Shri Acharyaratna Deshbhooshan Shikshan Prasarak Mandal, Kolhapur

Mahavir Mahavidyalaya, Kolhapur (Autonomous)

Affiliated to Shivaji University, Kolhapur

New Syllabus For

Bachelor of Arts [B.A. in Geography]

UNDER

Faculty of Science and Technology

B. A. Part- II (Semester- III)

STRUCTURE AND SYLLABUS IN ACCORDANCE WITH

NATIONAL EDUCATION POLICY – 2020

HAVING CHOICE BASED CREDIT SYSTEM (CBCS)

WITH MULTIPLE ENTRY AND MULTIPLE EXIT OPTIONS (MEME)

(TO BE IMPLEMENTED FROM ACADEMIC YEAR 2024-25 ONWARDS)

Subject to the revisions & modifications made from time to time

Mahavir Mahavidyalaya, Kolhapur (Autonomous)
Affiliated to Shivaji University, Kolhapur
(New syllabus under Autonomy to be introduced from June, 2024 onwards)

A) Primary Information:			
Programme	**Bachelor of Commerce CBCS**		
Part	**II**	Semester	**III**
Course	**Geography**	Course Code	
Paper No.	**III**	Course Type	**Semester**
Total Marks	**50 Marks**	Implementation	**2024 - 25**
Total Credits	**04**	Contact Hours	**04 / Week**
Course Title	PHYSICAL GEOGRAPHY OF MAHARASHTRA		

B) Course Objectives:	
i)	To appraise the students with salient features of the Maharashtra State.
ii)	To familiarize the students with the climatic characteristics of the State.
iii)	To make the students aware about cartographic Techniques.

C) Course Syllabi:

(CR = Credits / IH: Instructional Hours)

Modules	CR	IH
Module-I Physiographic Divisions of Maharashtra	**1**	**15**
1.1 Location (Absolute And Relative)		
1.2 Administrative Divisions of Maharashtra		

1.3 Physical Divisions Of Maharashtra
      a) Konkan Coast
      b) Sahyadri (*Paschim Ghat*)
      c) Maharashtra Plateau (Deccan)		

1.4 Major Drainage Systems:
 	
    a) Western River Systems (Tapi, Narmada &
      Konkan Rivers)
    b) Eastern River Systems (Godavari, Krishna)		

MODULE-III CLIMATE OF MAHARASHTRA	01	15
2.1 Temperature Distribution		
2.2 Rainfall Distribution		
2.3 Drought Prone Area of Maharashtra		
2.4 Flood Affected Area of Maharashtra		
MODULE-II SOIL AND VEGETATION		
3.1 Major soil types, characteristics and its distribution in Maharashtra	1	15
3.2 Soil degradation and soil conservation in Maharashtra		
3.3 Major forest types: characteristics and their distribution		
3.4 Deforestation and conservation of forests in Maharashtra		
Module-IV Practical	1	15
4.1 Line graph		
4.2 Bar graph		
4.3 Divided Circle		
4.4 Divided rectangle		

D) Reference Materials	
D1) Text Books for Reading	
1.	Reference Books:-
2.	Chandna, R. C., (2002). Environmental Geography. Kalyani Publishers, Ludhiana.
3	Cunningham, W. P., and Cunningham, M. A., (2004). Principals of Environmental Science: Inquiry and Applications, Tata McGraw-Hill, New Delhi.
4	Gautam, A., (2007). Environmental Geography, Sharda Pustak Bhawan Allahabad 4. Gholap, T.N., (2000). Environment Science, Nishikant Publication, Pune (Marathi).
5	Goudie, A., (2001). The Nature of the Environment. Blackwell, Oxford.
6	Huggett, R.J., (1998). Fundamental of Biogeography. Routledge, London.
7	Kormondy, E. J., (2012). Concepts of Ecology. PHI Learning Pvt. Ltd., New Delhi.
8	Miller, G. T., (2004). Environmental Science: Working with the Earth, 5th edition, Thomson/ Brooks Cole, Singapore.
9	Odum, E. P., (2006). Fundamentals of Ecology, 6th edition, Cengage Learning India.
10	Saxena, H.M., (2017). Environmental Geography. 3rd edition, Rawat Publication, Jaipur.
11	Sharma, P.D., (2015). Ecology and Environment. Rastogi Publications, Meerut.
12	Singh, R.B., (2009). Biogeography and Biodiversity. Rawat Publication, Jaipur.
13	Singh, R.B., (1998). Ecological Techniques and Approaches to Vulnerable Environment. Oxford & IBH Pub, New Delhi.
14	Singh, S., (1997). Environmental Geography. Prayag Pustak Bhawan. Allahabad. CBCS: 2020-21 S.Y.B.S

E) Suggested methods of Teaching:	
i)	Lecture
ii)	Practical

F) Course Outcomes:	Blooms Taxonomy
CO1	Student understand the silent features of Maharashtra state	
CO2	Student aware about cartographic techniques	

G) Scheme of Course Evaluation		
1.	End Semester Examination (ESE)	40
2.	Continuous Internal Evaluation (CIE)	10
3.	**Total Marks**	**50**

H) Suggested techniques for Continuous Internal Evaluation (10 Marks)		
1.	Assignment	10
	Total Marks	**10**

I) Question Paper Pattern (40 Marks)		
Q. No.	**Nature / Type of Question**	**Marks**
1.	A) Multiple Choice Questions (5X1)	5
2.	Write short note (any 3 out of 5)	15

3.	A) Long/broad question
	           Or (10)
	A) Long/broad question
	B) Long/broad question
	           Or (10)
	B) Long/broad question
		20

	Total Marks	**40**

|| शीलं परं भूषणम् ||

Shri Acharyaratna Deshbhooshan Shikshan Prasarak Mandal, Kolhapur

Mahavir Mahavidyalaya, Kolhapur (Autonomous)

Affiliated to Shivaji University, Kolhapur

Syllabus for Choice Based Credit System (CBCS)
Bachelor of Arts Programme

Programme	Bachelor of Arts
Part	II
Semester	III
Course Code	
Course Name	Geography
Course Title	Resource Geography and Sustainable Development
Paper No.	IV

Under the Faculty of Arts

(To be introduced from Academic Year 2024 – 25 onwards)
Subject to the revisions & modifications made from time to time

Mahavir Mahavidyalaya, Kolhapur (Autonomous)
Affiliated to Shivaji University, Kolhapur
(New syllabus under Autonomy to be introduced from June, 2024 onwards)

A) Primary Information:

Programme	Bachelor of Arts CBCS		
Part	**II**	Semester	**III**
Course	**B.A.**	Course Code	
Paper No.	**IV**	Course Type	**Semester**
Total Marks	**100 Marks**	Implementation	**2024 - 25**
Total Credits	**04**	Contact Hours	**04 / Week**
Course Title	Resource Geography and Sustainable Development		

B) Course Objectives:

i)	To understand the concept and classification of Resources.
ii)	To examine the major resources (water, forest, energy and human) with their distribution, utilization and problems.
iii)	To study the sustainable resource development.
iv)	The course also aims to familiarize the students with cartographic techniques.

C) Course Syllabi:

(CR = Credits / IH: Instructional Hours)

Modules	CR	IH
Module I Basics of Resource Geography		
1.1 Definition and Scope of Resource Geography	01	15
1.2 Resource: Concept and Classification		
1.3 Importance of the Study of Resource Geography		
Module II: Major Resources: Distribution, Utilization and Problems		
2.1 Water Resource	01	15
2.2 Forest Resource		
2.3 Energy Resource		

2.4 Human Resource		
Module III: Sustainable Resource Development		
3.1 Concept of Sustainable Resource Development		
3.2 Sustainable Development of Natural Resource: Water, Forest and Energy	01	15
3.3 Sustainable Development as Human Resource		
Module IV: Practical (Theory Only)		
4.1 **Human Development Index: Indicators**		
4.2 Solar Pants: Design, Function and Use	01	15
4.3 Wind Plants: Design, Function and Use		
4.4 Geo-Thermal Energy Plants : Design, Function and Use		

D) Reference Materials	
D1) Text Books for Reading	
	गुरव डी.यु., गुरव. एस.एन. (२०१९) : ' साधनसंपत्ती भूगोल 'निराली प्रकाशन' पुणे
D2) Books for Reference	
1.	Cutter S. N., Renwich H. L., and Renwick W., (1991): Exploitation, Coservation, Preservation: A Geographical Perspective on Natural Resources Use, John Wiley and Sons, New York.
2.	Gadgil M. and Guha R., (2005): The use and Abuse of Nature: Incorporating This Fissured Land: An Ecological History of India and Ecology and Equity, Oxford University Press, USA.
3.	Holechek J. L. C., Richard A., Fisher J. T. and Valdez R., (2003): Natural Resources: Ecology, Economics and Policy, Prentice Hall, New Jersey.
4	Jones G. and Hollier G., (1997): Resources, Society and Environmental Management, Paul Chapman, London.
5	Klee G., (1991): Conservation of Natural Resources, Prentice Hall, Englewood.

6	Mather A. S. and Chapman K., (1995): Environmental Resources, John Wiley and Sons, New York.
7	Mitchell B., (1997): Resource and Environmental Management, Longman Harlow, England..
8	Owen S. and Owen P. L., (1991): Environment, Resources and Conservation, Cambridge University Press, New York.
9	Rees J., (1990) Natural Resources: Allocation, Economics and Policy, Routledge, London.
10	Zrlu Senyucel, Managing the Human Resource in the 21st Century.
11	George W., B., and Scolt, (2013): Principles of Human Resource Management, Cengage.
12	Chiras, D.D., Reganold, J.P. 2009. Natural Resource Conservation: Management for a Sustainable Future, 10th ed, Pearson
13	Gregory, D., Johnston, R., Pratt, G., Watts, M., Whatmore, S. (Eds) 2009. The Dictionary of Human Geography, 5th ed, Wiley.
14	Mather, A.S., Chapman, K. 1995. Environmental Resources, John Wiley and Sons.

E) Suggested methods of Teaching:	
i)	Lecture
ii)	Study Visit

F) Course Outcomes:		Blooms Taxonomy
CO1	Understand the relationship between Man and Resources	
CO2	Student can Categories different types of Resources	
CO3	Justify the importance of resources	
CO4	Familiarise students with cartographic techniques	

G) Scheme of Course Evaluation		
1.	End Semester Examination (ESE)	40
2.	Continuous Internal Evaluation (CIE)	10
3.	**Total Marks**	**50**

H) Suggested techniques for Continuous Internal Evaluation (10 Marks)		
1.	Field visit	10
2.		
3.		

4.		
5.	Total Marks	10

I) Question Paper Pattern (40 Marks)		
Q. No.	**Nature / Type of Question**	**Marks**
1.	**Multiple Choice Questions (5X1)**	**05**
2.	**Write short note (any 3 out of 5) (3X5)**	**15**
3.	**A) Long/broad question (10)** **Or** **Long/broad question (10)** **B) Long/broad question (10)** **Or** **Long/broad question (10)**	**20**
	Total Marks	40

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Shri AcharyaratnaDeshbhooshanShikshanPrasarak Mandal, Kolhapur

Mahavir Mahavidyalaya, Kolhapur (Autonomous)

Affiliated to Shivaji University, Kolhapur

New Syllabus For

Bachelor of Arts [B.A. in Geography]

UNDER

Faculty of Science and Technology

B. A. Part- II (Semester- III)

STRUCTURE AND SYLLABUS IN ACCORDANCE WITH

NATIONAL EDUCATION POLICY – 2020

HAVING CHOICE BASED CREDIT SYSTEM (CBCS)

WITH MULTIPLE ENTRY AND MULTIPLE EXIT OPTIONS (MEME)

(TO BE IMPLEMENTED FROM ACADEMIC YEAR 2024-25 ONWARDS)

Subject to the revisions& modifications made from time to time

Mahavir Mahavidyalaya, Kolhapur (Autonomous)
Affiliated to Shivaji University, Kolhapur
(New syllabus under Autonomy to be introduced from June, 2024 onwards)

A) Primary Information:			
Programme	**Bachelor of Commerce CBCS**		
Part	**II**	Semester	**IV**
Course	**Geography**	Course Code	
Paper No.	**V**	Course Type	**Semester**
Total Marks	**50 Marks**	Implementation	**2024 - 25**
Total Credits	**04**	Contact Hours	**04 / Week**
Course Title	ECONOMIC GEOGRAPHY OF MAHARASHTRA		

B) Course Objectives:	
i)	To acquaint the students with the Natural resources in Maharashtra State.
ii)	To familiarize the students with the agricultural pattern, problems and prospects in the state.
iii)	To study and understand the industrial sector, spatial distribution, development and problems faced within the state.

C) Course Syllabi:

(CR = Credits / IH: Instructional Hours)

Modules	CR	IH
Module-I Minerals		
1.1 Mineral Resources: Distribution and Production of Iron Ore, Bauxite and Manganese. 1.2 Power Resources; Distribution and Production of Coal, Mineral Oil, Natural Gas. 1.3 Non Conventional Resources: Solar and Wind. 1.4 Sustainable development of resources	**1**	**15**
Module II Agriculture		
2.1 Major agricultural systems in Maharashtra	1	15
2.2 Major food Crops: Rice, Jawar, Bajara, Wheat,		
2.3Major cash Crops: Sugarcane, Cotton, oil seeds and Tea.		
2.4 Problems of Agriculture in the Context of Globalization.		
MODULE-III INDUSTRIES		
3.1 Classification of industries.		
3.2Agro Based Industries: Location Factors, Distribution, production and Trade of Sugar and Cotton Industries.	1	15
3.3 Mineral based industries: Location Factors, Distribution, and Production and Trade of Iron and Steel andAluminum Industries.		
3.4 Automobile Industries.		
3.5 Tourism Industries		
Module-IV Practical (Only theory)		
4.1 Traffic flow		
4.2 Dot Map		
4.3 Choropleth map		
4.4 Scatter Diagram		

Sr.No.	Reference Books
1	Arunachalam B., (1967), Maharashtra – A study in Physical and Regional Setting, Sheth and Co., Mumbai.

2	Bhamare, S.M., (2013). Geography of Maharashtra, Prashant Publication, Jalgaon.
3	Census Report – 2011, Government of India.
4	Deshpande, C. D.,(1971). Geography of Maharashtra. National Book Trust, New Delhi.
5	Diddee, J., et al. (2002). Geography of Maharashtra, Rawat Publication, Jaipur.
6	Dixit, K.R., (1986). Maharashtra in Maps. Maharashtra State Board for Literature and Culture Mantralaya, Bombay (Mumbai).
7	Government of India: The Gazetteer of India,-1965. Vol. I & II, Publication Division, New Delhi.
8	Hange, A.K., and Waghmare, H.S.(2018). Geography of Maharashtra. Kailas Publications, Aurangabad. (Marathi)
9	Majid Hussain (2014): Geography of India, McGraw Hill Education (India) Private education, New Delhi.
10	Memoria, C. B.,(1986). Geography of India, Shivlal Agrawal & Co., Agra.
11	Negi, B. S. (1998). Economic and Commercial Geography of India, Kedarnath Ramnath Publications, New Delhi.
12	Savadi, A.B., (2020). The Mega State -Maharashtra. Nirali Prakashan, Pune.
13	Sharma, T.C., and Coutihno O. (1998). Economic and Commercial Geography of India. Vikas Publishing House, India.
14	Tirtha, R. (2002): Geography of India, Rawat Publication, Jaipur.

E) Suggested methods of Teaching:	
i)	Lecture
ii)	Practical

F) Course Outcomes:	Blooms Taxonomy
CO1	
CO2	

G) Scheme of Course Evaluation		
1.	End Semester Examination (ESE)	40
2.	Continuous Internal Evaluation (CIE)	10
3.	**Total Marks**	**50**

H) Suggested techniques for Continuous Internal Evaluation (10 Marks)		
1.	Assignments	10
	Total Marks	**10**

I) Question Paper Pattern (40 Marks)		
Q. No.	**Nature / Type of Question**	**Marks**
1.	A) Multiple Choice Questions (5X1)	5
2.	Write short note (any 3 out of 5)	15

3.	A) Long/broad question
	              Or (10)
	A) Long/broad question
	
	B) Long/broad question
	              Or (10)
	B) Long/broad question
		20

	Total Marks	**40**

|| शीलं परं भूषणम् ||

Shri Acharyaratna Deshbhooshan Shikshan Prasarak Mandal, Kolhapur

Mahavir Mahavidyalaya, Kolhapur (Autonomous)

Affiliated to Shivaji University, Kolhapur

Syllabus for Choice Based Credit System (CBCS) Bachelor of Arts Programme

Programme	Bachelor of Arts
Part	II
Semester	IV
Course Code	DSC E VI
Course Name	Geography
Course Title	Agriculture Geography
Paper No.	VI

Under the Faculty of Arts

(To be introduced from Academic Year 2024 – 25 onwards)
Subject to the revisions & modifications made from time to time

Mahavir Mahavidyalaya, Kolhapur (Autonomous)
Affiliated to Shivaji University, Kolhapur
(New syllabus under Autonomy to be introduced from June, 2024 onwards)

A) Primary Information:

Programme	**Bachelor of Arts CBCS**		
Part	**II**	Semester	**IV**
Course	**B.A.**	Course Code	
Paper No.	**VI**	Course Type	**Semester**
Total Marks	**100 Marks**	Implementation	**2024 - 25**
Total Credits	**04**	Contact Hours	**04 / Week**
Course Title	**Agriculture Geography**		

B) Course Objectives:

i)	To understand the concept and development of Agriculture.
ii)	To examine the role of agricultural determinants towards the Changing cropping pattern.
iii)	The course also aims to familiarize the students with the Agricultural Concepts and modern technologies used in agriculture.
iv)	To understand the methods of representation of data.

C) Course Syllabi:
(CR = Credits / IH: Instructional Hours)

Modules	CR	IH
Module-1 Basics of Agriculture Geography		
1.1 Definition, Nature and Scope of Agricultural Geography	01	15
1.2 Approaches to the Study of Agricultural Geography		
1.3 Determinants of Agriculture: Physical and Human		
1.4 Agricultural Geography: Significance of Study		
Module II Agriculture Systems and Land-use Theory	01	15
2.1 Agricultural Systems: Nomadic Herding, Livestock Ranching, Sifting Cultivation, Intensive Subsistence Farming, Commercial Farming and Horticulture.		

2.2 Von Thunen's Theory of Agricultural Land Use			
Module III Agriculture: Regionalization, Problems and Modern Concept		01	15
3.1	Methods of Agricultural Regionalization: Crop Combination and Crop Diversification		
3.2	Agricultural Problems: Physical and Non-Physical (Economic, Social, Cultural, Political and Administrative)		
3.3	**Modern Concepts:** i) Vertical Farming ii) Urban Terrace Farming iii) Sustainable Agriculture		
Module IV: Practical (Theory Only)		01	15
4.1	Climograph		
4.2	Hythergraph		
4.3	**Soil Health Report**		
4.3	**Agricultural Land Record**		

D) Reference Materials	
D1) Text Books for Reading	
१	फुले सुरेश (२००२) कृषी भूगोल , श्री. विद्याभारती प्रकाशन, लातूर
२	साळुंखे विजया (२००३): " कृषी भूगोल" शेठप्रकाशन मंबई
३	घारपुरे विठ्ठल (२०००) " कृषी भूगोल" पिंपळापुरे अणड कंपनी पब्लिशर्स,नागपूर
४	खतिब के.ए. (२००२) " कृषी भूगोल" संजोग प्रकाशन ,कोल्हापूर
D2) Books for Reference	
1.	Bayliss Smith, T.P. : The Ecology of Agricultural Systems. Cambridge University Press, London, 1987
2.	Berry, B.J.L. et. al. : The Geography of Economic Systems. Prentice Hall, New York, 1976
3.	Brown, L.R. : The Changing World Food Prospects – The Nineties and Beyond. World Watch Institute, Washington D.C., 1990
4	Cantor L.M. : A World Geography of Irrigation. Oliver and Bord,

	London, 1967.
5	Desai G.N. and Vaidhanathan A : <u>Strategic Issues in Future Growth of Fertilizer Use in India</u>. McMillan Pub., New Delhi, 1998.
6	Gregor, H.P. : <u>Geography of Agriculture</u>. Prentice Hall, New York, 1970
7	Grigg D.B. : <u>The Agricultural Systems of the World</u>. Cambridge University Press, New York, 1974.
8	Morgan W.B. and Norton, R.J.C. : <u>Agricultural Geography</u>. Mathuen, London, 1971.
9	Nelson, Paul : <u>Greenhouse Operation and Management</u>. Reston Publishing, Virginia, 1985.
10	Sarkar, A.K. : <u>Practical Geography : A Systematic Approach</u>. Oriental Longman, Calcutta, 1997.
11	Sauer, C.O. : <u>Agricultural Origins and Disparities</u>. M.I.T. Press, Mass, U.S.A., 1969.
12	Singh, J and Dhillon, S.S. : <u>Agricultural Geography</u>. Tata McGraw Hill Pub., New Delhi, 1988.

E) Suggested methods of Teaching:	
i)	Lecture
ii)	Study Visit

F) Course Outcomes:		**Blooms Taxonomy**
CO1	Student understand the basics of Agriculture Geography	
CO2	Understand the theory of Landuse	
CO3	Application of modern agricultural system	
CO4	Identify the agricultural regionalization and agricultural problems	
CO5	Student familiarize with the methods of data presentation	

G) Scheme of Course Evaluation		
1.	End Semester Examination (ESE)	40

2.	Continuous Internal Evaluation (CIE)	10
3.	**Total Marks**	**50**

H) Suggested techniques for Continuous Internal Evaluation (10 Marks)		
1.	Soil analysis Report	10
5.	**Total Marks**	**10**

I) Question Paper Pattern (40 Marks)		
Q. No.	**Nature / Type of Question**	**Marks**
1.	**Multiple Choice Questions (5X1)**	05
2.	**Write short note (any 3 out of 5) (3X5)**	15
3.	**A) Long/broad question (10)** **Or** **Long/broad question (10)** **B) Long/broad question (10)** **Or** **Long/broad question (10)**	**20**
	Total Marks	**40**

Shri AcharyaratnaDeshbhooshanShikshanPrasarak Mandal, Kolhapur

Mahavir Mahavidyalaya, Kolhapur (Autonomous)

Affiliated to Shivaji University, Kolhapur

New Syllabus For

Bachelor of Arts [B.A. in Geography]

UNDER

Faculty of Science and Technology

B. A. Part- I (Semester- I)

STRUCTURE AND SYLLABUS IN ACCORDANCE WITH

NATIONAL EDUCATION POLICY – 2020

HAVING CHOICE BASED CREDIT SYSTEM (CBCS)

WITH MULTIPLE ENTRY AND MULTIPLE EXIT OPTIONS (MEME)

(TO BE IMPLEMENTED FROM ACADEMIC YEAR 2024-25 ONWARDS)

Subject to the revisions& modifications made from time to time

Mahavir Mahavidyalaya, Kolhapur (Autonomous)
Affiliated to Shivaji University, Kolhapur
(New syllabus under Autonomy to be introduced from June, 2024 onwards)

A) Primary Information:

Programme	Bachelor of Commerce CBCS (NEP 2.0)		
Part	**II**	Semester	**III**
Course	**Geography**	Course Code	**SEC-IV**
Paper No.		Course Type	**Semester**
Total Marks	**25 Marks**	Implementation	**2024 - 25**
Total Credits	**02**	Contact Hours	**02/Week**
Course Title	**Computer Application in Geography**		

B) Course Objectives:

i)	The objective of this course is to introduce Computer.
ii)	To enhance ability to use computer for data representation.

C) Course Syllabi:
(CR = Credits / IH: Instructional Hours)

Modules	CR	IH
Module I : Introduction to Computer		
1.1.HISTORY AND MEANING OF COMPUTER		
1.2.CLASSIFICATION OF COMPUTER	01	15
1.3.INPUT AND OUTPUT DEVICES		
1.4.CHARACTERISTICS OF COMPUTER		
Module II : Data Representation		
2.1 CONSTRUCT LINE GRAPH		
2.2 CONSTRUCT BAR GRAPH	01	15
2.3 CONSTRUCT PIE-CHART		
2.4 CONSTRUCT SCATTER DIAGRAM		

D) Reference Materials	
D1) Text Books for Reading	
1.	Beth Geiger (2007), "How Do We Use Water?" Natl Geographics School Pub Inc
2.	Dona Herweck Rice(2014) " Water Bodies"
3	Savindra singh(2019) "Oceanography" Pravalika Publication Allahbad
4	सवदी,कोळेकर आधुनिक भूगोल,निराली प्रकाशन पुणे .

E) Suggested methods of Teaching:	
i)	Lecture
ii)	Practical

F) Course Outcomes:		Blooms Taxonomy
CO1	**Students are enable to understand the system and function of computer**	
CO2	**Students are able to prepare graphical data representation with the help of computer**	

G) Scheme of Course Evaluation		
1.	End Semester Examination (ESE)	20
2.	Continuous Internal Evaluation (CIE)	5
3.	**Total Marks**	**25**

H) Suggested techniques for Continuous Internal Evaluation (10 Marks)		
1.	Assignment	5
	Total Marks	**5**

I) Question Paper Pattern (40 Marks)		
Q. No.	**Nature / Type of Question**	**Marks**
1.	Multiple Choice Questions (20X1)	20
	Total Marks	**20**

Shri AcharyaratnaDeshbhooshanShikshanPrasarak Mandal, Kolhapur

Mahavir Mahavidyalaya, Kolhapur (Autonomous)

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New Syllabus For

Bachelor of Arts [B.A. in Geography]

UNDER

Faculty of Science and Technology

B. A. Part- I (Semester- I)

STRUCTURE AND SYLLABUS IN ACCORDANCE WITH

NATIONAL EDUCATION POLICY – 2020

HAVING CHOICE BASED CREDIT SYSTEM (CBCS)

WITH MULTIPLE ENTRY AND MULTIPLE EXIT OPTIONS (MEME)

(TO BE IMPLEMENTED FROM ACADEMIC YEAR 2024-25 ONWARDS)

Subject to the revisions& modifications made from time to time

Mahavir Mahavidyalaya, Kolhapur (Autonomous)
Affiliated to Shivaji University, Kolhapur
(New syllabus under Autonomy to be introduced from June, 2024 onwards)

A) Primary Information:			
Programme	**Bachelor of Arts CBCS (NEP-2.0)**		
Part	**II**	Semester	**IV**
Course	**Geography**	Course Code	**SEC-VI**
Paper No.		Course Type	**Semester**
Total Marks	**25 Marks**	Implementation	**2024 - 25**
Total Credits	**02**	Contact Hours	**02 / Week**
Course Title	**Computer Application in Geography-II**		

B) Course Objectives:	
i)	The objective of this course is to introduce Computer.
ii)	To enhance ability to use computer for data representation.

C) Course Syllabi:
(CR = Credits / IH: Instructional Hours)

Modules	CR	IH
Module I : Computer application		
1.1 DATA COLLECTION	01	15
1.2 WEATHER FORECAST		
1.3. GOOGLE EARTH		
1.4 GIS AND REMOTE SENSING		
Module II : Statistical Techniques in Excel		

2.1 CENTRAL TENDENCY FOR INDIVIDUAL, GROUPED AND UNGROUPED
     2.1.1 MEAN
     2.1.2 MEDIAN
     2.2.3 MODE
	01	15

2.2 STANDARD DEVIATION		
2.3 CORRELATION		

D) Reference Materials	
D1) Text Books for Reading	
1.	Beth Geiger (2007), "How Do We Use Water?" Natl Geographics School Pub Inc
2.	Dona Herweck Rice(2014) " Water Bodies"
3	Savindra singh(2019) "Oceanography" Pravalika Publication Allahbad
4	सवदी,कोळेकर आधुनिक भूगोल,निराली प्रकाशन पुणे .

E) Suggested methods of Teaching:	
i)	Lecture
ii)	Practical

F) Course Outcomes:		Blooms Taxonomy
CO1	**Students are enable to understand the system and function of computer**	
CO2	**Students are able to prepare graphical data representation with the help of computer**	

G) Scheme of Course Evaluation		
1.	End Semester Examination (ESE)	20
2.	Continuous Internal Evaluation (CIE)	05
3.	**Total Marks**	**25**

H) Suggested techniques for Continuous Internal Evaluation (10 Marks)		
1.	Assignment	05
	Total Marks	**05**

I) Question Paper Pattern (40 Marks)		
Q. No.	Nature / Type of Question	Marks
1.	Multiple Choice Questions (20X1)	20