




**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-I)**


**1. Details of Classes to be taught**

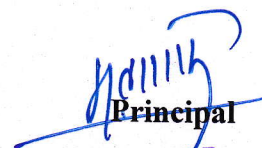
Sr.No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Voc. II SEM III	Ms. K. S. Komatwar	Food Processing Technology	Food Additives U-FOA-419	60(4 Credit)

**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 Food Additives	15	20.06.2022 to 30.07.2022	Career Guidance	
2.	Unit II: Naturally occurring food additives	15	01.08.2022 to 05.09.2022	Guest Lecture	Unit Test-I
3.	Unit III: Pigments	15	06.09.2022 to 27.09.2022		
4.	Unit IV: Antioxidants and Chelating Agents	15	28.09.2022 to 15.10.2022	Field Visit and Industrial visit	Unit Test II

  
**Course Teacher**

  
**Head**  
**Department of Biotechnology**  
**Rajarshi Shahu Mahavidyalaya**  
**(Autonomous) Latur -413 521**

  
**Principal**  
**PRINCIPAL**  
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Sr.No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Voc. III SEM V	Ms. K. S. Komatwar	Food Processing Technology	Post-Harvest Management U-PHM-650	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: Post Harvest Technology	15	20.06.2022 to 30.07.2022	Career Guidance	
2.	Unit II: Harvesting and Handling of important fruits & vegetables	15	01.08.2022 to 05.09.2022	Guest Lecture	Unit Test-I
3.	Unit III: Post-harvest physiological and biochemical changes in fruits and vegetables	15	06.09.2022 to 27.09.2022		
4.	Unit IV: Physiological post-harvest disorders	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.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

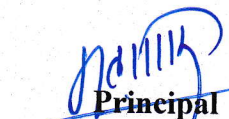


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**1. Details of Classes to be taught**

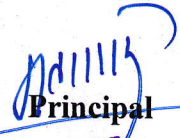
Sr.No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Sc. III SEM V	Ms. K. S. Komatwar	Biotechnology	Biofertilizer - I U-ADC-540-B	30 (2 Credit)

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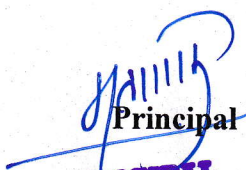
Sr.No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Sc. III SEM V	Ms. K. S. Komatwar	Biotechnology	Environmental Studies U-ENS-541	30

**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 and Natural resources	08	20.06.2022 to 30.07.2022	Career Guidance	
2.	Unit II: Ecosystems	10	01.08.2022 to 05.09.2022	Guest Lecture	Unit Test-I
3.	Unit III: Biodiversity and its conservation	06	06.09.2022 to 27.09.2022		
4.	Unit IV: Environmental pollution and its mitigation	06	28.09.2022 to 15.10.2022		Unit Test II

  
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Sr.No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	M.Sc. II SEM III	Ms. K. S. Komatwar	Biotechnology	Research Methodology and Scientific Report Writing P-SRW-342	30(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: 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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**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 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: Business Management	15	09.12.2022 to 31.12.2022	Surprise Test	
2.	Unit II: Human Resource Management	15	02.01.2022 to 28.01.2023	Guest Lecture	Unit Test-I
3.	Unit III: International Trade	15	30.01.2023 to 14.02.2023		
4.	Unit IV: World Consumption of Food	15	15.02.2023 to 02.03.2023	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.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 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 Quality Control in Food industry	18	09.12.2022 to 31.12.2022	Surprise Test	
2.	Unit II: Standard Tests for Quality Assessment	13	02.01.2022 to 28.01.2023	Guest Lecture	Unit Test-I
3.	Unit III: Mandatory Food Laws	19	30.01.2023 to 14.02.2023		
4.	Unit IV: Principles and steps of HACCP Plan	10	15.02.2023 to 02.03.2023	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.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 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: Importance of Bakery and Confectionary in food industry	18	09.12.2022 to 31.12.2022	Surprise Test	
2.	Unit II: Types of Flours	15	02.01.2023 to 28.01.2023	Guest Lecture	Unit Test-I
3.	Unit III: Cake, Biscuits and Cookies	12	30.01.2023 to 14.02.2023		
4.	Unit IV: Characteristics of Confectionary products	15	15.02.2023 to 02.03.2023	Field Visit and Industrial visit	Unit Test II

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Course Teacher

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Head  
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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 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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