**CURRICULUM PLAN 2025-26**

**Department of Geography**

**Semester – V Course- BA (P.)**

**Name of the Teacher: Dr. Pradeep Kumar Upadhyay**

**Paper Name– Agricultural Geography and Food Security**

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| **Unit No.** | **Name of Topic** | **Allocation of Lectures** | **Month wise schedule followed by the Department** | **Tutorial/Assignment/ Presentation etc.** |
| **1** | **Concept of Agricultural Geography** | **8 lectures** | **1 August, 2025 – 23****August, 2025** | * Nature, Scope
* Concepts and Classification of landuse- landcover
* NRSA twenty-two fold Classification
 |
| **2** | **Geographical Factors affecting Agriculture** | **8 lectures** | **29****August, 2025 – 6****September, 2025** | * Physical Factors
* Economic Factors
* Technological Factors
* Institutional Factors
* Socio-cultural Factors
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| **3** | **Models, Theories and Regionalization** | **11 lectures** | **12 September, 2025 –****4 October, 2025** | * Whittlesey’s classification of Agricultural regions
* Agro-ecological regions of India
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| **4** | **Agricultural Development** | **11 lectures** | **10 October, 2025- 08****November, 2025** | * Concept and relevance of Sustainable Agriculture
* Modern Agricultural Practices
* (Green Revolution,

Organic farming, Precision Agriculture: role of Remote Sensing and GIS modelling, role of Artificial Intelligence) |
| **5** | **Food Security** | **6 lectures** | **14 November, 2025 –****22 November, 2025** | * Concept and dimensions
* Food security in India: Challenges
* Programmes and Policy
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**E-Resources**

<https://gacbe.ac.in/pdf/ematerial/18MGE32C-U1.pdf> <https://pangeography.com/whittleseys-agricultural-regions-of-the-world/> <https://www.smsfoundation.org/role-of-modern-technology-in-agriculture/> <https://sageuniversity.edu.in/blogs/use-of-modern-technology-in-agriculture> <https://mospi.gov.in/46-twenty-two-fold-classification-land-use> <https://geography-revision.co.uk/gcse/agriculture/factors-affecting-agriculture/>

<https://edukemy.com/blog/factors-affecting-the-agriculture-upsc-world-geography-notes/> <https://pangeography.com/agroecological-zones-of-india/> <https://pangeography.com/whittleseys-agricultural-regions-of-the-world/>

<https://www.yourarticlelibrary.com/geography/whittleseys-classification-of-agricultural-regions/42221> <https://www.ucsusa.org/resources/what-sustainable-agriculture>

<https://nmsa.dac.gov.in/>

<https://www.worldbank.org/en/topic/agriculture/brief/food-security-update/what-is-food-security> <https://www.fao.org/fileadmin/templates/faoitaly/documents/pdf/pdf_Food_Security_Cocept_Note.pdf>