

M.A/ M. Sc (Two Years Degree Programme)	
III Semester	
Subject- Geography	
Code of the Course	GEG9008T
Title of the Course	AGRICULTURAL GEOGRAPHY
Qualification Level of the Course	NHEQF Level 6.5
Credit of the Course	4
Type of the Course	Discipline Centric Core course in Geography
Delivery type of the Course	Lecture (40+20=60). The 40 hours for content delivery and 20 hours of diagnostic assessment, formative assessment, and subject/ class activity, problem solving.
Prerequisites	Basic understanding of geographical concepts of Secondary level.
Co-requisites	None
Objectives of the Course	<ul style="list-style-type: none"> • To understand the concept of land use/land cover classification and determinants of agriculture. To familiarize the students with agriculture regions of India and the World and various types of agriculture system . • To analyze the food security along with various agricultural revolutions and government policies in India. • Familiarize the learners with the approaches, concepts and broader perspectives of agricultural geography. • Develop an understanding about various theories in agricultural geography.
Learning Outcomes	<p>After studying, students will be able to:</p> <ol style="list-style-type: none"> 1. Conceptualize the agriculture and its determinants. 2. Get the overview of Indian and World agriculture regions and systems. 3. Have sound knowledge of agriculture revolutions and food security

Syllabus पाठ्यक्रम	
Unit 1 :	<p>Agricultural Geography: Definition, Nature, Scope and Development of Agricultural Geography. Approaches to the study in Agricultural geography. Origin and Evolution of Agriculture: Major Gene-Centres, Development and Spread of Agricultural Technology.</p> <p>कृषि भूगोल: कृषि भूगोल की परिभाषा, प्रकृति, विषय वस्तु एवं विकास। कृषि भूगोल के अध्ययन के उपागम. कृषि की उत्पत्ति एवं विकास: प्रमुख जीन-केंद्र, कृषीय तकनीक का प्रसार एवं विकास ।</p>
Unit 2 :	<p>Factors affecting agriculture: Physical, Social-Economic and Technical Factors. Agricultural systems of the world. Critical review of classification of agricultural types of Whittlesy. Detailed study of intensive subsistence, commercial grain farming and tropical plantation agriculture.</p> <p>कृषि को प्रभावित करने वाले कारक: भौतिक, सामाजिक-आर्थिक एवं तकनीकी कारक । विश्व की कृषि व्यवस्थाएँ। व्हिट्लसी के कृषि प्रकारों के वर्गीकरण की आलोचनात्मक समीक्षा। गहन जीवन-निर्वाह कृषि, अनाज की व्यापारिक कृषि और उष्णकटिबंधीय रोपण कृषि का विस्तृत अध्ययन।</p>
Unit 3 :	<p>Land use classification; land use pattern in India; and land capability classification. Von Thunen's agricultural model of agricultural land use. Diffusion model.</p> <p>भूमि उपयोग वर्गीकरण : भारत में भूमि उपयोग प्रारूप, और भूमि क्षमता वर्गीकरण। वॉनथुनेन का कृषि भूमि उपयोग का कृषि मॉडल। प्रसरण-सिद्धांत/मॉडल.</p>
Unit 4 :	<p>Concept and techniques of delimitation of agricultural regions; agricultural regions of India and their characteristics . Measures of agricultural productivity and efficiency levels. Cropping pattern, Crop concentration, Crop diversification, Crop combination methods: Weaver's, Doi's and Rafiullah's methods and their applications. Agricultural typology: concept and methodology.</p> <p>कृषि प्रदेशों के निर्धारण की अवधारणा एवं तकनीकें, भारत के कृषि प्रदेश और उनकी विशेषताएँ। कृषि उत्पादकता एवं दक्षता स्तर के माप। फसली-प्रारूप फसल संकेन्द्रण क्रिया, फसल-वैविध्यकरण, फसल संयोजन विधियाँ: वीवर, दोई एवं रफीउल्लाह की विधियाँ और उनके अनुप्रयोग। कृषि प्रकारिकी: अवधारणा और कार्यप्रणाली/विधितंत्र।</p>
Unit 5:	<p>Sustainable Development of Agriculture. Green Revolution and White Revolutions: components, impact and consequences. Specific problems in Indian agriculture and their management and planning . Agro-Climatic Regions of Rajasthan. Agricultural Policy of India.</p> <p>कृषि का सतत विकास। हरित क्रांति एवं श्वेत क्रांति: घटक, प्रभाव एवं परिणाम। भारतीय कृषि की विशिष्ट समस्याएँ एवं उनका प्रबंधन और योजना। राजस्थान के कृषि-जलवायु प्रदेश। भारत की कृषि नीति.</p>

	Suggested Readings सहायक ग्रंथ / सामग्री
Text Books	<ul style="list-style-type: none"> • Husain Majid, Agricultural Geography, Rawat Publications, New Delhi. • Singh, Jasbir and S. S. Dhillon, Agricultural Geography, Tata McGraw Hill Publishing Company Ltd., New Delhi • Alka Gautam, Agricultural Geography, Sharda Pustak Bhawan, Allahabad. • माजिद हुसैन, कृषि भूगोल, रावत पब्लिकेशन्स, जयपुर। • प्रमीला कुमार एवं श्रीकमल शर्मा, कृषि भूगोल, मध्यप्रदेश हिन्दी ग्रन्थ अकादमी, भोपाल। • वी.एल.शर्मा, कृषि भूगोल, साहित्य भवन पब्लिकेशन, आगरा। • चतर्भुज मामोरिया, कृषि भूगोल, एसबीडीपी पब्लिकेशन्स, आगरा। • अलका गौतम, कृषि भूगोल, शारदा पुस्तक भवन, इलाहाबाद।
References Books	<ul style="list-style-type: none"> • Brown, L. R., The Changing World Food Prospects: The Nineties and Beyond, World Watch Institute, Washington D. C., 1990 • Coppock, J. K. , An Agricultural Atlas of England and Wales, Faber and Haber, London • George, H. F., Geography of Agriculture: Themes in Research, Prentice Hall, New York • 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 • Kostrowicki, J., World Types of Agriculture, Warsaw, Poland • Morgan, W. B. R. and J. C. Norton, Agricultural Geography, Methuen, London, • Sauer, Carl O., Agricultural Origin and Dispersals, M. I. T. Press, Massachusetts, 1969 • Shafi, Mohammed, Agricultural Geography, Dorling Kindersley (India), Delhi, 2006
Suggested E- Resources	<ul style="list-style-type: none"> • https://www.fao.org/home/en • https://icar.org.in/ • https://www.wto.org/ • https://unstats.un.org • https://www.indiastat.com/ • https://data.worldbank.org/ • www.who.int/ageing • https://censusindia.gov.in/ • https://ncert.nic.in/ • https://agricoop.gov.in/ • https://www.india.gov.in/website-ministry-agriculture-farmers-welfare