

Academic Council

Item No: _____

Devrukh Shikshan Prasarak Mandal's

NYA. TATYASAHEB ATHALYE ARTS, VED. S.R. SAPRE COMMERCE &

VID. DADASAHEB PITRE SCIENCE COLLEGE, DEVRUKH

[AN AUTONOMOUS COLLEGE AFFILIATED TO UNIVERSITY OF MUMBAI]



Syllabus for Second Year Bachelor of Arts

Program: S. Y. B. A.

Course: Geography (Paper-II)

Course Code: UAGEO42

Semester IV

Course Title: Agricultural Geography of India

Credit Based Semester and Grading System

w. e. f. Academic Year 2020-2021

Second Year of Bachelor of Arts
Revised Syllabus under Autonomy

Semester	Paper Code	Paper	Lectures /Practicals	Evaluation Weightage			Credits
				External	Internal	Total	
Semester III	UAGEO31	Geography Paper-I Introduction to Climatology	45	70	30	100	03
	UAGEO32	Geography Paper-II Physical Geography of India	45	70	30	100	03
Semester IV	UAGEO41	Geography Paper-I Introduction to Oceanography	45	70	30	100	03
	UAGEO42	Geography Paper-II Agricultural Geography of India	45	70	30	100	03

**Syllabus for Second Year of Bachelor of Arts Programme in the subject of Geography
(With effect from the academic year 2020-2021)**

SEMESTER-IV

Geography Paper-II: Agricultural Geography of India

COURSE CODE: UAGEO42

Credits - 03

Learning Objectives

The main objectives of the course are as given below.

- The course aims to shed light on the changing nature and scope of the agricultural geography, approaches to the study of agricultural geography and the importance of agriculture in the Indian economy.
- The course goals to develop a scientific approach among the students.
- The course aims to instill basic statistical skills and its application in agricultural geography.

Course Content

Unit-I: Introduction to Agricultural Geography		10
1.1	Definition, nature and scope of agricultural geography	lecture
1.2	Approaches: regional approach, systematic approach, commodity approach, recent approaches	
1.3	Importance of agriculture in Indian economy	
1.4	Factors influencing agriculture in India	
1.5	India a agro-product exporting country	
1.6	Recent trends in Agriculture and Agricultural Geography	
Unit-II: Introduction to Indian Agriculture		10
2.1	Salient features of Indian agriculture	Lectures
2.2	Types of farming in India	
2.3	Major crops of India	
2.4	Agro- climatic regions of India	
2.5	Problems associated with Indian agriculture (Natural, Socio- Economic and Political)	
2.6	Remedial Measures to Solve Indian Agricultural Problems	
Unit-III: Green Revolution in India		10
3.1	Introduction of Green Revolution in India	Lectures
3.2	Components of Green Revolution	
3.3	Positive impacts of Green Revolution	
3.4	Negative impacts of Green Revolution	
3.5	Need for sustainable agriculture in India	
3.6	Agriculture in drought prone region and watershed management	
Unit-IV: Practical Component		15
5.1	Use of Data in Geography and Significance of Statistical Methods in Geography	Lectures
5.2	Sources of Data, Scales of Measurement (Nominal, Ordinal, Interval, Ratio).	
5.3	Tabulation and Descriptive Statistics: Frequencies	
5.4	Measures Central Tendency (Mean, Median, and Mode)	
5.5	Drawing of Statistical Diagrams and Graphs: Simple line graphs and multiple lines	
5.6	Drawing of Statistical Diagrams and Graphs: simple bar, compound bar, and band graph	

Practical Record: A journal comprising one exercise each needs to be completed by the student.

Learning Outcomes

On completion of the course the student should have the following learning outcomes defined in terms of knowledge, skills, and general competence:

Knowledge

The student will know of:

- Changing nature and scope of Agricultural Geography and the Role of Agriculture in Indian Economy;
- The distributional pattern of major crops and agro-climatic regions in India.
- Impacts of Green Revolution in India;

Skills

Student can:

- Apply statistical techniques in the analysis of Agricultural data.
- can depict the agricultural data using various statistical diagrams.

General competence

The student will be able to solve the problems related to agriculture asked for a competitive examination on the component of agriculture. It also can estimate average agricultural production for a given crop in the locality.

Required Previous Knowledge

For the study of the theoretical component of the course, any previous knowledge is not required but for the practical component, the basic knowledge of mathematics/ statistics is required.

Access to the Course

The course is available for all the students admitting for Bachelor of Arts and selected Geography as an optional subject and cleared the lower examination or eligible for the admission in the class as per the rules and regulations.

Forms of Assessment

The assessment will be external as well as internal. **The pattern of external and internal assessment will be 70:30.** The question paper pattern will be as given below.

External evaluation (70 Marks)

Question Paper Pattern

Time: 2.5 hours

Question No.	Unit/s	Question Pattern	Marks
Q.1	All	a) Fill in the Blanks- 10 marks b) Match the following- 04 marks	14
Q.2	Unit-1	Attempt any two questions from the followings a) b) c)	14
Q.3	Unit-2	Attempt any two questions from the followings a) b)	14
Q.4	Unit-3	Attempt any two questions from the followings a) b)	14
Q. 5	Unit-4	Attempt any two from the following a) b) c) d)	14
Total			70

Internal evaluation (30 Marks)

Sr. No.	Description	Marks
1	Test (Preferably Online Test with One Hour Duration- MCQ, Match the following, True or False, etc.) (30 marks will be converted into 10)	10
2	Practical Record File as mentioned in unit IV	10
3	Overall Conductance	10
Total		30

Grading Scale

The grading scale used is O to F. Grade O is the highest passing grade in the grading scale, grade F is a fail. The Board of Examinations of the college reserves the right to change the grading scale.

Reference books:-

1. Bansil, B. C. (1975): 'Agricultural Problems of India', Delhi.
2. Bayliss Smith, T.P. (1987): The Ecology of Agricultural Systems. Cambridge University Press, London.
3. Berry, B.J.L. et. al. (1976): The Geography of Economic Systems. Prentice-Hall, New York.
4. Gregor, H.P.: Geography of Agriculture. Prentice-Hall, New York, 1970.
5. Grigg, D. (1984): 'An Introduction to Agricultural Geography', Hutchinson Publication, London
6. Grigg, D.B.(1974): The Agricultural Systems of the World. Cambridge University Press, New York.
7. Hartshorn, T.N., and Alexander, J.W. (1988): Economic Geography. Prentice-Hall, New Delhi.
8. Morgan W.B. and Norton, R.J.C. (1971): Agricultural Geography. Methuen, London
9. Morgan, W. B., and Munton, R. J. C. (1977): 'Agricultural Geography' Methuen, London.
10. Morgan, W.B.(1978): Agriculture in the Third World - A Spatial Analysis. Westview Press, Boulde.
11. Sauer, C. O. (1952): 'Agricultural Origins and Dispersals', American Geographical Journal
12. Sauer, C.O.(1969): Agricultural Origins and Dispersals. M.I.T. Press, Mass, U.S.A.
13. Singh J.(1997): Agricultural Development in South Asia: A Comparative A Study in the Green Revolution Experiences, national Books Organization, New Delhi.
14. Singh, J. and Dhillon, S. S. (1984): 'Agricultural Geography', McGraw Hill, New Delhi.
15. Singh, J. and Dhillon, S.S. (1988), "Agricultural Geography", 2nd edition, Tata McGraw-Hill, NewDelhi
16. Symons, L. (1972): 'Agricultural Geography', Bell and Sons, London
17. Tarrant, J.R.(1974): Agricultural Geography, Problems in Modern Geography Series, John Wiley and Sons.
18. The Hindu (2006): Survey of Indian Agriculture 2006. New Delhi.
19. Wigley, G.(1981), Tropical Agriculture: The Development of Production, 4th edition, Arnold, London