

Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) Department of Food Processing Technology Structured Work Plan for Teaching Academic Year 2022-23 (Term-I)

1. Details of Classes to be taught

Sr.No.	Class	Name of Teacher	Subject	Paper	Total
1.	B.Voc. II SEM III	Ms. K. S. Komatwar	Food Processing Technology	Food Additives U-FOA-419	Lectures 60(4 Credit)

2. Summary of Lesson

Sr.No.	1	Expected No.	Date	Academic	No.of
	be covered	of Lectures		activities to	test/Assignment
				be organized	with topic and
-					date
1.	Unit I: Introduction	15	20.06.2022 to	Career	
	to Food Additives		30.07.2022	Guidance	
2.	Unit II: Naturally	15	01.08.2022 to	Guest	Unit Test-I
	occurring food		05.09.2022	Lecture	
	additives			n ean an An and	
3.	Unit III: Pigments	15	06.09.2022 to		*
			27.09.2022		
4.	Unit IV:	15	28.09.2022 to	Field Visit	Unit Test II
	Antioxidants and		15.10.2022	and Industrial	
	Chelating Agents			visit	

ND **Course Teacher**

Head

Head Department of Biotechnology Rajarsh' S. don Mahavidyalaya (Autonomous Later 412 CC1

PRINC Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)



Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) Department of Food Processing Technology Structured Work Plan for Teaching Academic Year 2022-23 (Term-I)

1. Details of Classes to be taught

Sr.No.	Class	Name of Teacher	Subject	Paper	Total
1.	B.Voc. III	Ms. K. S. Komatwar	Food	Post-Harvest	Lectures 60(4 Credit)
	SEM V		Processing Technology	Management U-PHM-650	
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2. Summary of Lesson

Sr.No.	Unit and chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of test/Assignment with topic and date
1.	Unit I: Post Harvest Technology	15	20.06.2022 to	Career	
2.	Unit II: Harvesting	15	30.07.2022	Guidance	TT 1
2.	and Handling of	13	01.08.2022 to	Guest	Unit Test-I
	important fruits &		05.09.2022	Lecture	Parlant.
	vegetables				
3.	Unit III: Post-harvest	15	06.09.2022 to		
	physiological and		27.09.2022		
	biochemical changes				
	in fruits and				
	vegetables				
4.	Unit IV:	15	28.09.2022 to	Field Visit	Unit Test II
	Physiological post-		15.10.2022	and Industrial	
1	harvest disorders			visit	

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Department of Biotechnology Rajarshi Shahu Mahavidyalaya (Autonomous) Latur-413 531

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Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) Department of Food Processing Technology Structured Work Plan for Teaching Academic Year 2022-23 (Term-I)

1. Details of Classes to be taught

Sr.No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Voc. III SEM V	Ms. K. S. Komatwar	Food Processing Technology	Food and Beverage Processing U-FBP-654	60(4 Credit)

2. Summary of Lesson

Sr.No.	Unit and chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No.of test/Assignment with topic and date
1.	Unit I: Introduction to Beverages	15	20.06.2022 to 30.07.2022	Career Guidance	
2.	Unit II: Manufacturing process of beverages	15	01.08.2022 to 05.09.2022	Guest Lecture	Unit Test-I
3.	Unit III: Alcoholic beverages	15	06.09.2022 to 27.09.2022		
4.	Unit IV: Packaged drinking water	15	28.09.2022 to 15.10.2022	Field Visit and Industrial visit	Unit Test II

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1. Details of Classes to be taught

Sr.No.	Class	Name of Teacher	Subject	Paper	Total
					Lectures
1.	B.Sc. III	Ms. K. S. Komatwar	Biotechnology	Biofertilizer - I	30
	SEM V			U-ADC-540-B	(2 Credit)

2. Summary of Lesson

Sr.No.	Unit and chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No.of test/Assignment with topic and date
1.	Unit I: Rhizobium	08	20.06.2022 to 30.07.2022	Career Guidance	
2.	Unit II: Azospirillum	10	01.08.2022 to 05.09.2022	Sulunice	Unit Test-I
3.	Unit III: Blue-green algae	06	06.09.2022 to 27.09.2022		
4.	Unit IV: Phosphate solubilizing microbes	06	28.09.2022 to 15.10.2022	Field Visit and Industrial visit	Unit Test II

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1. Details of Classes to be taught

Sr.No.	Class	Name of Teacher	Subject	Paper	Total
					Lectures
1.	B.Sc. III SEM V	Ms. K. S. Komatwar	Biotechnology	Environmental Studies U-ENS-541	30
				0-EN5-341	

2. Summary of Lesson

Sr.No.	Unit and chapter to	Expected No.	Date	Academic	No.of
	be covered	of Lectures		activities to	test/Assignment
				be organized	with topic and date
1.	Unit I: Introduction	08	20.06.2022 to	Career	
	and Natural resources		30.07.2022	Guidance	
2.	Unit II: Ecosystems	10	01.08.2022 to	Guest	Unit Test-I
			05.09.2022	Lecture	an an starter and a second
3.	Unit III: Biodiversity	06	06.09.2022 to		
	and its conservation		27.09.2022		
4.	Unit IV:	06	28.09.2022 to		Unit Test II
	Environmental		15.10.2022		
	pollution and its				
	mitigation				

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Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) Department of Biotechnology Structured Work Plan for Teaching Academic Year 2022-23 (Term-I)

1. Details of Classes to be taught

Sr.No.	Class	Name of Teacher	Subject	Paper	Total
1.	M.Sc. II SEM III	Ms. K. S. Komatwar	Biotechnology	Research Methodology and Scientific Report Writing P-SRW-342	Lectures 30(2 Credit)

2. Summary of Lesson

Sr.No.	be covered	Expected No. of Lectures	Date	Academic activities to be organized	No.of test/Assignment with topic and date
1.	Unit I: Basic concepts, Types & Methods of Research	10	20.06.2022 to 30.07.2022	Career Guidance	
2.	Unit II: Planning of Research	10	01.08.2022 to 05.09.2022	Guest Lecture	Unit Test-I
3.	Unit III: Scientific and Medical Writing	10	06.09.2022 to 27.09.2022		

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Shiv Chhatrapati Shikshan Sanstha's Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) Department of Food Processing Technology Structured Work Plan for Teaching Academic Year 2022-23 (Term-II)

1. Details of Classes to be taught

Sr. No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Voc. II SEM IV	Ms. K. S. Komatwar	Food Processing Technology	Food Business Management	60(4 Credit)

2. Summary of Lesson

Sr. No.	Unit and	Expected	Date	Academic	No. of
	chapter to be	No. of		activities to	test/Assignment
	covered	Lectures		be organized	with topic and
				Ũ	date
1.	Unit I:	15	09.12.2022 to	Surprise Test	
	Business		31.12.2022	• • • • • • • • • • • • • • • • • • •	
	Management				
2.	Unit II: Human	15	02.01.2022 to	Guest	Unit Test-I
	Resource		28.01.2023	Lecture	
	Management				
3.	Unit III:	15	30.01.2023 to		
	International		14.02.2023		
	Trade				
4.	Unit IV: World	15	15.02.2023 to	Field Visit	Unit Test II
	Consumption		02.03.2023	and Industrial	
	of Food			visit	

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1. Details of Classes to be taught

Sr. No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Voc. II SEM IV	Ms. K. S. Komatwar	Food Processing Technology	Quality Control and Regulations	60(4 Credit)

2. Summary of Lesson

Sr. No.	Unit and	Expected	Date	Academic	No. of
	chapter to be	No. of		activities to	test/Assignment
	covered	Lectures		be organized	with topic and
				6	date
1.	Unit I:	18	09.12.2022 to	Surprise Test	
	Introduction to		31.12.2022		
	Quality Control				
	in Food				
	industry				
2.	Unit II:	13	02.01.2022 to	Guest	Unit Test-I
	Standard Tests		28.01.2023	Lecture	
	for Quality				
	Assessment				
3.	Unit III:	19	30.01.2023 to		
	Mandatory		14.02.2023		
	Food Laws				
4.	Unit IV:	10	15.02.2023 to	Field Visit	Unit Test II
	Principles and		02.03.2023	and Industrial	
	steps of			visit	
	HACCP Plan				

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1. Details of Classes to be taught

Sr. No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Voc. III SEM VI	Ms. K. S. Komatwar	Food Processing Technology	Bakery and Confectionary	60(4 Credit)

2. Summary of Lesson

Sr. No.	Unit and	Expected	Date	Academic	No. of
	chapter to be	No. of		activities to	test/Assignment
	covered	Lectures		be organized	with topic and
					date
1.	Unit I:	18	09.12.2022 to	Surprise Test	
	Importance of		31.12.2022	신 같은 동생이다.	
	Bakery and				
	Confectionary				a na ang ang ang ang ang ang ang ang ang
	in food				
	industry				
2.	Unit II: Types	15	02.01.2022 to	Guest	Unit Test-I
	of Flours		28.01.2023	Lecture	a di sena di s Sena di sena di
3.	Unit III: Cake,	12	30.01.2023 to		
	Biscuits and		14.02.2023		
	Cookies				
4.	Unit IV:	15	15.02.2023 to	Field Visit	Unit Test II
	Characteristics		02.03.2023	and Industrial	
	of			visit	
	Confectionary				
	products				

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Shiv Chhatrapati Shikshan Sanstha's Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) Department of Biotechnology Structured Work Plan for Teaching Academic Year 2022-23 (Term-II)

1. Details of Classes to be taught

Sr. No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Sc. III SEM VI	Ms. K. S. Komatwar	Biotechnology	Biofertilizer II	40(2 Credit)

2. Summary of Lesson

Sr. No.	Unit and chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of test/Assignment with topic and date
1.	Unit I: Biofertilizer – Current and Future needs	10	09.12.2022 to 31.12.2022		
2.	Unit II: Component of Organic Farming system	10	02.01.2022 to 28.01.2023	Field Visit and Industrial visit	Unit Test-I
3.	Unit III: Standards for commercial production of Biofertilizers	10	30.01.2023 to 14.02.2023		
4.	Unit IV: Lab to land applications of Biofertilizers	10	15.02.2023 to 02.03.2023		Unit Test II

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