

Office of service commission

Course Curriculum : **Agriculture Extension**

1, Extension Education :

- 1.1 Origin and growth of Extension Education
- 1.2 Basic elements of Extension Education
- 1.3 Concepts, definition, principle, philosophy and objectives of Extension Education
- 1.4 Important of Extension Education in agriculture, Livestock, Forestry and Veterinary development in Nepal
- 1.5 Extension is more than Advertisement, Propaganda and Publicity.
- 1.6 Scope of Agriculture Extension work
- 1.7 New directions in Extension work
 - 1.7.1 New subject matter areas.
 - 1.7.2 Privatization of Extension Services
 - 1.7.3 Pluralism in agricultural Extension Services
 - 1.7.4 Gender mainstreaming in agriculture
 - 1.7.5 Agricultural marketing in extension services
 - 1.7.6 Media use
 - 1.7.7 Net working farmers
 - 1.7.8 Sustainable agriculture

2 Extension Teaching Methods

- 2.1 Individual teaching methods
- 2.2 Group teaching methods
- 2.3 Mass teaching methods
- 2.4 Audio-visual aids
- 2.5 Factors to be considered in selection of extension teaching methods.
- 2.6 Difference between Method Demonstration, Result Demonstration and Mini Kit Demonstration
- 2.7 Strong and Weak points of teaching methods .
- 2.8 Trainees dominated or learner centered Teaching methods.
- 2.9 Trainers domained or teacher centered teaching methods.

3. Agricultural Extension System in Nepal

- 3.1 Objectives, implementation and coordination mechanism
 - 3.1.1 Conventional Extension System
 - 3.1.2 Extension System in Integrated Rural Development Project
 - 3.1.3 Training and Visit System
 - 3.1.4 Tuki System
 - 3.1.5 Farming System Research and Extension System
 - 3.1.6 Extension System under Block Production Program
 - 3.1.7 Group Approach
 - 3.1.8 Extension System under pocket package strategy. one village one product program
 - 3.1.9 Farmers Field Approach
 - 3.1.10 Farmers to Farmers extension approach Far
- 3.2 Coordination of agencies involved in agriculture Extension

4. Training and Leadership Development

- 4.1 Important of Training
- 4.2 Training Process
- 4.3 Training need assessment
- 4.4 Training implementation / Management
- 4.5 Leader and Leadership
- 4.6 Basic elements of Leadership
- 4.7 Leadership development process
- 4.8 Role of local leader in agriculture extension
- 4.9 Types of local leader in Rural community
- 4.10 Methods of discovering local leader.

5. Stake holders in Agriculture Development

- 5.1 Agricultural Research Station
- 5.2 Agricultural Institute/ University
- 5.3 District Agriculture Development office
- 5.4 Credit Institution
- 5.5 CBOs, NGO and INGOs
- 5.6 National Seed Company limited (NSCL), Agriculture Inputs Company Limited (AICL)
- 5.7 Private Input Suppliers
- 5.8 Farmers organizations
- 5.9 District Development Committees
- 5.10 Krishi Gayan Centre

6. Communication in Agricultural Extension

- 6.1 Role of communication in Development
- 6.2 Importance of Communication in Extension Work
- 6.3 Function of Communication
- 6.4 Model of Communication process
- 6.5 Types of Communication media/Channels
 - 6.5.1 Mass media Channels
 - 6.5.2 Interpersonal Channels
 - 6.5.3 Indigenous communication channels
 - 6.5.4 Distinguishing Characteristic of Mass media channel and Inter personal channels

6.6 Attributes of communication

6.7 Communication fidelity and Communication Behavior

6.8 Attributes of Communication

7. Program planning

7.1 Definition and Importance of Program Planning

7.2 Types of Extension Program planning

7.3 Program Planning Development Process

7.4 Factors to be considered in executing extension program

7.5 Monitoring , Evaluation, and Feed -back in Extension program

7.6 Types of Evaluation

7.7 Basic steps in Evaluating Extension program

7.8 Tools for collecting data

8. Teaching learning Process

8.1 Concepts of learning

8.2 Teaching learning process

8.3 Elements of Teaching- learning process

8.4 Steps in Teaching -learning process

8.5 Methods of Teaching

8.6 Factors Affecting Adult learning

8.7 Adult learner Characteristics

8.8 Important Principle of Adult Education

9. Innovation -Decision Process:

9.1 Definition of Adoption Process And Diffusion Process

9.2 Basic elements of diffusion process

9.3 Innovation- decision process and Innovation- decision Period

9.4 Models of Adoption Process

9.5 Adopters Categories and their characteristics

9.6 Factors affecting the rate of adoption

10. Transfer of Technology (TOT)

10.1 Concepts of Transfer of technology

10.2 Concept of Appropriate technology

- 10.3 Types of agriculture technology
- 10.4 Farming system Research/ Extension
- 10.5 Participatory technology development (PTD)
- 10.6 Indigenous technological knowledge (ITK)
- 10.7 Models of TOT:
 - 10.7.1 Conventional Model
 - 10.7.2 Feedback Model
 - 10.7.3 Farmers participatory Model
 - 10.7.4 Farmers to farmers Model
- 10.8 Emerging Concept of TOT
- 10.9 Extension as the third function of Agriculture University.