

SARDAR PATEL UNIVERSITY
Programme: BA (Geography)
Semester: VI
Syllabus with effect from: December 2013

Paper Code: UA06CGEO18	Total Credits: 3
Title Of Paper: Agriculture Geography	

Unit	Description in detail	Weightage (%)
1	Nature, scope, significance and development of agricultural geography. Approaches to the study of agricultural geography: Commodity, systematic and regional and systems. Origin and dispersal of agriculture. Sources of agricultural data.	
2	Determinants of agricultural land use - Physical, economic, social, and technological. Land holding and land tenure systems, Land reforms, land use policy and planning. Selected agricultural concepts and their measurements; cropping pattern, crop concentration, intensity of cropping, degree of commercialisation, diversification and specialization, efficiency and productivity, crop combination regions and agricultural development. Green Revolution - its impact and consequences.	
3	Theories of agricultural location based on several multi-dimensioned factors: Von Thunen's theory of agricultural location and its recent modifications; land use and land capability.	
4	Agriculture in India- Land use and shifting cropping pattern. Regional pattern of productivity in India. Green Revolution, White Revolution, Food deficit and food surplus regions; nutritional index. Specific problems in Indian agriculture and their management and planning. Agricultural Policy in India.	
5	Contemporary Issues: Food, nutrition and hunger, food security, drought and food security, food aid programmes; environmental degradation, role of irrigation, fertilizers, insecticides and pesticides, technological know-how. Employment in the agricultural sector: landless labourers, woman, children: occupational health and agricultural activities.	

Basic Text & Reference Books:

- Bayliss Smith, T.P.: The Ecology of Agricultural Systems. Cambridge University Press, London , 1987.
- Berry, B.J.L. et. al. : The Geography of Economic Systems. Prentice Hall, New York, 1976.
- Brown, L.R.: The Changing World Food Prospects - The Nineties and Beyond. World Watch Institute, Washington D.C., 1990.
- Dyson, T.: Population and Food - Global Trends and Future Prospects. Routledge , London, 1996.
- Gregor, H.P.: Geography of Agriculture. Prentice Hall, New York, 1970.
- Grigg, D.B.: The Agricultural Systems of the World. Cambridge University Press , New York 1974.

