

1. Introduction

- 1.1 Ancient practices of food preservation.
- 1.2 Emerging technological development of food processing practices.
- 1.3 Emerging technology for preservation of foodstuffs.
- 1.4 Technological hurdles
- 1.5 High-pressure technology.
- 1.6 Aseptic techniques in food processing & its practices

2 Agriculture Perspective Plan

- 2.1 Government Policy on self –sufficiency in food production.
- 2.2 Food production and processing technology development
- 2.3 Importance of high value crops.
- 2.4 Commercial agriculture and value addition.
- 2.5 Agri- business

3. Status of Food Industries in Nepal

- 3.1 History of the development of food industries.
- 3.2 Role of government sector in food industry development.
- 3.3 Current status of food processing industries and its development.
- 3.4 Quality management in food industries.
- 3.5 Prospects of food industry development.
- 3.6 Major issues, challenges and perspectives of food processing industries.

4. Planning and Management of food Industries

- 4.1 Current industrial development policies
- 4.2 Development of industrial infrastructure
- 4.3 Approaches of feasibility studies.
- 4.4 Consideration of environmental pollution control and environmental protection.
- 4.5 Export promotion policy of the Government.
- 4.6 Problems & Prospects of food industry development in Nepal.

5. Quality Control and Management

- 5.1 Importance of Quality Control and Food Control Management.
- 5.2 Current approach in quality control.
- 5.3 Planning and Management of laboratories.
- 5.4 Equivalence and Mutual Recognition Agreements (MRA)
- 5.5 Role of private sector in the laboratory services.
- 5.6 Laboratory accreditation and tractability.
- 5.7 ISO 9000 and ISO 14000.
- 5.8 GMP, HACCP.
- 5.9 Food Quality Assurance.
- 5.10. Modality of food quality management for dairy and meat processing industries.
- 5.11 Preventive and Pro-active food control, management programs.
- 5.12 Risk Analysis (Risk Assessment, Risk Management and Risk Communication).

6. Technology Development

- 6.1 Research needs and priorities in food processing.
- 6.2 Nutritional consideration in food processing.
- 6.3 Packaging technologies for emerging commodities marketing trend.
- 6.4 Latest trend in food processing technologies.
- 6.5 Functional Foods: importance, developmental needs and their relevance in health management.

7. Status of Nutritional Development

- 7.1 Nutrition status surveys and methodologies applied.
- 7.2 Importance of food consumption surveys in policy planning.
- 7.3 Current Nutritional Status of Nepal.
- 7.4 Government policies and programmes to combat nutritional problems.
- 7.5 Importance of multi-sectarian approaches in the implementation of nutrition programmes.
- 7.6 Organizational structures for monitoring and evaluation of nutrition plan, policies and programmes.
- 7.7 Food and Nutrition policy, plans programme and project formulation.

8. Convention and Implementation

- 8.1 Global and regional food and nutrition policies and convention (ICN and World Food Summit).
- 8.2 Implementation Status of World Food Summit, ICN, Codex, WTO, SPS on Nepalese context.
- 8.3 Role of Consumer's Forum and Media in Food Safety Assurance.