



Tuljaram Chaturchand College, Baramati

Autonomous College

Three years degree programme in Geography

(Faculty of Science and Technology)

Revised Syllabus for

F.Y.B.A. Geography

For Tuljaram Chaturchand College, Baramati

Choice Based Credit System Syllabus

To be implemented from Academic Year 2022-2023

Tuljaram Chaturchand College, Baramati

Autonomous College

Board of Studies in Geography

From 2022-23 To 2024-25

Sr. No.	Name	Designation
1.	Dr. Asaram S. Jadhav	Chairman
2.	Dr. Arun S. Magar	Member
3.	Mr. Vinayak D. Chavan	Member
4.	Ms. Nayan D. Zagade	Member
5.	Ms Aarti M. Borade	Member
6.	Dr. Santosh Lagad	Vice-Chancellor Nominee
7.	Dr. Pravin Kokane	Expert from other University
8.	Dr. T. P. Shinde	Expert from other University
9.	Dr. Babaji Maskare	Industry Expert
10.	Mr. Ganesh Ghanawat	Meritorious Alumni
11.	Rutika Shinde	Student
12.	Saniya Shaikh	Student

B.A. PROGRAMME CREDIT DISTRIBUTION PATTERN

Class	Semester	Core Course	Elective Course			Ability Enhancement Compulsory Courses (AECC)		Total Credit
			Discipline Specific Elective	Dissertation Project	Generic Elective Course	Ability Enhancement Compulsory Courses	Skill Enhancement Courses	
FYBA	I	4 papers 4 x 3 = 12 Credits	-	-		Comp.English 3 Credits Mar/Hin/Sanskrit = 3 Credits		18
	II	4 papers 4 x 3 = 12 Credits	-	-	Democracy 2 Credit Phy.Edu. 2 Credit	Comp.English 3 Credits Mar/Hin/Sanskrit = 3 Credits		22
SYBA	III	3 papers 3 x 3= 9 Credits	2 Special papers 2 x 3= 6 Credits	-	Certificate Course Not Related to subject 2 Credit	Comp.English 3 Credits	Special papers 1 x 2= 2 Credits	22
	IV	3 papers 3 x 3= 9 Credits	2 Special papers 2 x 3= 6 Credits	-	-	Comp.English 3 Credits Env.Sci. 2 Credit	Special papers 1 x 2= 2 Credits	22
TYBA	V	3 papers 3 x 3= 9 Credits	2 Special papers 2 x 3= 6 Credits Certificate Course Related to subject 2 Credit	-	-	Comp.English 3 Credits	Special papers 1 x 2= 2 Credits	22
	VI	3 papers 3 x 3= 9 Credits	2 Special papers 2 x 3= 6 Credits	1 Project related to subject 2 Credit	-	Comp.English 3 Credits	Special papers 1 x 2= 2 Credits	22
		60	26	2	6	26	8	128

Mandatory 10 additional / add on credits for Undergraduate Programmes

Note:

1. 15 credits from Group-1 are compulsory

2. Choose minimum 4 credits from Group-2 to Group-7

Group-1	(a)	Physical Education (at F.Y.B.A. Sem. I)	02 credits
	(b)	Democracy Course (FYBA Sem. II)	02 credit
	(c)	Environmental Awareness (S.Y.B.A. Sem. III& IV)	04 Credit
	(d)	Skill Based Paper related to subject (S.Y. B.A. Sem. III)	03 credit
	(e)	Certificate Course Not Related to Subject (S.Y. B.A. Sem. III)	02 Credit
	(f)	Certificate Course Not Related to Subject (T.Y. B.A. Sem. III)	02 Credits
Group-2	(a)	Representation in Sports at University Level	02 credits
	(b)	Representation in Sports at State Level / National level	02 credits
	(c)	Representation in Sports at International (overseas) Level	04 credits
Group-3	(a)	National Social Service Scheme (participation in college camp)	02 credits
	(b)	National Social Service Scheme (participation in university camp)	02 credits
	(c)	NCC (participation in annual camp)	02 credits
	(d)	NCC (with B certificate/ C certificate award)	02 credits
	(e)	NSS / NCC participation in Republic day parade	04 credits
Group-4	(a)	Selection in AVISHKAR at University Level	02 credits
Group-5	(a)	Research paper publication at National level	02 credits
	(b)	Research paper publication at International (overseas) level	02 credits
Group-6	(a)	Participation in Summer School/ Internship programme / Short term course (not less than 2 weeks duration)	02 credits
Group-7	(a)	Participation in cultural and co-curricular activities/ extracurricular activities/competitions at University level / State Level	02 credit
	(b)	Participation in cultural and co-curricular activities / extracurricular activities/ competitions at International (overseas) level	02 credits

Note : 1) One Credit = 15/16 Lectures.

2) The Project should be initiated at on the onset of V Semester and submitted during VI Semester.

3) FY/SY/TY --> 4 Lectures per week.

4) Theory paper be covered with 70% actual teaching (3 actual lectures per week) and 30% component (1 lecture per week) of self-study should be further evaluated through Group discussion / Seminar / Open Book Test / MCQ / Essay writing / Assignment etc.

Choice Based Credit System Syllabus**To be implemented from Academic Year 2022-2023****GEOGRAPHY**

Class	Semester	Paper Code	Subject
FYBA	I	UAGG111	Physical Geography
	II	UAGG121	Human Geography
SYBA	III	UAGG231	Economic Geography
		UAGG232	Population Geography
		UAGG233	Map Scale and Map Projection
	IV	UAGG241	Geography of Maharashtra
		UAGG242	Settlement Geography
		UAGG243	Cartographic Techniques and Surveying
TYBA	V	UAGG351	Disaster Management-I
		UAGG352	Geography of India - I
		UAGG353	Map Reading
	VI	UAGG361	Disaster Management-II
		UAGG362	Geography of India – II
		UAGG363	Statistical Techniques

F.Y.B.A. Geography, Syllabus for Semester I

Subject: Physical Geography

Subject Code: UAGG111

No. of Credits: 03

Learning Objectives:

1. This paper intends to acquaint the students with various dimensions of Physical Geography, and its challenges.
2. To acquaint the students with the utility and application of Physical Geography in different regions and environment.
3. To make the students aware of the need of protection and conservation of different landforms, Climate and Hydrology.

Learning Outcomes:

After the completion of the course, Students will be able to understand the current issues in Physical geography. Specifically Physical geography focused on Lithosphere, Fluvial Cycle, Atmosphere, and Hydrosphere.

Topics and Learning points

<p>Unit – 1: Basic concepts in physical geography</p> <p>1.1 Definition and branches of geography</p> <p>1.2 Concepts of universe and solar system</p> <p>1.3 Geological time scale</p> <p>1.4 latitude, longitude, time and directions</p> <p>1.5 Eclipses, phases of moon and tides</p> <p>1.6 Rotation and revolution of earth and its effects</p> <p>1.7 Spheres of the Earth</p>	<p>Lectures</p> <p>14</p>
<p>Unit – 2: Lithosphere</p> <p>2.1 Meaning and concepts of Geomorphology</p> <p>2.2 Interior of the earth</p> <p>2.3 Wegener’s continental drift theory</p> <p>2.4 Plate tectonic theory</p> <p>2.5 Weathering: Types and agents</p>	<p>12</p>
<p>Unit – 3: Atmosphere</p> <p>3.1 Structure and Composition of the atmosphere</p> <p>3.2 Heat and Temperature- Distribution, Controlling factors</p> <p>3.3 Pressure and wind belts, Factors affecting pressure and wind</p> <p>3.4 Types of Precipitation- Orographic, Convectional and Frontal</p> <p>3.5 Cyclone – definition, process and its types</p>	<p>12</p>
<p>Unit – 4: Hydrosphere</p> <p>4.1 Hydrological cycle</p> <p>4.2 General structure of ocean floor</p> <p>4.3 Waves, tides and ocean currents- types</p> <p>4.4 El-Nino, La-Nina, ENSO</p> <p>4.5 Monsoon (Orion and Mechanism)</p> <p>4.6 Study tour and Field observation</p>	<p>10</p>

Reference Books & Websites:

- 1) Clyton K., (1986), Earth Crust, Adus Book , London.
- 2) Davis W. M., (1909), Geographical Essay, Ginnia Co.
- 3) Dayal P., (1996), Text Book of Geomorphology, Shukla Book Depot, Patna.
- 4) Kale V.S. and Gupta A., (2015), Introduction of Geomorphology, University Press, PVT Kolkata.
- 5) Lal, D. S.(1998): 'Climatology', Chaitanya Publishing House,Allahabad
- 6) Kale V.S. and Gupta A., (2001), Elements of Geomorphology, Oxford Univ. Press.
Monkhouse, (1951), Principle of Physical Geography, McGraw Hill Pub – New York.
- 6) Pitty A. F., (1974), Introduction to Geomorphology, Methuen London.
- 7) Singh Savindra, (2000), Physical Geography,PrayagPustakBhavan, 20-A, University Road, Allahabad – 211002.
- 8) Steers J. A., (1964), The Unstable Earth Some Recent Views in Geography, Kalyani Publishers, New Delhi.
- 9) Wooldridge S. W. and Morgan R. S., (1959), The Physical Basis of Geography and Outline of Geomorphology, Longman Green and Co. London.
- 10) Chaudhari J. L (2013) Physical Geography