

II. MAJOR COURSE- MJ 13:**AGRICULTURAL GEOGRAPHY**

Marks: 25 (5 Attd. + 20 SIE: 1Hr) + 75 (ESE: 3Hrs) = 100

Pass Marks: Th (SIE + ESE) = 40

(Credits: Theory-04) **60 Hours****Course Objective**

The Learning objective of this course are as follows-

1. To familiarize student about the nature, scope, significance and approaches of agriculture geography.
2. To make students learn about the determinants of agricultural land use, new trends in Indian Agriculture, food security

Course Learning Outcomes:

After the completion of course, the students will have ability to:

1. Conceptualize the agriculture and its determinants.
2. Get the overview of Indian agriculture regions and systems.
3. Have sound knowledge of agriculture revolutions and food security

Course Content:**Unit 1-** Nature and scope, Significance and development of agricultural geography, Approaches to the study of agricultural geography, Origin and dispersal of agriculture, Sources of agricultural data.**Unit 2-** Determinants of agricultural land use – Physical, economic, social and technological, Land holding and land tenure systems, Land reforms**Unit 3-** Land use policy and planning, Cropping pattern, Intensity of cropping.**Unit 4-** Theories of agricultural location based on several multi-dimensional factors, Von Thunen's model and its recent modifications, Whittlesey's classification of agricultural regions, Agro-climatic regions of India.**Unit 5-** Agriculture in India – Land use and shifting cropping pattern, New trends in Indian agriculture, Green Revolution, White Revolution, Blue Revolution, Problems of Indian agriculture, Agricultural Policy of India, Food security**References:**

1. Mohammad Shafi (2006): Agricultural Geography, Dorling Kindessley (India) Pv. Ltd. New Delhi.
2. Negi. B.S. (2003) Indian Agriculture: problems, Progress & Prospects, Vikas publishing house Pvt. Ltd. S. Ansari Road, Daryagani, New Delhi-2.
3. Majid Hussain (2000): Agricultural Geography, Ed Anmol Publishing Pvt. Ltd. Ansari Road, Daryagani, New Delhi-2.
4. Shafi M. (1999): Agricultural Geography, Kedarnath Ram Nath, 132, College road, Meetat UP-1.
5. Singh & Dhillon (2000): Agriculture Geography, Prayag Pustak Bhavan, 20 A, University road, Allahabad-211002, UP.
6. Jasbir singh (2001): Agriculture geography, Prayog Pustak Bhavan, 20 A, University road, Allahabad-211002, UP.
7. Memonia CB (1998): Aricultural Problems in India: Prayog Pustak Bhavan, 20 A, University road, Allahabad-211002, UP.
8. Majid Husain (2007): Systematic Agricultural Geography, Rawat publications, Jawahar Nagar, Jaipur, N. Delhi-92.
9. Tiwari, R.C., & Singh, B.N. (2015): Krishi Bhugol, Prawalika Publications, Allahabad