	-
CO4	1	-	1	-	1	-	-	1	-	1	-	-	-	-	-
CO5	1	-	-	-	1	-	-	-	-	1	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



# Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Technical Writing and Communication Skill	
Course Code	PGS-502[P]	
Course Outcomes & Bloom's Level	CO1- Define various aspects of technical writing and of Remember) CO2- Translate scientific literatures for effective draft of Understand) CO3- Apply the writing and communication skills at sc CO4- Relate the various scientific works on the given CO5- Equip the students/scholars with skills to write detc.(BL5-Evaluate)	of technical writings.(BL2- ientific platform.(BL3-Apply) research ideas.(BL4-Analyze)
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)

COs	PO1	PO2	PO3	PO4	PO5	PO6	P07	P08	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	2	-	-	2	-	-	-	-	-	-	3	-	-	-
CO2	2	-	2	-	-	2	2	-	-	2	2	-	1	-	-
CO3	-	-	-	-	-	1	1	-	-	1	1	1	-	-	-
CO4	2	1	-	-	-	1	-	1	-	-	-	-	-	-	-
CO5	1	1	-	1	-	-	-	-	-	1	-	1	1	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Subtropical and Temperate Fruit Pr	Subtropical and Temperate Fruit Production										
Course Code	SC-502[T]											
& Ricom's Level	CO1- State structure, nature and im CO2- Describe Planting and Orchar CO3- Discuss about the importance Apply) CO4- Describe about quality improved harvesting, grading, packing, storage CO5- Identification of physiological	d Floor Managemen of use of bio-fertilize rement by managem le( <b>BL4-Analyze</b> )	ers, role of bio-regulators, (BL3-ent practices; maturity indices,									
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability X Professional Ethics X Gender X Human Values X Environment X		SDG2(Zero hunger) SDG15(Life on land)									

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	2	-	3	2	3	-	2	-	-	3	2	1	-
CO2	3	2	1	2	2	2	2	-	2	1	-	2	1	1	-
CO3	2	2	-	2	1	-	2	-	-	-	-	2	1	-	-
CO4	1	-	1	1	1	1	1	-	1	1	-	1	1	1	-
CO5	1	1	-	-	1	1	1	-	1	1	-	1	1	1	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Intellectual Property and Its Management in Agricultur	tellectual Property and Its Management in Agriculture										
Course Code	PGS-503[T]	S-503[T]										
	CO1- Define various aspects of IPR.(BL1-Remember CO2- Elaborate scope of various types of IPRs in agri CO3- Understand the significance of various national biodiversity protection.(BL3-Apply) CO4- Apply the approach of IPRs for protection.(BL4-CO5- CO-5 Equip the students/scholars with skills to a	culture.(BL2-Understand) and international initiatives for Analyze)										
Course Elements	Skill Development X  Entrepreneurship ✓  Employability X  Professional Ethics ✓  Gender X  Human Values X  Environment X	SDG (Goals)										

COs	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	-	-	-	1	-	-	-	2	-	-	-	2	-	-	-
CO3	2	-	3	-	-	-	-	-	-	-	-	1	-	-	-
CO4	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
CO5	1	-	-	-	-	-	-	1	-	-	-	-	_	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Experimental Designs											
Course Code	STAT-512[T]	AT-512[T]										
Course Outcomes & Bloom's Level	CO1- Describethebasic concept todesigningoffieldexp CO2- Compare the different experimental designs use experiments (BL2-Understand) CO3- Demonstrate the analysis of covariance in basic of factorial experiments (BL3-Apply) CO4- Analyse the result of various statistical designs a interpretation (BL4-Analyze) CO5- Assess the suitability of different Software for the statistical analysis of different designs for different (BL5-Evaluate)	ed in agriculture field esignsandconfoundingin along give scientific										
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)										

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	P08	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-
CO2	1	-	-	1	1	-	1	-	1	1	-	_	-	-	-
CO3	-	1	1	-	-	-	-	1	1	1	-	-	-	-	-
CO4	1	-	1	-	-	-	1	-	1	-	-	_	1	-	-
CO5	1	1	1	-	-	-	-	-	1	-	1	-	-	-	-
CO6	_	_	-	-	-	_	_	-	_	-	_	-	-	-	-



# Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Production Technology Of Warm S	Season Vegetable Cr	ops										
Course Code	VSC-502[T]	SC-502[T]											
Course Outcomes & Bloom's Level	CO1- Enlist the varietal strength of CO2- Explain the production techn Understand) CO3- Demonstrate the intercultura Apply) CO4- Analyze the difference betwee (BL4-Analyze) CO5- Apply knowledge of intercultura (BL5-Evaluate)	ology of warm season I operations in warm een warm season and	season vegetable crops.(BL3-d cool season vegetable crops.										
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG2(Zero hunger) SDG15(Life on land)										

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
CO2	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-
CO3	-	1	-	-	-	-	1	-	1	-	-	2	-	1	-
CO4	1	-	-	-	-	1	-	-	-	-	-	-	1	-	-
CO5	1	1	-	-	-	1	1	-	1	-	-	1	-	-	-
CO6	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-



## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Breeding of Cross Pollinated Veget	reeding of Cross Pollinated Vegetable Crops											
Course Code	VSC-506[T]	SC-506[T]											
Course Outcomes & Bloom's Level	CO1- Acquire knowledge about the breeding of cross pollinated vegetable crops(BL1-Remember) CO2- Improve yield, quality, abiotic and biotic resistance, and important traits of cross pollinated vegetable crops(BL2-Understand) CO3- Explain how to start the breeding of cross pollinated vegetable crops(BL3-Apply) CO4- Analyse the importance of breeding programme of cross pollinated vegetable crops(BL4-Analyze) CO5- Apply how to develop new varieties of cross pollinated vegetable crops(BL5-Evaluate)												
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG15(Life on land)										

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
CO2	-	2	-	-	-	-	2	-	-	2	-	-	1	-	-
CO3	2	1	-	1	-	1	-	-	-	-	-	-	-	-	-
CO4	-	1	-	1	-	-	1	-	-	1	-	-	1	-	-
CO5	-	-	-	1	-	1	-	-	-	1	-	2	_	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



# Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Basic Concept in Laboratory Techniques	
Course Code	PGS-504[P]	
	CO1- Describe the basic concepts and working princip instruments and techniques (BL1-Remember) CO2- Explain the SOPs of various equipments and techniferentlaboratories (BL2-Understand) CO3- Demonstrate the analysis of physiochemical, more equipments and techniques and solve problems with the CO4- Examine the results of various lab analysis with Analyze) CO5- Assess the precision level of laboratory instrumes suitable methods for performing the different lab analysis.	chniques used in  plecular analysis using different rouble shooting. (BL3-Apply) scientific explanation (BL4-  ents and techniques and find the
Course Elements	Skill Development X Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	P08	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	-	2	-	-	2	-	-	-	-	2	-	2	_
CO2	2	2	-	2	-	-	-	-	-	-	-	2	-	2	_
CO3	2	2	-	1	-	-	-	-	-	-	-	1	-	1	-
CO4	1	1	-	1	-	-	-	-	-	1	-	1	-	1	_
CO5	1	1	-	1	-	-	1	-	1	1	-	1	-	1	-
CO6	-	-	-	-	-	-	-	-	-	-	-	_	-	-	-



# Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Masters Seminar	asters Seminar											
Course Code	VSC-591												
	CO2- Identify the problem, form CO3- Engage in dialogue with it	<ul> <li>Demonstrate a sound knowledge of selected seminar topic.(BL1-Remember)</li> <li>Identify the problem, formulate a solution, and implement it.(BL2-Understand)</li> <li>Engage in dialogue with individuals and the larger community.(BL3-Apply)</li> <li>Provide solutions for challenging issues in the field(BL4-Analyze)</li> </ul>											
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG4(Quality education)										

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-
CO3	-	-	-	1	-	1	-	-	-	3	-	2	-	-	-
CO4	-	-	-	-	-	1	-	-	-	1	-	1	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	_	-	-	-	-	-	_	-	-	-	-	-



## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Masters Research	asters Research											
Course Code	VSC-599	C-599											
Course Outcomes & Bloom's Level													
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG4(Quality education)										

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



# Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Nutrition of Fruit Crops	utrition of Fruit Crops											
Course Code	FSC-508[T]	SC-508[T]											
	CO1- Describe the basic concepts Remember) CO2- Understand the importance a mechanisms(BL2-Understand) CO3- Apply the corrective measure CO4- Analyse soil and plant status CO5- Evaluate the role various nuticevaluate)	nd various types of rest to overcome deficing with respect to vario	nutrients and their uptake ency or toxicity(BL3-Apply) us nutrients(BL4-Analyze)										
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability X Professional Ethics X Gender X Human Values X Environment ✓	SDG (Goals)	SDG15(Life on land)										

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_
CO2	2	-	2	-	-	-	1	-	-	-	-	2	-	-	-
CO3	-	1	1	-	-	1	2	-	-	-	-	-	-	-	-
CO4	1	1	-	-	-	-	1	-	1	-	-	1	-	-	-
CO5	1	1	1	-	-	1	1	-	1	-	-	1	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Agricultural Research Ethics and Rural Development	Programmes
Course Code	PGS-505[T]	
	CO1- Define various aspects of agricultural research. (CO2- Understand the research ethics. (BL2-Understa CO3- Apply the skill for rural development programme CO4- Relate the functioning of agricultural research sy international levels. (BL4-Analyze) CO5- Equip the students/scholars with skills to perform	nd) es.(BL3-Apply) ystems at national and
Course Elements	Skill Development X Entrepreneurship X Employability X Professional Ethics ✓ Gender X Human Values X Environment X	SDG (Goals)

COs	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	2	2	-	-	2	-	-	-	-	2	-	-
CO2	2	2	-	1	-	-	3	-	-	2	-	2	-	-	-
CO3	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-
CO4	1	1	-	-	1	1	-	1	-	1	-	1	-	-	-
CO5	1	1	-	1	-	-	1	-	-	1	-	1	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_



## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Postharvest Management of Horticulture Produce	
Course Code	PHM-501[T]	
Course Outcomes & Bloom's Level	CO1- State structure, nature and importance of hortice CO2- Describe regulation of ripening by use of chemic Understand) CO3- Operate pre and Postharvest treatments for extending process of the cost	cals and growth regulators(BL2- ending storage life/ vase life(BL3- produce(BL4-Analyze)
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
CO2	2	-	2	-	2	-	2	-	-	-	-	2	-	-	-
CO3	-	1	-	-	1	1	1	-	-	-	-	1	-	-	-
CO4	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-
CO5	1	1	1	-	-	-	1	-	1	-	-	1	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Breeding of Self Pollinated Vegetab	le Crops								
Course Code	VSC-505[T]									
Course Outcomes & Bloom's Level	pollinated vegetable crops improven CO2- Explain the various procedure interest and advance technologies us crops(BL2-Understand) CO3- Utilize the crop improvement of varieties, F1 hybrids and advance by Apply) CO4- Investigate the suitability of differants depending upon gene action, is self-pollinated vegetable crops(BL4-CO5- Assess the breeding behavious maintenance strategiesself-pollinated CO6- Formulate the breeding strategies.	D3- Utilize the crop improvement concepts and principles for developing improvineties, F1 hybrids and advance breeding linesself-pollinated vegetable crops(Boply) D4- Investigate the suitability of different methods and technologies for the particular depending upon gene action, inheritance pattern and nature of donor parent lf-pollinated vegetable crops(BL4-Analyze) D5- Assess the breeding behaviour of various breeding population along with the aintenance strategiesself-pollinated vegetable crops(BL5-Evaluate) D6- Formulate the breeding strategies for transferring gene of interest from difference of various biotic and abiotic stress and quality traitsself-pollinated vegetable								
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability X Professional Ethics X Gender X Human Values X Environment X  SDG (Goals) SDG15(Life on land)									

COs	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	2	-	-	2	-	-	-	-	-	-	-	-
CO2	-	2	1	1	-	2	1	-	-	-	-	-	1	-	_
CO3	2	-	1	2	-	1	1	-	1	-	-	-	-	1	_
CO4	-	1	-	-	-	-	-	-	-	-	-	3	2	-	_
CO5	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_



## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Seed Production of Vegetable Cro	Seed Production of Vegetable Crops								
Course Code	/SC-508[T]									
	CO1- Memorize principles and met CO2- Describe the basic principles pollinated species.(BL2-Understar CO3- Experiment with processing a CO4- Evaluate the agro-techniques pollinated species.(BL4-Analyze) CO5- Investigate the seed certificate	of vegetable seed pand) and management of vegetable seed	roduction in self and cross- vegetable seeds.(BL3-Apply) production in self and cross-							
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG15(Life on land)							

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
CO2	-	2	2	-	-	-	2	-	-	-	-	2	-	-	-
CO3	1	1	-	1	1	1	-	-	1	-	-	-	-	-	-
CO4	-	1	-	1	-	-	1	-	-	-	-	1	-	-	-
CO5	1	-	-	-	1	1	-	-	-	-	-	1	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



# Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Organic Vegetable Producti	Organic Vegetable Production								
Course Code	VSC-511[T]	SC-511[T]								
	Understand) CO3- Apply concept of biody production.(BL3-Apply)	nagement in orga namic and EM to on measures in o	anic vegetable production.( <b>BL2</b> -echnology in organic vegetable rganic vegetable							
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability X Professional Ethics X Gender X Human Values X Environment ✓	SDG (Goals)	SDG3(Good health and well-being) SDG15(Life on land)							

COs	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	-	2	-	-	2	2	-	-	-	-	-	2	-	-	-
CO3	2	-	1	2	-	-	-	-	-	-	-	-	-	-	-
CO4	-	2	1	-	-	1	-	-	-	-	-	1	-	-	-
CO5	1	1	-	-	1	1	1	-	-	1	-	1	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Masters Research	
Course Code	VSC-599[P]	
Course Outcomes & Bloom's Level		
	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)

COs	PO1	PO2	PO3	PO4	PO5	PO6	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



## Course mapping with relevance to the local, regional, national, and global developmental needs

Title of the Course	Masters Research	
Course Code	VSC-599	
Course Outcomes & Bloom's Level		
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-