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 Agricultural
Entrepreneurship (ONLY
FOR FBIM)

 Agricultural
Entrepreneurship

**FSI31103 Food Safety
and Quality
Management**

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Course Learning Outcome

CLO1: Explain the concepts of food safety and toxicants in food. **(C2, MQF1)**

CLO2: Explain issues related to food safety with regards to physical, chemical and microbiological hazards. **(C4, MQF6)**

CLO 3: Describe how total quality management ensures quality and safe food product. **(A1, MQF4)**

 Announcements

An overview of food safety

1. Introduction
2. Signs and symptoms of food poisoning
3. Issues related to food safety
4. Implication of unsafe food
5. Types of food safety hazards

 An overview of food safety

Search forums

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Latest announce...

Add a new topic...

(No announcements have
been posted yet.)

Upcoming events

There are no upcoming
events

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Food Hygiene

1. Introduction
2. The cost of poor food hygiene
3. The benefits of good food hygiene
4. Food handlers practices that contribute to food poisoning
5. Sources of food poisoning

 2 Food Hygiene

Natural toxins in food

1. Introduction
2. Endogenous toxins in plant
3. Microbial toxins
4. Antinutritive

 Natural Toxins in Food

Chemical and additive in food

1. Introduction
2. Food additives
3. Heavy metals
4. Processing effect on nutrients

 Chemical and Additive in Food

Employee Good Manufacturing Practices

1. Basic GMP
2. Handwashing
3. Employee welfare room
4. Locker storage and sanitation

Recent activity

Activity since Tuesday, 17
November 2020, 9:25 AM
Full report of recent activity...
No recent activity

5. Gloves
6. Hair and beard covers
7. Clothing and footwear
8. Jewelry
9. Disease control



3 Employee Good Manufacturing Practices

Good Manufacturing Practices

1. Responsibility on food safety
2. Production environment
3. Processing equipment
4. Incoming materials
5. Cleaning system



4 Good Manufacturing Practices

Hazard Analysis Critical Control Point

1. Introduction
2. Evolving food safety concepts
3. Pre-requisite programs
4. HACCP study
5. HACCP principles



Hazard Analysis Critical Control Point (HACCP)

Sanitation in Food Industry

1. Introduction

2. Soil characteristics
3. Cleaning medium
4. Disinfection
5. Sanitation programmes

 Sanitation in Food Industry

Risk Analysis

1. Introduction
2. Risk analysis component
3. Risk assessment
4. Risk management
5. Risk communication

 Risk Analysis

Total Quality Management

1. Introduction
2. Quality assurance system
3. Perceived quality
4. Quality and cost

 Total Quality Management