Round 0

| **Discipline** | **Food Technology** |
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| **Lab** | **Food Microbiology (KFT 352)** |
| **Experiment** | **1. Preparation and sterilization of media and glass ware for microbial counts.**  **2. Determination of Standard Plate Count (SPC) in natural and/or processed foods.**  **3. Simple and differential staining of microorganisms and their examination.** |

**About the Lab(objective):**

The microbiology lab deals with the study of microbes. The lab involves learning the basic techniques of sterilizing media/glassware and growing microorganisms on specific media. Preparation of media and use of autoclave is studied. Samples are taken from various contaminated food. The growth of of microbes on media is later used to analyze the contamination of food.

**About the Experiment:**

1. Study the sterilization techniques used for media and glassware’s
2. Determination of the contamination of various food
3. Staining the microbes to analyze their structure and prdict their toxicity

**Target Audience:**

Students

**Course Alignment:**

Food Technology, Food Microbiology

**Universities Mapped:**

AKTU, Lucknow, Uttar Pradesh and I.E.T., Bundelkhand University, Jhansi, Uttar Pradesh

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