

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

Title of the Course	Introduction To Food Tech	ntroduction To Food Technology [T]											
Course Code	BSFT-0101[T]	SFT-0101[T]											
Course Outcomes & Bloom's Level	food, nutraceuticals, fabric Remember) CO2- To understand the fo Understand) CO3- To provide experime technology (BL3-Apply) CO4- To evaluate the appli	ated foods, cor od science cor ntal basis and ications of food anding of food	alth food, ethnic food, organic food, functional nvenience foods, GM foods, space foods(BL1-ncepts and food adulteration(BL2-processing ideas of fruits and vegetables I laws in different food products(BL4-Analyze) technology in developing new food products uate)										
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X SDG (Goals) SDG3(Good health and well-being) SDG6(Clean water and sanitation) SDG12(Responsible consuption and production)												

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



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

Title of the Course	Food Microbiology [T]												
Course Code	BSFT-0102[T]	SFT-0102[T]											
Course Outcomes & Bloom's Level	CO2- To understand the signific characteristics of foodborne, was for their isolation, detection and CO3- To provide experimental knowledge and understanding i CO4- To apply the subject knowproduction, fermentation and he Analyze) CO5- To evaluate the application	ncing their growth cance and activition aterborne and spo didentification(BL casis, and to enal on the field of food wledge in future power it influences the	n and survival(BL1-Remember) es of microorganisms in food and bilage microorganisms, and methods 2-Understand) ble students to acquire a specialized d microbiology.(BL3-Apply) erspectives i.e. such as in food										
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG3(Good health and well-being) SDG6(Clean water and sanitation)										

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



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

Title of the Course	Food Chemistry [T]		
Course Code	BSFT0103[T]		
Course Outcomes & Bloom's Level	including the principles of biolog aspects of biological componen CO2- To understand the core prochemical biology including nucleand membrane proteins, enzym Understand) CO3- To provide the students a food biochemistry(BL3-Apply) CO4- To apply the subject know constituents' interactions and th	gical phenomena, ts (BL1-Remembrinciples and topic eic acid structure e kinetics and druspecialized known ledge in future peeir isolation, utilized of principles of	es of chemistry, structural and and and interactions, signaling proteins ug discovery and protein design(BL2-vledge and understanding in the field of
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG3(Good health and well-being)

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



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

Title of the Course	NCC-I	CC-I											
Course Code	NCC-I												
	CO1- Develop the qualities CO2- Imbibe leadership qu CO3- Be motivated to serve CO4- Contribute in environ CO5- Keep abreast of curre CO6- Effectively contribute	alities. () e the nation by jo mental awarenes ent affairs & geno	pining Armed forces. () ss and conservation activities() eral awareness.()										
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values ✓ Environment ✓	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG6(Clean water and sanitation) SDG13(Climate action) SDG15(Life on land)										

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	Basic Soft Skills	
Course Code	SEC-I	
	CO1- Aims to increase learner's computer knowledge a develop attributes that enhance an individual's interact performance. (BL2-Understand) CO2- The objective of the course is to inculcate potent prepare them to deal with the external world in a collab effectively, take initiative, solve problems, and demonst to hold a good impression and positive impact.(BL3-ApCO3- is able to train learners' thinking, to improve their able to enrich learners by fostering the building of self-(BL4-Analyze)	ions, earning power and job ial skills in the learners to corative manner, communicate trate a positive work ethic so as oply) perseverance and patience. is
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	1	1	1	-	1	1	-	-	-	2	1	1
CO2	1	2	1	2	2	1	1	-	-	1	1	-	3	1	2
CO3	2	2	3	2	3	-	-	1	-	1	-	-	3	1	2
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Bionstrumentation [T]	
Course Code	SEC-I [T]	
Course Outcomes & Bloom's Level	CO1- Demonstrate an understanding of physics and electrodes(BL1-Remember) CO2- Demonstrate an understanding of the biomedica aspects of device design and applications(BL2-Unders CO3- Apply these principles in the context of bioinstrur tissues, organs and human body to explain the measure the instrumentation(BL3-Apply) CO4- Students will demonstrate these abilities and hor gathering, computational and data-handling skills in ho Analyze) CO5- They will demonstrate their proficiency formally in	I instrumentation principles in stand) mentation interactions with rement results and to develop the appropriate information mework and lab exercises.(BL4-
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	1	1	1	1	-	1	-	1	-	1	-	-	1	1	1
CO2	2	1	1	1	1	-	-	1	-	1	-	-	1	1	1
CO3	2	2	2	2	1	1	1	1	1	1	-	-	2	1	1
CO4	3	2	2	1	1	-	1	-	1	-	1	-	2	1	1
CO5	3	2	2	1	1	1	1	1	1	-	1	-	2	1	1
CO6	-	-	-	-	-	_	-	-	-	-	-	_	-	-	_



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

Title of the Course	Environmental Science [T]												
Course Code	VAC-I [T]												
Course Outcomes & Bloom's Level	Understand) CO3- To develop positive a environmental challenges be development(BL3-Apply) CO4- Acquire expertise and and techniques of monitoring environment instrumentatio implementation, and mainter CO5- Students acquire skillenges.	CO2- To Understand the concepts of ecosystems, biodiversity and conservation(BL2- Understand) CO3- To develop positive attitude towards practical response to different types of environmental challenges by adopting advance technology and sustainable											
Course Elements	Skill Development X Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment ✓	SDG (Goals)	SDG1(No poverty) SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG6(Clean water and sanitation) SDG7(Affordable and clean energy) SDG8(Decent work and economic growth) SDG10(Reduced inequalities) SDG11(Sustainable cities and economies) SDG12(Responsible consuption and production) SDG13(Climate action) SDG14(Life below water) SDG15(Life on land) SDG17(Partnerships for the goals)										

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



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

Title of the Course	Health and Wellness	alth and Wellness											
Course Code	AEC-1 [T]												
Course Outcomes	in daily life. (BL1-Remen CO2- To introduce the lea (BL2-Understand) CO3- To introduce learne well-being. (BL3-Apply)	O3- To introduce learners to health behavior and promotion of human strengths for ell-being. (BL3-Apply) O4- demonstrate adequate knowledge on well-being and promotion of healthy											
Course Elements	Skill Development X Entrepreneurship X Employability ✓ Professional Ethics X Gender ✓ Human Values ✓ Environment X	SDG (Goals)	SDG1(No poverty) SDG2(Zero hunger) SDG3(Good health and well-being) SDG12(Responsible consuption and production)										

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



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

Title of the Course	English I [T]	lish I [T]											
Course Code	AEC-I [T]												
Course Outcomes & Bloom's Level	CO1- Comprehend and summarize prerequisite to Technical Communicocal Classify and formulate the elements writing using applicative gramma CO3- Create cohesive technical paraphrase text(s) and use CO5- Evaluate goal setting, managements.	nication(BL1-Reme elementary intricac r construct.□(BL2- paragraphs & text.(appropriate refere	ember) ies of Scientific and Technical Understand) BL3-Apply) ncing styles(BL4-Analyze)										
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values ✓ Environment X	SDG (Goals)	SDG4(Quality education)										

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



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

Title of the Course	Introduction to Mathematics [T]		
Course Code	GE-I [T]		
Course Outcomes & Bloom's Level	CO1- To remember mean, med CO2- To understand various the CO3- To apply statistics in food CO4- To analyze problem and pCO5- To acquire an overall conditions.	eorems(BL2-Under industries, errors, p provide solutions(BL	stand) precision and threshold(BL3-Apply) _4-Analyze)
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	1	1	1	1	1	-	-	-	1	1	-	-	1	2	1
CO2	2	2	1	1	-	-	1	-	-	-	-	-	1	2	1
CO3	2	2	2	2	-	1	-	-	-	1	-	-	2	2	1
CO4	3	2	2	2	1	-	1	-	-	-	-	-	2	2	2
CO5	3	2	2	2	-	-	1	-	-	1	-	-	2	2	3
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Introduction to Biology [T]		
Course Code	GE-I [T]		
	Genetics(BL2-Understand) CO3- To understand the imp CO4- To provide experimen classification and animal ide trees(BL4-Analyze) CO5- To evaluate the applic	ssification of live cortance of Bioletal basis and to entification as we cations of Biologo	iology(BL1-Remember) ing world evolution and phylogeny and ogy and its applications(BL3-Apply) enable students to basic concept of vell as construction of phylogenetic gy in various fields(BL5-Evaluate) y in various field R&D and industries
Course Elements	Skill Development X Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG1(No poverty) SDG4(Quality education) SDG11(Sustainable cities and economies) SDG14(Life below water) SDG15(Life on land)

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



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

Title of the Course	Technology of Food Processing	g and Preservatio	on [T]
Course Code	BSFT-0201 [T]		
Course Outcomes & Bloom's Level	and demerits(BL1-Remember) CO2- To understand the basic of methods including non-thermal and microwave(BL2-Understand CO3- To provide experimental knowledge and understanding CO4- To apply the subject knowledget, preserving fresh product.	concepts of therm food processing nd) pasis, and to ena- in the field of food vledge in future p lice, killing microb on of food preserv	erspectives i.e. developing new
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment ✓	SDG (Goals)	SDG2(Zero hunger) SDG3(Good health and well-being) SDG6(Clean water and sanitation)

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



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

Title of the Course	Food Additives [T]									
Course Code	BSFT-0202 [T]									
Course Outcomes & Bloom's Level	their importance. (BL1-Remen CO2- To understand the applic nutrition in addition to their stal CO3- To provide the students a food additives and their utilizat CO4- To apply the subject known processing and new product de CO5- To evaluate the theoretic	nber) ations of different cilization and profes a specialized know ion(BL3-Apply) wledge in future p evelopment.(BL4 al knowledge in o	ssification, properties, usage limit and additives in food processing and tection techniques(BL2-Understand) wledge and understanding in the field of perspectives i.e. such as in food -Analyze) different commercialized products and alue added food products(BL5-							
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✓ Gender X Human Values X Environment ✓									

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



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

Title of the Course	Processing of Fruits and Veget	rocessing of Fruits and Vegetables[T]											
Course Code	BSFT-0203 [T]												
Course Outcomes & Bloom's Level	CO1- To remember the specific processing technologies used for vegetable, fruits an products derived from these materials (BL1-Remember) CO2- To understand the application of scientific principles in the processing technologies, product specification and regulations (BL2-Understand) CO3- To provide students an experimental basis and a specialized knowledge and understanding in the changes in the composition of the raw material with respect to type of processing technology used (BL3-Apply) CO4- To apply the subject knowledge in future perspectives i.e. such as in fruits/vegetables processing and new product development from them (BL4-Analyze CO5- To evaluate the real life knowledge gained in fruits and vegetables composition and properties and implement the same to create processed and value added food products. (BL5-Evaluate)												
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X SDG2(Zero hunger) SDG3(Good health and well-being) SDG6(Clean water and sanitation)												

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



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

Title of the Course	NCC-2	C-2											
Course Code	NCC-2												
	CO1- Develop the qualities CO2- Imbibe leadership qu CO3- Be motivated to serve CO4- Contribute in environ CO5- Keep abreast of curre CO6- Effectively contribute	alities. () e the nation by jo mental awarene: ent affairs & geno	pining Armed forces. () ss and conservation activities() eral awareness.()										
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values ✓ Environment ✓	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG6(Clean water and sanitation) SDG13(Climate action) SDG15(Life on land)										

COs	PO1	PO2	PO3	PO4	PO5	P06	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	Mathematical aptitude and Re	asoning [T]	
Course Code	SEC- II		
Course Outcomes & Bloom's Level	understand the basic mathematic CO2- CO2: To demonstrate vaproblems and thereby reducing Understand) CO3- CO3: To provide experimathematics to analyze real-lift CO4- CO4: To develop and evanalyze)	atics tools (BL1-Frious principles in g the time taken for mental basis and if we situations (BL3 aluate abstract, lowerstanding of math	nvolved in solving mathematical for performing job functions (BL2-increase students' aptitude using B-Apply) ogical and critical thinking. (BL4-ematical aptitude and reasoning to
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG1(No poverty) SDG2(Zero hunger) SDG3(Good health and well-being) SDG4(Quality education)

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



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

Title of the Course	India in 21st Centuary [T]	dia in 21st Centuary [T]											
Course Code	VAC-II [T]												
Course Outcomes & Bloom's Level	CO2- 2. Students are able after Independence India.(ICO3- 3. Students are able change with reference to make the country of th	eedom movement and development of political Institutions. (BL1-Remember) 2- 2. Students are able to summarize and extract the time before Independence and er Independence India. (BL2-Understand) 3- 3. Students are able to evaluate India society, Its nature and agencies of social ange with reference to modernization. (BL5-Evaluate) 4- 4. Students are able to write the historical accounts that shaped the very nature discharacter of 20 and 21 st century India with reference to Nation Building and											
Course Elements	Skill Development X Entrepreneurship X Employability X Professional Ethics X Gender Human Values Environment	SDG (Goals)	SDG1(No poverty) SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG10(Reduced inequalities) SDG12(Responsible consuption and production) SDG13(Climate action)										

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



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

Title of the Course	Communication skills [T]	mmunication skills [T]											
Course Code	AEC-2 [T]												
Course Outcomes & Bloom's Level	CO1- Comprehend and summarize prerequisite to Technical Communicocal Classify and formulate the elements writing using applicative gramma CO3- Create cohesive technical paraphrase text(s) and use CO5- Evaluate goal setting, managements.	nication(BL1-Reme elementary intricac r construct.□(BL2- paragraphs & text.(appropriate refere	ember) ies of Scientific and Technical Understand) BL3-Apply) ncing styles(BL4-Analyze)										
Course Elements	Skill Development ✓ 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	2	-	-	-	2	2	-	-	-	2	-	-	1	-	1
CO2	2	2	1	2	2	2	-	-	-	2	-	-	1	-	3
CO3	2	1	1	-	1	-	-	-	-	2	-	-	3	2	3
CO4	3	2	-	2	1	-	-	-	-	2	-	-	2	3	3
CO5	3	2	-	2	1	-	-	-	-	2	-	-	2	2	3
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Hindi I [T]		
Course Code	AEC-II [T]		
	CO3- सांस्कृति क चेतना और राष्ट्र CO4- भाषा-ज्ञान(BL2-Underst	र्ज्ञ अध्ययन सेरूचि क गेय भावना का वि क and)	ग वि कास करना(BL2-Understand)
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values ✓ Environment X	SDG (Goals)	SDG3(Good health and well-being)

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	P08	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	1	1	1	1	1	-	2	-	3	-	-	3	1	1
CO2	3	1	1	1	1	1	-	2	-	3	-	-	3	1	1
CO3	3	1	1	1	1	1	-	2	-	3	-	-	3	1	1
CO4	3	1	1	1	1	1	-	2	-	3	-	-	3	1	2
CO5	3	1	1	1	1	1	-	2	-	3	-	-	3	1	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Tools and techniques for food [T]	
Course Code	GE-II [T]	
Course Outcomes & Bloom's Level	CO1- Demonstrate an understanding of physics and electrodes(BL1-Remember) CO2- Demonstrate an understanding of the biomedica aspects of device design and applications(BL2-Unders CO3- Apply these principles in the context of bioinstrur tissues, organs and human body to explain the measu the instrumentation(BL3-Apply) CO4- Students will demonstrate these abilities and hor gathering, computational and data-handling skills in ho Analyze) CO5- They will demonstrate their proficiency formally in	I instrumentation principles in stand) mentation interactions with rement results and to develop the appropriate information between and lab exercises.(BL4-
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	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	-	1	-	1	-	1	-	-	1	1	1
CO2	2	1	1	1	1	-	-	1	-	1	-	-	1	1	1
CO3	2	2	2	2	1	1	1	1	1	1	-	-	2	1	1
CO4	3	2	2	1	1	-	1	-	1	-	1	-	2	1	1
CO5	3	2	2	1	1	1	1	1	1	-	1	-	2	1	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Basics of food biochemistry [T]	asics of food biochemistry [T]											
Course Code	GE-II [T]												
Course Outcomes & Bloom's Level	including the principles of biolog aspects of biological componen CO2- To understand the core prochemical biology including nucleand membrane proteins, enzymunderstand) CO3- To provide the students a food biochemistry.(BL3-Apply) CO4- To apply the subject know constituents' interactions and the	gical phenomena, ts. (BL1-Remember inciples and topic eic acid structure se kinetics and drust specialized known ledge in future peeir isolation, utilized of principles of	cs of chemistry, structural and and interactions, signaling proteins ug discovery and protein design(BL2-vledge and understanding in the field of										
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG2(Zero hunger) SDG3(Good health and well-being)										

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



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

Title of the Course	Processing of cereals, mil	Processing of cereals, millets and pulses [T]										
Course Code	BSFT-0301 [T]											
	methods used to increase CO2- To understand the components and their role CO3- To provide the stude understanding in the field CO4- To apply the subject interpretation of cereals, proco5- To evaluate the prace	cereal grains, pore principles, a in end use quants an experiment of cereals processing the world and oil-settical knowledge	nental basis and specialized knowledge and									
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X SDG1(No poverty) SDG2(Zero hunger) SDG3(Good health and well-bein SDG12(Responsible consuption a production)											

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



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

Title of the Course	Unit Operation [T]	
Course Code	BSFT-0302 [T]	
Course Outcomes & Bloom's Level	CO1- The subject Unit Operations is designed for under technology for understanding of basic concepts of each subject along with its applications in other fields. (BL1-CO2- The course aims to provide experimental basis, a acquire a specialized knowledge on different technique CO3- The course aims to provide basis of analyzing the in various fields of research and industries. (BL3-Apply CO4- The course aims to provide basis of design, produced through research and in industries. (BL3-CO5- To apply the tools in identifying the problems and (BL5-Evaluate)	n and every division of the Remember) and to enable students to es (BL2-Understand) e applications of Unit Operations by) luction, transfer of mass and 4-Analyze)
Course Elements	Skill Development X Entrepreneurship X Employability ✓ 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	1	1	1	1	-	1	1	-	-	1	1	-	1	1	1
CO2	1	1	1	-	-	-	-	1	-	-	-	-	1	1	1
CO3	2	1	2	-	1	2	-	1	-	1	1	-	2	1	2
CO4	2	2	2	-	-	2	-	-	-	-	-	-	2	2	2
CO5	3	2	2	1	-	1	-	1	-	1	2	-	3	2	3
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Processing of spices and I	Processing of spices and plantation crops [T]										
Course Code	BSFT-0303 [T]											
Course Outcomes & Bloom's Level	economy (BL1-Remember CO2- To comprehend about various nutritional changes techniques (BL2-Understate CO3- To generate knowled processing of fruits and veg CO4-: To interpret various	r) ut fruit and veg in fruits and v and) lge on different getables(BL3- post-harvest d	vest losses and its impact on the Indian etable physiology, metabolic processes and egetables along with post-harvest handling t pre-processing operations involved before Apply) lisorders and diseases of fruits, minimizing the I processing operations. (BL4-Analyze)									
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X		SDG1(No poverty) SDG2(Zero hunger) SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG10(Reduced inequalities) SDG12(Responsible consuption and production) SDG13(Climate action)									

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



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

Title of the Course	One-week Hands on train	ning of Food Pi	rocessing [T]									
Course Code	SEC-III [T]	;-III [T]										
Course Outcomes & Bloom's Level	value and their value addice CO2- To understand the end (BL2-Understand) CO3- To demonstrate the products (BL3-Apply) CO4- To illustrate proceduprotection of their work (B	ition.(BL1-Reneffect of various hands on expense to identify L4-Analyze)	different segments of food and their nutritive nember) is processing techniques on quality of products. Serience of developing value-added food opportunities in research, innovation and occessing prospects to build startups in country.									
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X SDG (Goals) SDG3(Good health and well-being) SDG9(Industry Innovation and Infrastructory SDG12(Responsible consuption and production)											

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



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

Title of the Course	Biostatistics & Computer applications [T]	
Course Code	SEC III [T]	
Course Outcomes & Bloom's Level	CO1- The course prepares the student to understand to Applications, its applications and future prospects. (BL1 CO2- The subject Computer Applications is designed for biotechnology for understanding of basic concepts of esubject along with its applications in other fields. (BL2-LCO3- The course aims to provide experimental basis, a acquire a specialized knowledge and understanding. (BCO4- The course aims to provide basis of analyzing the of Biostatistics and Computer Applications in various fields. (BL4-Analyze) CO5- The course aims to provide basis of experimental and use of statistical tools in research and industries. (E	or under graduate students of each and every division of the Understand) and to enable students to BL3-Apply) e applications of Fundamentals elds of research and industries.
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	1	1	1	1	1	-	1	-	1	-	1	-	2	1	1
CO2	2	1	1	1	1	-	1	-	-	-	-	-	2	1	1
CO3	2	1	1	2	1	-	1	1	1	-	1	-	2	1	1
CO4	2	1	1	2	1	-	-	-	-	1	-	-	2	1	2
CO5	3	2	2	2	1	1	-	1	-	1	1	-	2	1	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Human Nutrition [T]		
Course Code	VAC-III [T]		
& Bloom's Level	proteins, lipids, minerals, vitam CO2- To understand the core plody(BL2-Understand) CO3- To provide the students a food nutrition to creation of new CO4- To apply the subject known for nutrient composition of foods.	nins, etc(BL1-Renorinciples and requal specialized known foods which enlowledge in future ps(BL4-Analyze)	n our daily dietary food like carbs, nember) uirements of nutrients for a healthy wledge and understanding in the field of hances our health.(BL3-Apply) perspectives i.e. such as interpretation rition, and their role in better human
Course Elements	Skill Development X Entrepreneurship X Employability ✓ Professional Ethics X Gender ✓ Human Values X Environment X		SDG2(Zero hunger) SDG3(Good health and well-being)

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



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

Title of the Course	Disaster Management		
Course Code	VAC III (T)		
	CO2- To understand the caucase studies of Global and CO3- To learn about risk remitigating industrial disaster CO4- To understand the con Measures (BL4-Analyze) CO5- To apply the National	uses and impact National disasted duction approacts.(BL3-Apply) ncept of Disaste Acts and polici	ches of disasters with safety issues in
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment ✓	SDG (Goals)	SDG1(No poverty) SDG3(Good health and well-being) SDG4(Quality education) SDG6(Clean water and sanitation) SDG7(Affordable and clean energy) SDG8(Decent work and economic growth) SDG10(Reduced inequalities) SDG11(Sustainable cities and economies) SDG13(Climate action) SDG15(Life on land) SDG17(Partnerships for the goals)

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



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

Title of the Course	Public health and hygien	ublic health and hygiene [T]											
Course Code	AEC-III [T]												
	and sanitation(BL2-Unde CO2- To critically undersi Northeast (BL3-Apply)	erstand) tand the prese n hygiene pror	erging concepts and issues to health, hygiene nt scenario of health hygiene in Indian and motion and education programmes for										
Course Elements	Skill Development X Entrepreneurship X Employability X Professional Ethics X Gender X Human Values ✓ Environment X	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG12(Responsible consuption and production)										

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



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

Title of the Course	English II [T]		
Course Code	AEC III		
Course Outcomes & Bloom's Level	(BL1-Remember) CO2- Elaborate creativity CO3- Examine attitudes, e behavior (BL3-Apply) CO4- Justify approaches t	and lateral thinkemotional intellion	gence and understand its influence on
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values ✓ Environment X	SDG (Goals)	SDG4(Quality education) SDG8(Decent work and economic growth)

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



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

Title of the Course	Basics of Computer & Info	rmation Techno	ology [T]
Course Code	GE-III		
Course Outcomes & Bloom's Level	Applications, its application CO2- The subject Compute biotechnology for understar subject along with its applic CO3- The course aims to p acquire a specialized know CO4- The course aims to p of Biostatistics and Compute (BL4-Analyze) CO5- The course aims to p	es and future proper Applications adding of basic cations in other provide experimaledge and underovide basis of ter Applications provide basis of the provi	is designed for under graduate students of concepts of each and every division of the fields.(BL2-Understand) nental basis, and to enable students to
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG12(Responsible consuption and production)

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



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

Title of the Course	Food and Business Mana	gement									
Course Code	GE-III										
	CO2- To understand the fu and advertising to apply th CO3- To provide the stude manpower management, of CO4- To apply the subject corporate social responsib CO5- To evaluate the theo	rganizations in the food businesses. (BL1-Remember) CO2- To understand the fundamentals of marketing, its research, consumer behaviour advertising to apply them to promote the business.(BL2-Understand) CO3- To provide the students a specialized knowledge and understanding about nanpower management, government schemes, and business ethics. (BL3-Apply) CO4- To apply the subject knowledge in future perspectives i.e. such as fulfilling orporate social responsibility and to formulate new business proposals.(BL4-Analyze) CO5- To evaluate the theoretical knowledge and implement the same to increase the rofit of food business.(BL5-Evaluate)									
Course Elements	Skill Development X Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goole)	SDG1(No poverty) SDG2(Zero hunger) SDG12(Responsible consuption and production)								

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



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

Title of the Course	Bakery & confectionery [T]	Bakery & confectionery [T]											
Course Code	BSFT-0402 [T]												
Course Outcomes & Bloom's Level	specification and regulations, he temperatures for bakery productions. To provide students an expendent of the development of the development of the development of the subject known and development in bakery products.	fic principles in the ierarchy of bakery cts (BL2-Understaker) the ierarchy of bakery cts (BL2-Understaker) and quality conviced in future per ducts (BL4-Analy nowledge gained	e processing technologies, product department and different working and a specialized knowledge and entrol of bakery and confectionery erspectives i.e. such as in research ze) and properties and implement the										
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values X Environment X SDG (Goals) SDG2(Zero hunger) SDG3(Good health and well-being)												

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



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

Title of the Course	Beverage Technology [T]	everage Technology [T]											
Course Code	BSFT-0401 [T]												
	and applications(BL1-Rememl CO2- To understand the core pand alcoholic fermentation(BL2 CO3- To provide the students a manufacturing of various alcoh Apply) CO4- To study the concept of a	ber) principles, techniq 2-Understand) a specialized know olic beverages as	unology, including the origin, principles ques and mechanism of nonalcoholic wledge and understanding regarding s well as nonalcoholic beverages(BL3- sed in beverages(BL4-Analyze) ing of Chemical, Microbial & Sensory										
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics × Gender × Human Values × Environment ×												

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



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

Title of the Course	Livestock product technology [Γ]	
Course Code	BSFT-0403 [T]		
Course Outcomes & Bloom's Level	utilization of meat, poultry, fish a CO3- To provide students an exunderstanding in the development and maintaining hygiene, sanital and egg industry(BL3-Apply) CO4- To apply the subject know and development in meat, poult	fic principles in the and egg products perimental basis ent and quality coution and mechan pledge in future pery and fish production owledge gained	e processing technologies, by-product (BL2-Understand) and a specialized knowledge and ntrol of meat, poultry and fish products ized practices of meat, fish, poultry erspectives i.e. such as in research cts(BL4-Analyze) and properties and implement the
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG1(No poverty) SDG2(Zero hunger) SDG3(Good health and well-being)

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



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

Title of the Course	Technical writing [P]	
Course Code	SEC-IV [P]	
Course Outcomes & Bloom's Level	CO1- Demonstrate rhetorical knowledge to create effer for endusers. (BL1-Remember) CO2- Apply and adapt flexible writing process strategic deliverables in a multitude of technical writing genres (ICO3- Use professional technical writing conventions of and layout of written materials (BL3-Apply) CO4- Gather and apply researched information that is demonstrated by reading and analyzing documents, and Analyze) CO5- Write clearly, correctly, and concisely (BL5-Evalue)	es to produce clear, high-quality BL2-Understand) f clean and clear design, style, appropriate to your field, as nd citing sources correctly(BL4-
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	1	-	-	2	-	1	-	1	-	1	1	1
CO2	1	2	2	1	1	-	1	-	-	-	-	-	1	1	1
CO3	1	2	2	1	-	-	-	1	1	1	-	-	2	2	1
CO4	2	2	2	1	1	1	-	-	-	-	1	-	2	2	1
CO5	2	2	1	-	-	-	1	-	1	-	-	-	2	1	2
CO6	_	-	_	-	-	_	-	-	-	-	-	-	-	-	-



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

Title of the Course	Introduction to food analysis	[P]	
Course Code	SEC-IV [P]		
Course Outcomes & Bloom's Level	used in food analysis.(BL1-ReCO2- The students will know the malfunction aspect of food.(BlacO3- To provide students and understanding in the analysis CO4- To apply the subject known and development in food produces.)	emember) the importance of L2-Understand) experimental bas of food.(BL3-App owledge in future lucts(BL4-Analyz knowledge gaine	perspectives i.e. such as in research ze) ed and properties and implement the
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values X Environment X		SDG1(No poverty) SDG2(Zero hunger) SDG3(Good health and well-being) SDG6(Clean water and sanitation)

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



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

Title of the Course	Food and International Tra	ade [T]	
Course Code	VAC-IV [T]		
	as well as in world(BL1-ReCO2- to acknowledge the Understand) CO3- To demonstrate knowletc(BL3-Apply) CO4- To illustrate the worklimplementation of internations.	emember) characteristics wledge of expo ting of various ional standards benefits of go	of international markets and trade(BL2- orts, related policies, tariffs, competition, regional trade alliances and markets and s for harmony in food trade(BL4-Analyze) vernment schemes to promote international
Course Elements	Skill Development X Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG1(No poverty) SDG2(Zero hunger) SDG3(Good health and well-being) SDG4(Quality education) SDG6(Clean water and sanitation) SDG9(Industry Innovation and Infrastructure) SDG12(Responsible consuption and production)

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



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

Title of the Course	Environmental Issues and	vironmental Issues and Sustainable Development [T]											
Course Code	VAC-IV [T]												
Course Outcomes & Bloom's Level	challenges and concept of CO2- CO2. To acquire ana through a multidisciplinary CO3- CO3. Ability to design community's sustainable de CO4- CO4. Acquire expertithe pathways of processes sustainable development in CO5- CO5. Students acqui	sustainable de lytical skills/me approach;(BL4 n sustainability evelopment(BL se and skills to and procedure hitiatives.(BL1-re skills to com	performance metric to assess the impact on .3-Apply) be evaluate feedback systems that can readjust es to ensure success in implementing										
Course Elements	Skill Development X Entrepreneurship X Employability X SDG4(Quality education) SDG5(Gender equality)												

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



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

Title of the Course	Statistical Methods [T]											
Course Code	AEC-IV [T]											
	Understand) CO3- To apply Karl Pearson and CO4- To analyze lines of regress variables(BL4-Analyze)	To understand problems based on measures of central tendency.(BL2-rstand) To apply Karl Pearson and rank correlation coefficient(BL3-Apply) To analyze lines of regression, angle between lines and estimated values of les(BL4-Analyze) Calculate price and quantity index numbers using simple and weighted average										
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	1	1	1	1	-	-	1	-	1	1	-	-	1	1	1
CO2	1	1	1	1	1	-	-	-	1	-	1	-	2	1	1
CO3	1	1	1	1	-	1	1	1	-	-	-	-	2	2	1
CO4	2	2	1	1	1	-	-	-	2	-	2	-	3	2	2
CO5	2	2	1	1	-	-	1	-	2	-	1	-	3	2	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Hindi II [T]		
Course Code	AEC IV [T]		
Course Outcomes & Bloom's Level	CO1- भारतीय ज्ञान परम्परा सेवि द्यार्थि CO2- उत्कृष्ट साहित्यि क पाठों के अध् CO3- सांस्कृति क चेतना और राष्ट्रीय भ CO4- भाषा-ज्ञान(BL4-Analyze) CO5- सामान्य शब्दावली और वि शेष करना(BL5-Evaluate)	ययन सेरूचि का वि क भावना का विकास करन	ास करना(BL2-Understand)
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values ✓ Environment X	SDG (Goals)	SDG4(Quality education)

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



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

Title of the Course	Intellectual Property Rights [T]		
Course Code	GE-IV [T]		
	protection of their invention done in CO2- To get registration in our couland thesis or theory written by the must have knowledge of patents, of Technology Act(BL2-Understand) CO3- Further teacher will have to identify the different types of IPR's	n their project work untry and foreign co students during the copy right, tradema demonstrate with p (BL3-Apply) uplete their academ	ountries of their invention, designs eir project work and for this they arks, designs and information products and ask the student to nic projects, they get awareness of
Course Elements	Skill Development X 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	P07	P08	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	-	-	2	-	1	1	-	1	1	1
CO2	1	1	1	1	-	1	1	-	-	2	-	-	1	2	1
CO3	2	2	1	1	-	1	-	2	1	-	2	-	2	2	1
CO4	2	2	1	1	1	-	1	-	-	1	-	-	2	2	2
CO5	2	2	1	1	-	1	-	1	-	1	2	-	1	2	2
CO6	_	-	-	_	_	_	_	_	_	-	_	_	-	-	_



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

Title of the Course	Entrepreneurship Developmen	it [T]							
Course Code	GE-IV [T]								
Course Outcomes & Bloom's Level	clear and accurate.(BL1-Reme CO2- Comprehend and apply buses internet services to get ac industry.(BL2-Understand) CO3- To demonstrate knowledge supporting the development of	ember) pasic computer we constormed & take ge of entrepreneur businesses/entre or achieve a safe wironment regulati	working environment in line with ions.(BL4-Analyze)						
Course Elements	Skill Development X Entrepreneurship ✓ Employability ✓ Professional Ethics ✓ Gender X Human Values X Environment X SDG (Goals) SDG1(No poverty) SDG3(Good health and well-be								

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



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

Title of the Course	Dairy Technology [T]									
Course Code	BSFT-0501 [T]									
Course Outcomes & Bloom's Level	processing and distribution CO2- To understand these production of different dair CO3- To provide students understanding in the devel Apply) CO4- Toapply the subject I development in dairy produces.	n of milk and milentific principle y products(BL2 an experimenta opment and qual knowledge in functs(BL4-Anal ife knowledge	al basis and a specialized knowledge and uality control of milk and dairy products(BL3 -uture perspectives i.e. such as in research and yze) gained and properties and implement the							
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics × Gender × Human Values × Environment ×									

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



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

Title of the Course	Sensory Evaluation [T]		
Course Code	BSFT-0502 [T]		
Course Outcomes & Bloom's Level	analysis of food and to apply an lectures.(BL1-Remember) CO2- CO2: Compiles, familiarity techniques used to analysesthe experimental planning, the prependits presentation, statistical analy CO3- CO3: State terminology, a contextually.(BL3-Apply) CO4- CO4: Ability to explain the food and be able to recommend sensory analysis.(BL4-Analyze)	d expand upon the and competence sensory properties aration of suitable ers, as well as the peropriate to the benefits and limit, justify and critique of the specified services are specified services.	es of food. This will include e samples and the use of instruments e collection of experimental data and tion. (BL2-Understand) field of sensory analysis, correctly and tations of the sensory evaluation of the commonly used methods of the sensory requirements and which are
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG1(No poverty) SDG3(Good health and well-being) SDG6(Clean water and sanitation)

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



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

Title of the Course	Food Safety Management [T]	od Safety Management [T]										
Course Code	BSFT-0503 [T]											
	in raw and processed foods(BCO2- CO2: Conduct the qualinstruments(BL2-Understand CO3- CO3: Recognize the se	L1-Remember) ty assessment of l) nsory evaluation ction methods of	techniques(BL3-Apply) the adulterants in food products(BL4-									
Course Elements	Skill Development X Entrepreneurship X Employability X Professional Ethics ✓ Gender X Human Values ✓ Environment X		SDG2(Zero hunger) SDG3(Good health and well-being) SDG6(Clean water and sanitation)									

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



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

Title of the Course	Industrial training	
Course Code	IAPC I	
	CO1- Understand themselves in relation to their commented themselves since of social and civic and responsibility (CO2- Identify the needs and problem of the community solving (BL2-Understand) CO3- Utilize their knowledge in finding practical solution problem (BL3-Apply) CO4- Develop the confidence require for group living a acquire leader ship qualities and democratic attitudes. CO5- Develop the capacity to meet emergencies and renational integration and social harmony (BL5-Evaluate	(BL1-Remember) y and involve them in problem on to individual and community and sharing of responsibilities of (BL4-Analyze) natural disasters and practice
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	P06	P07	P08	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	-	-	3	2	2
CO2	-	-	-	-	-	-	-	-	-	-	-	-	3	2	3
CO3	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3
CO4	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3
CO5	_	-	-	-	_	_	-	-	_	-	-	-	3	3	3
CO6	_	-	-	_	_	_	-	-	-	-	-	-	-	-	



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

Title of the Course	Cooperation Marketing & Finance	;	
Course Code	SEC V		
	CO1- CO1: Communicate with recommunicated is clear and accurated. CO2- CO2: Comprehend and appand uses internet services to get a industry. (BL2-Understand) CO3- CO3: To demonstrate knowled for supporting the development of CO4- CO4: To illustrate procedure occupational health, safety, environced.	ate(BL1-Remember ly basic computer vaccustomed & take ledge of entreprene businesses/entrepress to achieve a safe onment regulations.	working, basic operating system benefit of IT developments in the eurship and identify establishment oreneurship.(BL3-Apply) working environment in line with (BL4-Analyze)
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	P06	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	1	1	1	1	2	-	1	1	-	1	-	3	1	1
CO2	3	1	1	-	1	2	1	1	-	1	-	-	3	1	2
CO3	3	1	1	2	-	1	-	1	-	1	2	-	3	1	2
CO4	3	2	1	-	-	-	1	2	1	-	-	-	3	1	3
CO5	3	2	2	2	1	1	1	2	1	2	2	-	3	2	3
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Food Supply chain Management [T]	
Course Code	SEC V [T]	
	CO1- CO1: Communicate with required clarity ensuring communicated is clear and accurate (BL1-Remember) CO2- CO2: Comprehend and apply basic computer wand uses internet services to get accustomed & take bindustry. (BL2-Understand) CO3- CO3: To demonstrate knowledge of entrepreneutor supporting the development of businesses/entrepreco4- CO4: To illustrate procedures to achieve a safe occupational health, safety, environment regulations. (ICO5- CO5: Comply time management technique in data.)	orking, basic operating system benefit of IT developments in the urship and identify establishment eneurship.(BL3-Apply) working environment in line with BL4-Analyze)
Course Elements	Skill Development X Entrepreneurship ✓ Employability ✓ 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	3	1	1	1	1	2	-	1	1	-	1	-	3	1	1
CO2	3	1	1	-	1	2	1	1	-	1	-	-	3	1	2
CO3	3	1	1	2	-	1	-	1	-	1	2	-	3	1	2
CO4	3	2	1	-	-	-	1	2	1	-	-	-	3	1	3
CO5	3	2	2	2	1	1	1	2	1	2	2	-	3	2	3
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Processing of fish and Ma	rine Products	[T]								
Course Code	DSE I- BSFT-0504b										
Course Outcomes & Bloom's Level	CO2- To describe the qual guidelines followed in mark CO3- To analyse the chemprocessing and utilization CO4- To illustrate the subjection of various fish CO5- To appraise the praction.	processing(BL1-Remember) CO2- To describe the quality control standards, packaging requirements and safety guidelines followed in marine products' processing industry. (BL2-Understand) CO3- To analyse the chemical and nutritional changes occurring in marine foods processing and utilization of by-products(BL3-Apply) CO4- To illustrate the subject knowledge in future perspectives i.e. such as skills for the preparation of various fish value added and by-products(BL4-Analyze) CO5- To appraise the practical knowledge gained and implement the same to create sea foods based novel products for healthier lifestyle.(BL5-Evaluate)									
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG3(Good health and well-being) SDG6(Clean water and sanitation) SDG9(Industry Innovation and Infrastructure) SDG12(Responsible consuption and production)									

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



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

Title of the Course	Extrusion Technology [T]	xtrusion Technology [T]										
Course Code	DSE I- BSFT-0504a	SE I- BSFT-0504a										
Course Outcomes & Bloom's Level	extruded products and selectors. To understand the suand extruder types for extrubehaviour and product quactors. To analyse the chemand packaging requirementors. To apply the subject healthy extruded products.	ection of food e litability of raw usion and its in lity(BL2-Under ical and nutrition t of extruded p knowledge in for BL4-Analyze) knowledge in for	onal changes occurring in extrusion process roducts(BL3-Apply) uture perspectives i.e. such as value added uture perspectives i.e. such as value added									
Course Elements	Skill Development √ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values X Environment X		SDG1(No poverty) SDG3(Good health and well-being) SDG9(Industry Innovation and Infrastructure) SDG12(Responsible consuption and production)									

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



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

Title of the Course	Food product/processing wast	ood product/processing waste management [T]											
Course Code	BSFT-0601 [T]												
	CO2- CO2: To describe the value as utilization of by-products in CO3- CO3: To analyze the import of food industry waste (BL3-A) CO4- CO4: To apply the legal of (BL4-Analyze) CO5- CO5: To design and development of the cost.	nderstand their characteristics (BL1-Remember) O2- CO2: To describe the various methods of waste treatment and disposal as well sutilization of by-products in food and non-food sectors(BL2-Understand) O3- CO3: To analyze the importance of recycling, disposing methods and valorization food industry waste (BL3-Apply) O4- CO4: To apply the legal aspects related to food and packaging waste disposal.											
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics × Gender × Human Values × Environment ✓												

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



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

Title of the Course	Food Laws and Regulation	ood Laws and Regulations [T]										
Course Code	BSFT-0602 [T]											
Course Outcomes & Bloom's Level	importance (BL1-Remember CO2- To learn the different Understand) CO3- To provide the stude different safety tools and reapply) CO4- To apply the subject other regulatory agencies and reapply CO5- To evaluate the theo	per) t adulterants and the angle specialized as specialized as specialized as specialized as specialized as special and their important and their important and their important as special	and International food laws and their and hazards and their safety measures (BL2-ed knowledge about implementation of od industry to produce safe products (BL3-future perspectives i.e. Retail standards and tance in controlling the operations. (BL4-lige in Food safety regulations and their e the quality and safety of the foods (BL5-									
Course Elements	Skill Development X Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG1(No poverty) SDG2(Zero hunger) SDG3(Good health and well-being) SDG4(Quality education) SDG12(Responsible consuption and production)									

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



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

Title of the Course	Food Packaging [T]										
Course Code	BSFT-0603 [T]										
	various packaging materials and management to indicate the foctors costs of the cos	d effect of various of quality(BL1-Retypes of scavenge ackaging system d-package interaction, recycling and	ers and emitters for improving the food s and safety and legislative ction between package-flavour, gas use of green plastics for reducing the								
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values X Environment X	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values X SDG (Goals) SDG3(Good health and well-being)									

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



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

Title of the Course	Industrial training	
Course Code	IAPC II	
	CO1- Understand themselves in relation to their commented themselves since of social and civic and responsibility (CO2- Identify the needs and problem of the community solving (BL2-Understand) CO3- Utilize their knowledge in finding practical solution problem (BL3-Apply) CO4- Develop the confidence require for group living a acquire leader ship qualities and democratic attitudes. CO5- Develop the capacity to meet emergencies and renational integration and social harmony (BL5-Evaluate	(BL1-Remember) y and involve them in problem on to individual and community and sharing of responsibilities of (BL4-Analyze) natural disasters and practice
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	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	-	-	1	-	-	-	-	3	2	2
CO2	1	2	1	1	-	1	-	-	-1	-	-	-	3	2	3
CO3	1	2	1	1	1	-	-	-	-	-	-	-	3	3	3
CO4	2	2	1	1	-	-	1	-	-	-	-	-	3	3	3
CO5	2	2	1	1	1	-	-	1	1	-	-	-	3	3	3
CO6	-	_	-	-	-	_	-	-	-	-	-	-	-	-	_



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

Title of the Course	Introduction to CAD and CAM												
Course Code	SEC VI	C VI											
	CO1- To understand fundamental generic framework. (BL1-Remem CO2- To impart the parametric ful models using curves, surfaces ar CO3- To impart the parametric ful models using NURBS and solids (CO4- To provide clear understand (BL4-Analyze) CO5- To create strong skills of as effective user of a standards in C.	ber) Indamentals to created solids.(BL2-Understals to created solids.(BL3-Understals to created solids) Indig of CAD system sembly modeling a	te and manipulate geometric erstand) te and manipulate geometric ns for 3D modeling and viewing. nd prepare the student to be an										
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	1	1	1	-	1	-	-	1	1	-	-	1	1	1
CO2	1	1	1	-	1	-	-	-	-	1	1	-	2	1	1
CO3	1	1	1	1	-	1	1	-	1	1	-	-	2	1	2
CO4	2	1	1	-	1	-	-	-	-	1	-	-	2	2	2
CO5	2	2	1	1	-	1	-	-	-	1	1	-	2	2	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Introduction to Good Labo	troduction to Good Laboratory practices [T]											
Course Code	SEC VI [T]	C VI [T]											
	SOPs and calibration proce CO2- to gain the knowledge followed in laboratory. (BL: CO3- To provide the stude laboratory standard practice (BL3-Apply) CO4- To apply the subject laboratory accessories and CO5- To evaluate the theo	edure of difference of the variou of the variou of the variou of the variou of the various of th	ed knowledge about implementation of ds and analyze laboratory data with accuracy. minimization of errors related with handling of										
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values ✓ Environment X	SDG (Goals)	SDG1(No poverty) SDG2(Zero hunger) SDG3(Good health and well-being) SDG6(Clean water and sanitation) SDG12(Responsible consuption and production)										

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



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

Title of the Course	Vegetable & dairy fat rich	egetable & dairy fat rich product [T]											
Course Code	DSE II- BSFT-0604b	E II- BSFT-0604b											
Course Outcomes	Remember) CO2- To study the lipid pro CO3- Understanding the p cream-based products(BL CO4- Recall the butter ma among butter, fat spread a	ofile of dairy production, class	products in India and abroad(BL1- oducts (BL2-Understand) ssification, and packaging parameters of and understanding the compositional difference (BL4-Analyze) airy products based on lipid profile(BL5-										
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	, ,	SDG1(No poverty) SDG2(Zero hunger) SDG3(Good health and well-being) SDG6(Clean water and sanitation) SDG9(Industry Innovation and Infrastructure) SDG12(Responsible consuption and production)										

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



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

Title of the Course	Flavor Technology [T]									
Course Code	DSE II- BSFT-0604a									
Course Outcomes & Bloom's Level	Remember) CO2- To learn the applications analysis(BL2-Understand) CO3- To provide the students a of flavours from natural sources CO4- To apply the subject know processing and sensorial evaluate the theoretic	of the analytical to specialized knows and chemical rewledge in future plation of flavors.(Exalt knowledge in controls)	wledge about synthesis and formulation eactions(BL3-Apply) perspectives i.e. such as in food							
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X SDG (Goals) SDG3(Good health and well-									

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



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

Title of the Course	Product Development an	roduct Development and Formulation [T]											
Course Code	BSFT-0701 [T]	SFT-0701 [T]											
Course Outcomes & Bloom's Level	Remember) CO2- To learn and develor Understand) CO3- To understand the C (BL3-Apply) CO4- Thorough knowledg CO5- Toapply the subject	O2- To learn and develop novel technology to develop new products.(BL2-Inderstand) O3- To understand the Cost analysis and feasibility of new product development.											
Course Elements	Skill Development Entrepreneurship Employability Professional Ethics Gender Human Values Environment SDG (Goals) SDG2(Zero hunger) SDG3(Good health and well-being) SDG12(Responsible consuption and production)												

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



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

Title of the Course	Fermentation technology [mentation technology [T]											
Course Code	BSFT-0702 [T]												
Course Outcomes & Bloom's Level	CO2- To study the production CO3- To gain knowledge at CO4- To apply the subject hand development in ferment	on of various fe bout different do knowledge in fu Itation technolo ife knowledge g	gained and properties and implement the										
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment ✓	SDG (Goals)	SDG3(Good health and well-being) SDG6(Clean water and sanitation) SDG9(Industry Innovation and Infrastructure)										

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



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

Title of the Course	Research methodology [T]	esearch methodology [T]											
Course Code	BSFT-0704 [T]												
Course Outcomes & Bloom's Level	CO1- To understand the basic corexperimental design and data collection. To describe the basic concession with its technical writing aspects (ECO3- To provide experimental basic knowledge and understanding of (BL3-Apply) CO4- To provide basis of analyzin various fields of research and inducCO5- To apply the understanding (BL5-Evaluate)	ect as well as analy pts of each and events of each and events of each and sis, and to enable so data and its applications of the applications of	ysis.(BL1-Remember) very division of the subject along students to acquire a specialized ations in experimental verification. of Research Methodology in verze)										
Course Elements	Skill Development ✓ Entrepreneurship X Employability X Professional Ethics X Gender X Human Values ✓ Environment X	SDG4(Quality education)											

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



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

Title of the Course	IAPC III [P]	
Course Code	IAPC III [P]	
	CO1- Understand themselves in relation to their commethemselves since of social and civic and responsibility (CO2- Identify the needs and problem of the community solving.(BL2-Understand) CO3- Utilize their knowledge in finding practical solution problem(BL3-Apply) CO4- Develop the confidence require for group living a acquire leader ship qualities and democratic attitudes. CO5- Develop the capacity to meet emergencies and renational integration and social harmony(BL5-Evaluate	(BL1-Remember) y and involve them in problem on to individual and community and sharing of responsibilities of (BL4-Analyze) natural disasters and practice
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	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	-	-	1	-	-	-	-	3	2	2
CO2	1	2	1	1	-	1	-	-	-1	-	-	-	3	2	3
CO3	1	2	1	1	1	-	-	-	-	-	-	-	3	3	3
CO4	2	2	1	1	-	-	1	-	-	-	-	-	3	3	3
CO5	2	2	1	1	1	-	-	1	1	-	-	-	3	3	3
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Food refrigeration and col	ood refrigeration and cold storage [T]										
Course Code	BSFT-0703a [T]											
	CO2- To learn the mechan equipments (BL2-Understanders). To provide the stude with controlled or modified CO4- To apply the subject applications in food process CO5- To evaluate the theo	rolonging food's shelf-life.(BL1-Remember) O2- To learn the mechanisms of refrigeration and freezing and their related quipments(BL2-Understand) O3- To provide the students a specialized knowledge about cold storage technology ith controlled or modified atmospheres for maintaining food quality (BL3-Apply) O4- To apply the subject knowledge in future perspectives i.e. such as industrial oplications in food processing and distribution.(BL4-Analyze) O5- To evaluate the theoretical knowledge to create innovative frozen foods and evelop cost-effective low temperature technology.(BL5-Evaluate)										
Course Elements	Skill Development X Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment ✓											

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



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

Title of the Course	Functional Foods and Nu	unctional Foods and Nutraceuticals [T]											
Course Code	BSFT-0801 [T]	SFT-0801 [T]											
Course Outcomes & Bloom's Level	Remember) CO2- Identify major types market(BL2-Understand CO3- To understand the revention of chronic diseco4- Design and develop	O2- Identify major types of health foods and nutraceutical products in the narket(BL2-Understand) O3- To understand the molecular basis of using micronutrients and phytochemicals in revention of chronic diseases(BL3-Apply) O4- Design and develop foods having health promoting properties(BL4-Analyze) O5- Critically evaluate the safety and efficacy of using health foods and nutraceutical											
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability X Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG3(Good health and well-being) SDG9(Industry Innovation and Infrastructure) SDG12(Responsible consuption and production)										

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



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

Title of the Course	Novel food processing tec	ovel food processing techniques [T]											
Course Code	BSFT-0802 [T]	FT-0802 [T]											
	CO2- Identify major types of market(BL2-Understand) CO3- Understand the mole prevention of chronic disease CO4- Design and develop	of health foods ecular basis of u ises(BL3-Appl y foods having he	een nutrition and diseases(BL1-Remember) and nutraceutical products in the using micronutrients and phytochemicals in y) ealth promoting properties(BL4-Analyze) icacy of using health foods and nutraceutical										
Course Elements	Skill Development X Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment ✓	SDG (Goals)	SDG3(Good health and well-being) SDG6(Clean water and sanitation) SDG9(Industry Innovation and Infrastructure)										

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



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

Title of the Course	IAPC IV [P]					
Course Code	IAPC IV [P]					
	themselves since of social and civic and responsibility(BL1-Remember) CO2- Identify the needs and problem of the community and involve them in problem solving.(BL2-Understand) CO3- Utilize their knowledge in finding practical solution to individual and community problem(BL3-Apply) CO4- Develop the confidence require for group living and sharing of responsibilities of acquire leader ship qualities and democratic attitudes. (BL4-Analyze) CO5- Develop the capacity to meet emergencies and natural disasters and practice national integration and social harmony(BL5-Evaluate)					
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	P07	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	1	1	1	1	-	-	1	-	-	-	-	3	2	2
CO2	1	2	1	1	-	1	-	-	-1	-	-	-	3	2	3
CO3	1	2	1	1	1	-	-	-	-	-	-	-	3	3	3
CO4	2	2	1	1	-	-	1	-	-	-	-	-	3	3	3
CO5	2	2	1	1	1	-	-	1	1	-	-	-	3	3	3
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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

Title of the Course	Legumes and oilseeds Technology [T]								
Course Code	BSFT-0803a [T]								
Course Outcomes & Bloom's Level	CO1- To understand and identify the composition, and specific processing technologies used for legumes and oil seeds (BL1-Remember) CO2- To learn the processing methods for value addition of legumes and oilseeds and their by-products.(BL2-Understand) CO3- To provide the students a specialized knowledge about application of scientific principles in the processing soybean and peanut (BL3-Apply) CO4- To apply the subject knowledge in future perspectives i.e. such as applications in food processing using fermentation, extraction, milling, etc.(BL4-Analyze) CO5- To evaluate the theoretical knowledge in different commercialized legumes and oilseed products and implement the same to create innovative food products.(BL5-Evaluate)								
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG3(Good health and well-being) SDG12(Responsible consuption and production)						

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