

**Course Code : EXT 202**  
**Course Title : Fundamentals of Agricultural Extension**  
**Credit Hours : 3(2+1) Full Marks: 75 Theory: 50 Practical: 25**

## OBJECTIVES

Upon the completion of this course, the students will understand the basic concept of education and extension education, their principle, philosophy, objective, method, system and practices etc. and apply the agricultural extension knowledge to the farming community.

## I. SYLLABUS

Meaning, concept, definition and type of education and extension education, their objective, role in agricultural development, Principle, Philosophy and method of extension education derived from psychology of education and their application to agricultural extension. Historical perspective of extension education and scope of agricultural extension, their system, organizational setup and method used in extension education. Extension teaching learning process, agricultural technology and transfer of technology. Program planning their characteristics, type, level and principle of good program planning process. Identification, characteristics, selection of local leader and their roles in agricultural extension program. Role, function, organizational setup of LGS of Agricultural collage and University in agriculture development. Monitoring and evaluation of extension program.

## II. COURSE OUTLINE

### A. lecture

| S. N. | Topic  | No. of Lectures |
|-------|--|-----------------|
| 1.    | Meaning, concept, definition, objective of education   | 1               |
| 2.    | Formal, Informal and Non-formal education and their nature<br>role and characteristics in development society  | 1               |
| 3.    | Meaning, concept, definition of Extension education  | 1               |
| 4.    | History of extension education   | 1               |
| 5.    | Principle and philosophy of extension education  | 1               |
| 6.    | Scope, objective and role of extension in agriculture development  | 1               |
| 7.    | Fundamental concept of psychology of teaching learning process,<br>elements  | 1               |
| 8.    | Theory, law and principle of teaching learning.  | 1               |
| 9.    | Extension teaching method and audio-visual aids, their applic<br>ation in agriculture development different societya.<br>a. Classification of Extension Teaching Methods<br>b. Individual and Group Methods<br>c. Mass Methods and Audio Visual Aids | 3               |
| 10.   | History and present approaches of Agricultural extension in Nepal  | 1               |
| 11.   | Contemporary Agricultural Extension Approaches   | 1               |
| 12.   | Innovation diffusion process   | 1               |
| 13.   | Categories and characteristics of Adopters in innovation decision  | 1               |
| 14.   | Major functions of extension in transfer of technology   | 1               |
| 15.   | Concept of sustainable agricultural technology   | 1               |
| 16.   | Privatization of Agri-Extension: Concept, reasons and role of<br>public private extension system   | 1               |

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| 17.          | Elements of private extension system and strategies for privatizing extension  | 1         |
| 18.          | Basic concept of leader, their types and leadership development  | 1         |
| 19.          | Selection, utilization and role of local leader in rural development program   | 1         |
| 20.          | Program Planning in Agricultural Extensiona.<br>a. Concept, meaning, scope and objective<br>b. Principle and philosophy<br>c. Type, level and steps of program planning cycle in agriculture | 3         |
| 21.          | Basic concept of monitoring and evaluation of extension program  | 1         |
| 22.          | Method, technique and approach in M & E of agriculture development programs  | 1         |
| 23.          | Major Institutions Providing Extension/advisory Services in the Country  | 1         |
| 24.          | Sharing, linkage and partnership of agricultural extension system services   | 1         |
| 25.          | Role, function, organizational setup of Land Grant System (LGS) of University  | 1         |
| 26.          | Principle and function of Agriculture College and University in agriculture development.   | 1         |
| <b>Total</b> |  | <b>30</b> |

#### **B. Practical**

| <b>S.N.</b>  | <b>Topic</b>  | <b>No. of Practicals</b> |
|--------------|---|--------------------------|
| 1.           | Preparation of farm level production plan<br>i) crop production<br>ii) Livestock production (simulated)   | 2                        |
| 2.           | Interaction visit and meeting to study program planning process, plan of work, organizational setup, function and their responsibilities<br>a. DADO/DLS and DIO<br>b. LDO, Financial Institutions<br>c. NARC<br>d. ASC and Farmer's Group | 1<br>1<br>1<br>1         |
| 3.           | Interaction visit and meeting with an I/NGO/CBOs/Co-operatives/ Private sectors and its local group and study their program planning process, plan of work and implementation   | 1                        |
| 4.           | Preparation of general community level plan of production in field crop, fruits, vegetables and livestock production (selective and simulated)  | 1                        |
| 5.           | Visit and interaction meeting with commercial farmer's group formed by<br>a. DADO for extension program<br>b. PRA, RRA<br>c. Problem Censing and Problem Solving Techniques   | 1<br>1<br>1              |
| 6.           | Conducting a village level agricultural Extension Research: (Proposal writing to report presentation)   | 2                        |
| <b>Total</b> |   | <b>15</b>                |

## REFERENCES

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