



SYMBIOSIS

**Symbiosis College of Arts and Commerce**  
(An Autonomous College Affiliated to SPPU)

Subject code	Semester	I	II	III	IV	V	VI	M.A.	I	II	III	IV
Title of the Paper	<b>AGRICULTURAL ECONOMICS</b>											
Objectives	<ol style="list-style-type: none"> <li>To understand nature of Agricultural Economics.</li> <li>To equip the students at the postgraduate level to latest agricultural developmental policies for empirical analysis.</li> <li>To study the types of models for the development of agricultural produce.</li> <li>To study the relevance of Agricultural policies, to enhance the students' awareness on contemporary debates in the literature, and leads them to analysis of current governmental policies and strategies for surviving agricultural sector in the globalizing world.</li> </ol>											
<b>Detailed syllabus</b>												
<b>Unit 1</b>	<b>Role of agriculture and agricultural models for development</b>											<b>Number of Hours</b>
	1.1 Role of agriculture in a developing economy vis-à-vis a developed economy. 1.2 Theories of agricultural development (Lewis, Schultz, Mellor, Fei Renis model) 1.3 Production function in agriculture; size of farm and law of returns											14
<b>Unit 2</b>	<b>State and Agriculture</b>											
	2.1 <b>Agricultural finance in India:</b> Importance; types of requirements; sources: non-institutional and institutional: existing rural credit delivery system(multi agency approach); 2.2 <b>Agricultural marketing in India:</b> markets and marketing functions, channels of distribution of various commodities; regulated markets and warehousing; Role of cooperatives in Agriculture. 2.3 <b>Agricultural Price Policy (APP):</b> Nature of demand and supply of agricultural products: Need for state intervention; objectives of APP; instruments and evaluation. 2.4 Government strategy for agricultural development in India , Role of public investment in Indian agriculture, MNCs and contract farming,											16
<b>Unit 3</b>	<b>Technological Changes in Agriculture and Sustainable Development</b>											
	3.1 <b>Technology in agriculture:</b> Traditional and new techniques and practices, HYV Seeds — fertilizers, water technology (green revolution); Sustainable agriculture; Emerging trends in agricultural technology; 3.2 <b>Dry land farming, use of bio-technology techniques</b> 3.3 Agricultural Diversification and Agribusiness 3.4 Food Security: Concept, measurement, magnitude, and critical evaluation of government policies.											16
<b>Unit 4</b>	<b>Agriculture and External sector</b>											14



	4.1 Agreement on Agriculture under WTO. 4.2 Issues and Impact of WTO on Indian Agriculture. 4.3 Terms of Trade -Trends in India's agricultural exports and imports implications 4.4 Impact of globalization on Indian agriculture.	
	<b>Total Number of Hours</b>	60
<p><b>Suggested Reference Books</b></p> <p>Bhaduri, A. (1984), The Economic Structure of Backwar Agriculture, Macmillan, Delhi.</p> <p>Singh, A.; Sadhu, A.; Singh J, Fundamentals of Agricultural Economics Himalaya Publishing House Pvt. Ltd. 11<sup>th</sup> Edition</p> <p>Bilgrami, S.A.R. (199 Agricultural Economics, Himalaya Publishing House, Delhi.</p> <p>Dantwala, M.L. et. al (1996), Indian Agricultural Development Since Independence, Oxford &amp; IBH, New Delhi.</p> <p>Government of India (1976), Report of the national Commission on Agriculture, New Delhi</p> <p>Government of India, Economic Survey (Annual), New Delhi.</p> <p>Gulati, A. and T. Kelly (1999), Trade Liberalisation and Indian Agriculture, Oxford University Press, New Delhi.</p> <p>Joshi, P.C. (1975), Land Reforms in India: Trends and Prospects, Allied Publishers, Bombay.</p> <p>Kahlon, .A.A. and Tyagi D.S. (1983), Agriculture Price Policy in India, Allied Publishers, New Delhi.</p> <p>Rao, C.H. Hanumantha (1983), Agriculture Growth, Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.</p> <p>Rudra A. (1982), Indian Agricultural Economics: Myths and Reality, Allied Publishers, New Delhi.</p> <p>Saini, G.R. (1979), Farm Size, Resource use Efficiency and Income Distribution, Allied Publishers, New Delhi.</p> <p>Datt, R. and K.P.M. Sundharam (2001), Indian Economy, S. Chand &amp; Company Ltd., NewDelhi.</p> <p>Dhingra, I. C. (2001), The Indian Economy : Environment and Policy, Sultan Chand &amp; Sons,New Delhi.</p> <p>Singh, A.; Sadhu, A.; Singh, J. (2000) Fundamentals of Agricultural Economics by Himalaya Publishing House Pvt. Ltd. 11th Edition</p> <p>State of Indian Farmer-A millennium study (various volumes) by Ministry Of Agriculture, Academic Foundation</p>		
<p><b>Suggested Journals &amp; Database</b></p> <ul style="list-style-type: none"> <li>• Economic Survey: Various Issues</li> <li>• Journals,World Development Reports,GOI Publications</li> <li>• CMIE DATSBASE</li> </ul>		

