

Syllabus: ECO 371 VSC - Agricultural Economics - Practical [2P]

Class: TYBA Economics

Semester: VI

Course Type: Credits Related to Major – Vocational Skill Course

Course Code: ECO 371 VSC

Course Name: Agricultural Economics - Practical

No. of Credits: 02 Credits [Practical]

No. of Lectures / Practical per week – 4 Hours

No. of Hours: 60 Hours

Total Marks: 50 Marks

Preamble:

The practical component aims to develop vocational and analytical skills among students by exposing them to real agricultural situations through fieldwork, surveys, data collection, and analysis. Students will gain hands-on experience with farm budgeting, marketing, use of ICT, and preparation of agribusiness proposals. The course promotes self-employment, agri-entrepreneurship, and decision-making skills aligned with the NEP 2020 vocational education framework. Through farm surveys, interaction with farmers, cooperative institutions, and data analysis exercises, students will gain a realistic understanding of agricultural production, marketing, and rural livelihoods.

Course Learning Outcomes (COs):

After successful completion of the Practical course, students will be able to:

1. Conduct farm and market surveys effectively.
2. Prepare farm budgets and analyze cost-return structures.
3. Use digital platforms and statistical tools in agriculture.
4. Prepare short agribusiness proposals and project reports.
5. Demonstrate practical communication, teamwork, and presentation skills.

Learning Objectives:

1. To develop skills in agricultural data collection, analysis, and interpretation.
2. To study farm management practices through field visits and surveys.
3. To train students in the preparation of farm budgets and agri-projects.
4. To enhance knowledge about agri-business, government schemes, and ICT applications.
5. To promote employability, entrepreneurship, and rural innovation.

UNITS AND CONTENTS

Unit No.	Unit Title and Contents	Practical
1	1. Agriculture Production	05
	1.1 - Agricultural Production Function, GDP Share and Growth Rate Analysis	
	1.2 - Farm Survey: Collection of data on land use, crop pattern, input use, costs, and returns	
	1.3 - Farm Budgeting: Cost-benefit analysis of Crops, Crop Diversification Analysis	
	1.4 - Agriculture Insurance: Types and Policy	
	1.5 - Agriculture Productivity Trend in India	
	1.6 - Measuring Terms of Trade Between Agriculture and Industry	
2	2. Agriculture Marketing	05
	2.1 - Agriculture Marketing in India	
	2.2 - APMC and Government Purchasing-FCI, NAFED,	
	2.3 - Agriculture Price Determination Methods: MSP and Market Price	
	2.4 - Online Platforms: e-NAM, DeHaat, Ninjacart, Kisan Network, AgMarknet, NCDEX	
	2.5 - Awareness of Government Schemes: PM-Kisan, FPO, Crop Insurance, NABARD, MahaDBT, Pokhara, etc.	
3	3. Agriculture Business and Finance	05
	3.1 - Agri-Business: Types and Trend	
	3.2 - Farmer Producer Organization (FPO)	
	3.3 - Agricultural Credit – Crop Loan Distribution	
	3.4 - Import-Export Analysis of Agriculture Products.	
	Total Practical	15

***Note: (01 practical = 04 Hours)**

- Note:** 1. We may include Case Studies, Numerical Examples- Problems and Graphical Representations for unit 1 to 3.
 2. Students should prepare the Practical Work Book.

Practical Assessment – 50 Marks, 02 Credits

Sr. No.	Assessment Type	Marks
1	Internal Assessment – 20 Marks - Choose any three tools	20
2	External Assessment – 30 Marks - Practical Book/Journal – - Oral - - Practical Exam -	10 05 15
Total Marks		50

Recommended Readings

1. Dhingra, I.C, Indian Economy: Environment and Policy
2. Sdhu, A.N. & Singh, A., Agricultural Economics
3. Lekhi, R.K. & Singh, J., Agricultural Economics: An Indian Perspective
4. Acharya, S.S. & Agarwal, N.L., Agricultural Marketing in India
5. Government of India. Economic Survey (latest edition)
6. Ministry of Agriculture & Farmers Welfare, Agricultural Statistics at a Glance
7. e-NAM Portal, NABARD Reports, and NITI Aayog Agricultural Papers, Agri Portal Data.
8. भारतीय अर्थव्यवस्था @75 - एक कटाक्ष - विनायक महादेव गोविलकर
9. कृषी अर्थशास्त्र - व्ही. वी. नारखेडे, ए. एन. पाटील व इतर- अथर्व प्रकाशन
10. कृषि अर्थशास्त्र - शिवभूषण गुप्ता व अमृता सिंह, एसबीपीडी प्रकाशन