

**COLLEGE OF FISHERIES, KISHANGANJ
(BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA)**

**Sub: Fisheries Extension Education Course Code: FEX221
Lecture Plan**

Theory			
Sl. No.	Topics	No. of lecture	Assigned Faculty
1.	Introduction to extension education and fisheries extension - concepts, objectives and principles	02	Dr. Narendra Kumar Verma
2.	Extension education, formal and informal education	01	Dr. Narendra Kumar Verma
3.	History and role of fisheries extension in fisheries development	02	Dr. Narendra Kumar Verma
4.	Fisheries extension methods- individual, group and mass contact methods and their effectiveness, factors influencing their selection and use	02	Dr. Narendra Kumar Verma
5.	Characteristics of technology, transfer of technology process; important TOT programs in fisheries.	02	Dr. Narendra Kumar Verma
6.	Role of NGOs and SHGs in fisheries	01	Dr. Narendra Kumar Verma
7.	Fisheries co-management	01	Dr. Narendra Kumar Verma
8.	Adoption and diffusion of innovations, adoption and diffusion process, adopter categories and barriers in diffusion of fisheries innovations	02	Dr. Narendra Kumar Verma
9.	Extension program planning and evaluation - steps and importance	02	Dr. Narendra Kumar Verma
10.	Participatory planning process	01	Dr. Narendra Kumar Verma
11.	Basic concepts in rural sociology and psychology and their relevance in fisheries extension; social change, social control, social problems and conflicts in fisheries	02	Dr. Narendra Kumar Verma
12.	Gender issues in fisheries	01	Dr. Narendra Kumar Verma
13.	Theories of learning, learning experience, learning situation.	02	Dr. Narendra Kumar Verma
14.	Trickle Down System (TDS) of aquaculture extension	01	Dr. Narendra Kumar Verma

Practical			
Sl. No.	Topics	No. of lecture	Assigned Faculty
1.	Collection of socio-economic data from fishing villages	01	Dr. Narendra Kumar Verma
2.	Study of social issues/problems through participatory and rapid rural appraisal techniques,	01	Dr. Narendra Kumar Verma
3.	Stake holders analysis and needs assessment	01	Dr. Narendra Kumar Verma
4.	Assessment of development needs of community and role of formal and non – governmental organizations through stakeholder analysis	01	Dr. Narendra Kumar Verma
5.	Case studies on social/gender issues and social conflicts in fisheries	01	Dr. Narendra Kumar Verma
6.	Case studies on extension programs and Success stories	01	Dr. Narendra Kumar Verma
7.	Practical exercises on conducting fish farmers meet	01	Dr. Narendra Kumar Verma
8.	Pooling the strength of farmers, entrepreneurs and fishers and its application in providing extension services	01	Dr. Narendra Kumar Verma
9.	Use of ICT in extension services.	01	Dr. Narendra Kumar Verma
10.	On-site training of farmers and fishers including training need assessment and post-training evaluation	01	Dr. Narendra Kumar Verma