

INSTITUTE	FACULTY OF AGRICULTURE
PROGRAM	BACHELOR OF SCIENCE (Hons.) AGRICULTURE
SEMESTER	3
COURSE TITLE	FUNDAMENTALS OF AGRICULTURAL EXTENSION EDUCATION
COURSE CODE	16AS0306
COURSE CREDITS	3

Objective:

- 1 To acquaint the knowledge on concept, objectives, principles, philosophy of extension management along with to develop an understanding on the process, steps, principles, monitoring and evaluation involved in agricultural extension programme development for transfer of technology.

Course Outcomes: After completion of this course, student will be able to:

- 1 Students will gain knowledge about the fundamentals of extension education, extension systems in India, programme planning and rural development efforts.
- 2 Students will learn about new trends in agricultural extension like private extension, market-led-extension, expert systems, farmer-led-extension and cyber extension.
- 3 Students will get an opportunity to visit different organizations involved in extension activities and rural development work.
- 4 Students will pertains communication strategies using agricultural journalism for innovation, diffusion and adoption of agricultural technology.

Pre-requisite of course:To familiar students about different extension activities and Yojanas.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
2	0	2	50	30	20	25	25

Contents : Unit	Topics	Contact Hours
1	<p>Education: Meaning, definition & Types; Extension Education-meaning, definition, scope and process; objectives and principles of Extension Education; Extension Programme planning- Meaning, Process, Principles and Steps in Programme planning.</p> <p>Education: Meaning, definition & Types; Extension Education-meaning, definition, scope and process; objectives and principles of Extension Education; Extension Programme planning- Meaning, Process, Principles and Steps in Programme planning.</p>	2

Contents : Unit	Topics	Contact Hours
2	<p>Extension systems in India (TOT).Extension efforts in pre-independence era (Sriniketan, Marthandam, Firka Development Scheme, Gurgaon Experiment, etc.) and post-independence era (Etawah Pilot Project, Nilokheri Experiment, CDP, NES etc.) various extension/ agriculture development programmes launched by ICAR/ Govt. of India (IADP, IAAP, HYVP, IVLP, ORP, ND, NATP, NAIP, etc. Name, Year with Important Remarks).</p> <p>Extension systems in India (TOT).Extension efforts in pre-independence era (Sriniketan, Marthandam, Firka Development Scheme, Gurgaon Experiment, etc.) and post-independence era (Etawah Pilot Project, Nilokheri Experiment, CDP, NES etc.) various extension/ agriculture development programmes launched by ICAR/ Govt. of India (IADP, IAAP, HYVP, IVLP, ORP, ND, NATP, NAIP, etc. Name, Year with Important Remarks).</p>	3
3	<p>Rural Development: concept, meaning, definition; various rural development programmes launched by Govt. of India viz. Panchayat Raj System, Rashtriya Krishi Vikas Yojana, Antyodaya Anna Yojana, Deendayal Upadhyaya Gramin Koushalya Yojana, Deendayal Disable Rehabilitation Scheme, Gramin Bandharan Yojana, Rural Housing (Indra Awas Yojana) Integrated Child Development Scheme, Integrated Rural Development Programme, Livestock Insurance Scheme, Mahatma Gandhi National Rural Employment Guarantee Act, National Food Security Mission, National rural Livelihood mission, pradhanmantri Awas Yojana, Swarnjayanti Gram Swarozgara Yojana (Name, Year with Important Remarks).</p> <p>Rural Development: concept, meaning, definition; various rural development programmes launched by Govt. of India viz. Panchayat Raj System, Rashtriya Krishi Vikas Yojana, Antyodaya Anna Yojana, Deendayal Upadhyaya Gramin Koushalya Yojana, Deendayal Disable Rehabilitation Scheme, Gramin Bandharan Yojana, Rural Housing (Indra Awas Yojana) Integrated Child Development Scheme, Integrated Rural Development Programme, Livestock Insurance Scheme, Mahatma Gandhi National Rural Employment Guarantee Act, National Food Security Mission, National rural Livelihood mission, pradhanmantri Awas Yojana, Swarnjayanti Gram Swarozgara Yojana (Name, Year with Important Remarks).</p>	3
4	<p>New trends in agriculture extension: KVK, ATMA, ATIC in detail , Brief about privatization extension, cyber extension/e-extension, market-led-extension, farmer-led -extension, expert systems, etc.</p> <p>New trends in agriculture extension: KVK, ATMA, ATIC in detail , Brief about privatization extension, cyber extension/e-extension, market-led-extension, farmer-led -extension, expert systems, etc.</p>	2

Contents : Unit	Topics	Contact Hours
5	Monitoring and evaluation- concept and definition, monitoring and evaluation of extension programmes. Monitoring and evaluation- concept and definition, monitoring and evaluation of extension programmes.	1
Total Hours		11

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
1	A visit to understand the problems being encountered by the villagers/farmers A visit to understand the problems being encountered by the villagers/farmers	2
2	Preparation of Interview Schedule and data analysis for farmers Preparation of Interview Schedule and data analysis for farmers	2
3	Study the organization and functioning of Gram Panchayat Study the organization and functioning of Gram Panchayat	2
4	Study the organization and functioning of Cooperative Study the organization and functioning of Cooperative	2
5	Study the organization and functioning of NGO Study the organization and functioning of NGO	2
6	To visit and study of KVK To visit and study of KVK	2
7	To visit and study of SSK To visit and study of SSK	2
8	To visit and study of ATIC To visit and study of ATIC	2
9	PRA techniques and its application in planning of village development activities PRA techniques and its application in planning of village development activities	2
Total Hours		18

Textbook :

- 1 NA, NA, NA, NA

References:

- 1 Fundamentals of Extension Education and Management in Extension, Fundamentals of Extension Education and Management in Extension, Jalihal, K.A. and Veerabhadraiah, V., Concept Publishing House, 2007
- 2 Extension Education - New Horizons, Extension Education - New Horizons, Vasantha R and Kiran, Kalyani Publishers, 2012

References:

- 3 Extension and Communication for Development, Extension and Communication for Development, Dahama, O.P. and Bhatnagar, O.P., Oxford & IBH Private Limited, 1999
- 4 Extension Eduation, Extension Eduation, Adivi Reddy, A., Sree Lakshmi Press, 2006

Suggested Theory Distribution:

The suggested theory distribution as per Bloom’s taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery and evaluation					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking
25.00	25.00	20.00	10.00	10.00	10.00

Instructional Method:

- 1 The course delivery method will depend upon the requirement of content and need of students. The teacher in addition to conventional teaching method by black board may also use any of tools such as demonstration, role play, quiz, brain storming, MOOCs etc.
- 2 The internal evaluation will be done on the basis of continuous evaluation of students in the laboratory and class-room.
- 3 Practical examination will be conducted at the end of semester for evaluation of performance of students in laboratory.
- 4 Students will use supplementary resources such as online videos, NPTEL videos, e-courses, Virtual Laboratory.