



ST. ALOYSIUS COLLEGE(AUTONOMOUS), JABALPUR

Reaccredited 'A+' Grade by NAAC(CGPA:3.68/4.00)

College with Potential for Excellence by UGC

DST-FIST Supported & STAR College Scheme by DBT

Faculty of Arts

SUBJECT: ECONOMICS

B.A. IV Year

Paper- I

Agriculture Economics

Course Outcomes

CO. No.	Course Outcomes	Cognitive Level
CO 1	Students will understand the Principles and models of agriculture economics.	U and An
CO 2	Students will understand input-output of agriculture sector and their inter relationship with economy.	R and U
CO 3	Enabling students to understand the Characteristics of Vedic Farming and the Allied Activities.	U and App
CO 4	Students will understand role of agriculture finance and agriculture marketing system.	U and An
CO 5	Students will acquire the knowledge about the role, importance of agriculture in the Indian economy and recent trends of Indian Agriculture..	App and An

Credit and Marking Scheme

	Credits	Marks		Total Marks
		Internal	External	
Theory	4	30	70	100
Practical	-	-	-	-
Total	4			

Evaluation Scheme

	Marks	
	Internal	External
Theory	4 Internal Exams of 10 Marks (During the Semester) (Best 3 will be taken)	1 External Exams (At the End of Semester)



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Content of the Course

No. of Lectures (in hours per week): 3 Hrs. per week

Total No. of Lectures: 45 Hrs.

Maximum Marks: 70

Units	Topics	No. of Lectures
I	Introduction: 1. Agricultural Economics- Definition, Nature, Scope, and Importance 2. Inter-Sectoral Linkages of Agriculture 3. Mellor's Theory of Agriculture Development 4. Fei-Rains Model of Agriculture Development 5. Schultz and Boserup's Theory of Agriculture Development	12
II	Agricultural Production and Farming System: 1. Production Functions- Factor-Production, Factor-Factor and Product-Product Relationships 2. Size of Farm and Laws of Returns 3. Land Tenures and Farming Systems 4. Measures and Performance of Land Reforms 5. Problems of Marginal and Small Farmers	12
III	Agriculture and Allied Activities And Environment: 1. 1 Characteristics of Vedic Farming 2. Organic Farming-Definition, Principles, Components and Relevance in Present Context 3. Livestock Economy- Livestock Resources and their Productivity 4. White Revolution 5. Fishery and Poultry Development, Forestry, Horticulture and Floriculture 6. Agriculture Development and Environment- Effects of Climate Change and Problem of Ground Water Depletion	12
IV	Agricultural Finance and Marketing: 1. Need and Sources of Agriculture Finance- Institutional and Non – Institutional 2. Agricultural Markets and Market Efficiency 3. State Policy with Respect to Agricultural Marketing 4. Terms of Trade between Agricultural and Non -Agricultural Prices 5. Agricultural Price Policy- Objectives, Instrument and Evaluation	12



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V	New Trends in Indian Agriculture: 1. Role of Agricultural Sector in Indian Economy- National Income and Employment Generation 2. Factor Determining the Growth of Production and Productivity 3. Role of Public Investment and Capital Formation in Indian Agriculture 4. Impact of World Trade Organization on Indian Agriculture 5. Prospects and Problems of Indian Agriculture	12
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Suggested Readings:

1. Bilgrami, S.A.R(1996) An introduction to Agriculture Economics, Himalaya Publishing House Mumbai
2. Desai R. G (Latest) Agriculture Economics, Himalaya Publishing House Mumbai,
3. Rudra, A (1982)Indian Agriculture Economics: Myths and Reality, Allied Publishers, New Delhi
4. Sadhu, A. N. and Amarjit Singh(Later) Fundamental of Agriculture Economics, Himalaya publishing House Mumbai
5. Saini, G.R(1979) Farm Size, Resource Use Efficiency and Income Distribution, Allied Publishers New Delhi
6. Srivatsava O.S(1987) Theoretical Issues of Agricultural Economics, Allied Publishers Pvt. Lted, New Delhi
7. Reddy S.S R. Ram, N. Sastry and B. Devi(2012), Agricultural Economics, Oxford & IBH, New Delhi
8. Singh, C.B Singh, R.K.A Text book of Agricultural Economics, Laxmi publication: First Edition India, 1 January 2011
9. Dall, BhaniRam Dall Mamta New Agricultural Success Book, PMC Publishers and Distributors(Fourth Edition), India 24th December 2020
10. Colman, David and Young, Trevor, Principles of Agricultural Economics: Market and Prices in Less Development Countries, Cambridge University Press RePrint 2020
11. अग्रवाल एन .एल भारतीय कृषि का अर्थतंत्र, राजस्थान हिंदी ग्रन्थ अकादमी, जयपुर
12. मिश्र जय प्रकाश, कृषि अर्थशास्त्र, साहित्य भवन पब्लिकेशन आगरा
13. गुप्ता एस बी, कृषि अर्थशास्त्र SDBP पब्लिकेशन आगरा