



**KARNATAKA STATE AKKAHADEVI
WOMEN UNIVERSITY, VIJAYAPURA**

**DEPARTMENT OF
GEOGRAPHY**



**Curriculum structure for I and II Semester
in Geography as one of the Majors as per
latest GoK order**



**KARNATAKA STATE AKKAHADEVI
WOMEN UNIVERSITY, VIJAYAPURA**

DEPARTMENT OF GEOGRAPHY

BOARD OF STUDIES (UG):

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Prof. Shantadevi

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Approved in BOS in Geography (UG) dated 12-06-2024

Karnataka Sate Akkamahadevi Women's University, Vijayapura

Syllabus for B.A. & B.Sc. of Geography (SEP)

With effect from 2024-25 onwards.

Rules & Regulations

Introduction: Introduction of the semester for undergraduate studies is a welcome a decision by the authorities taking into consideration the present-day needs and necessities. The non object of the system is to know the modern development and its relevance in day-to-day life of the people .An effort is made to know in details about the subject and structure of course keeps the teacher and the taught busy throughout the semester. It helps the students to prepare well for the examination, as there are two semesters in academic year.

Geography B.A/ B.Sc. Semester

To be eligible to offer 'GEOGRAPHY' as one of the optional subjects U.G level, a student must complete pre-university or equivalent course.

Scheme of instruction

- I. The subject 'GEOGRAPHY' for this scheme has to be taught by a master degree holder in geography only
- II. Each theory paper will have a minimum of '60' hours of teaching each practical paper will have a minimum of '40' hours of teaching in each semester course.
- III. The duration of each semester being '18' weeks excluding Examinations Period.
- IV. Practical's are to be conducted in batches. Each batch consists of '15' student with one teacher, and between '16-27' students with two teachers. In case, if student are below '15' is also considered as one batch with one teacher.
- V. Each batch (depends on the number of students) must be supervised by one teachers covering instructions supervision of practical's and correction of records.

ATTENDENCE: In each semester 75% of attendance is compulsory.

SCHEME OF EXAMINATIONS

Theory Examination:

1. The Theory course shall carry '100' Marks of which '80' Marks are added for the theory examination and '20' Marks for internal assessment.
2. The examination will be conducted at the end of each semester
3. Each theory course will have a question paper of '3' hours duration and the maximum marks of '80'
4. Each theory question paper should have A, B & C Sections consisting of 2, 5 & 10 Marks respectively. In section "A" 10 questions must be attempted out of 12 questions .In section "B" 6 questions must be attempted out of 8 questions & in section "C", 3 questions must be attempted.

Practical Examination:

1. Each practical course will have an examination of '4' hours duration with maximum marks of '50' of which '40' marks are allotted for the practical examination and '10' marks for internal assessment by conducting an examination in practical taught up to that period.
2. The practical examination is to be conducted in batches with not more than '15' candidates per batch.
3. There will be one internal examiner one external examiner to conduct the practical examination for each batch. -
4. Scientific calculators and mobile phones are not allowed in the examination
5. Minimum marks to pass in each paper both theory and a practical is 40%
6. Each candidate shall complete the laboratory course prescribed by the University entering all the experiments/exercises in the Laboratory Journal which shall be produced at the time of practical examination along with a certificate signed both by the course teacher and the Head of the Department of Geography of the concerned college to the effect that he/she has completed the prescribed course in a satisfactory manner.

SEMESTER- I

Course No	Title of the Course	No of Credits	Teaching Hours/ Per week	Formative Assessment	Summative assessment	Total marks
1	Introduction to Physical Geography	04	04	20	80	100
2	Scales and Maps- Practical	02	04	10	40	50
Total		06	08	30	120	150

SEMESTER- II

Course No	Title of the Course	No of Credits	Teaching Hours/ Per week	Formative Assessment	Summative assessment	Total marks
1	Climatology and Oceanography	04	04	20	80	100
2	Interpretation of Weather Maps and Instruments- Practical	02	04	10	40	50
Total		06	08	30	120	150

FIRST SEMESTER

Program Name	BA Geography		Semester	I
Course Title	INTRODUCTION TO PHYSICAL GEOGRAPHY - Theory			
Course Code:	Geo1	No. of Credits		04
Contact hours	60	Duration of SEA/Exam		3 Hours
Formative Assessment Marks	20	Summative Assessment Marks		80
Course Outcomes:				
<ol style="list-style-type: none"> 1. After the completion of this course, students should be able to: 2. Define the field of Geomorphology and to explain the essential principles of it. 3. To outline the mechanism of dynamic nature of the Earth's surface and interior of the Earth. 4. To illustrate and explain the forces affecting the crust of the earth and its effect on it. 5. To understand the conceptual and dynamic aspects of landform development 				
Contents				Hrs
Unit I: Introduction to Geography Meaning, Nature, scope and Content of Physical Geography				15 Hours
Unit 2: Origin of the Earth Nebular Hypothesis of Kant and Laplace. Tidal Hypothesis of Jeans and Jeffreys.				15 Hours
Unit 3: Interior of the Earth Origin of Continents and Ocean Basins- Wegener Theory of Continental Drift, Theory of Isostasy				15 Hours
Unit 4: Earth Movements Diastrophism, Folding and faulting, Earthquakes and Volcanoes, Rocks, Weathering				15 Hours
Unit 5: Agents of denudation: Works of Running water, Underground water, Wind, Glacier and resultant landforms.				15 Hours
Further Readings				
<ol style="list-style-type: none"> 1. G.T.Triwartha: Elements of Physical Geography 2. Wooldridge and Morgan: Physical Basis of Geography 3. Singh, Savindra Physical Geography. 4. S.S.Nanjannaver and M.N.Meeranaik: Text Book of Physical Geography 5. S.S.Nanjannavar :Prakratika Bhogola 6. M.B.Goudar: Prakratika Bhogola 				

FIRST SEMESTER

Program Name	BA Geography	Semester	I
Course Title	SCALES AND MAPAS - Practical		
Course Code:	Geo 2	No. of Credits	02
Contact hours	60	Duration of SEA/Exam	4 Hours
Formative Assessment Marks	10	Summative Assessment Marks	40
Course Outcomes (COs):			
<ol style="list-style-type: none"> 1. To Find out Methods of Scale and Maps 2. To understand the Methods of Enlargement and Reduction of maps 3. To study the importance of Scale and Maps 			
Contents			Hrs
Unit I Scales: <ol style="list-style-type: none"> 1.1 Definition and Types 1.2 Conversion of scale (15 Exercises) <ol style="list-style-type: none"> A. Representative Fraction to Verbal Scale B. Verbal Scale into Representative Fraction 1.3 Construction of the Scales (Each 2 Exercises) <ol style="list-style-type: none"> A. Plain/ Statement and Comparative Scale B. Time and Pace Scale 1.4 Importance of Scales 			4 Hrs Weekly
Unit II Maps (Each 2 Exercises) <ol style="list-style-type: none"> 1.1 Definition and Types and uses of Maps 1.2 Methods of Enlargement and Reduction of maps by graphical Methods 			4 Hrs Weekly
Unit III Journal and Viva- Voce			
Further Readings			
<ol style="list-style-type: none"> 1. R.L. Singh : Elements of Practical Geography 2. R.P.Misra and A. Ramesh : Fundamental of Cartography 3. Gopal Singh: Practical Geography 4. Ranganath : Practical Geography 5. S.S.Najannavar and M.F.Karennavar Practical Geography 			

Course Articulation Matrix: Mapping of Course Outcomes (COs) with Program Outcomes (POs1-15)

Course Outcomes (COs)/ Program Outcomes (POs)	Program Outcomes (POs)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Pedagogy: Lecturing & tutorials, using ICT wherever necessary.

Formative Assessment for Theory	
Assessment Occasion/type	Marks
Session test (Two Tests Should be conducted)	10
Seminar/Group discussion	-
Assignment/Field work/Minor project	10
Total	20

Formative Assessment for Practical	
Assessment Occasion/type	Marks
Session Test	-
Practical record	10
Assignment	-
Total	10

SECOND SEMESTER

Program Name	BA Geography	Semester	II
Course Title	CLIMATOLOGY AND OCEANOGRAPHY - Theory		
Course Code:	Geo 3	No. of Credits	04
Contact hours	60	Duration of SEA/Exam	3 Hours
Formative Assessment Marks	20	Summative Assessment Marks	80
After the completion of this course, students should be able to			
<ol style="list-style-type: none"> 1. Define the field of climatology and to understand the atmospheric composition and structure. 2. To outline the mechanism and process of solar radiation transfer to earth surface 3. To illustrate and explain the air pressure system, wind regulating forces and the formation of the Atmospheric Disturbance. 4. To understand and compute the air humidity as well as to explain the process of Condensation and formation of precipitation and its types. 			
CONTENTS			Hrs
Unit – 1 Composition and Structure of the Atmosphere: Nature and Scope of Climatology, Origin and structure of the Atmosphere: Troposphere, Stratosphere, Mesosphere, Ionosphere, Exosphere and their characteristics. Composition of the atmosphere: Weather and Climate			15 Hours
Unit – 2 Temperatures: Isolation: Temperature: meaning and Influencing Factors on the Distribution of Temperature Distribution of the temperature: Vertical, Horizontal, and Inversion of temperature.			15 Hours
Unit – 3 Atmospheric Pressure and Winds: Atmospheric Pressure: Influencing factors on atmospheric pressure. Vertical and Horizontal Distribution of the atmospheric, pressure, and Pressure Belts, Pressure Gradient. Winds: influencing factors, Types - planetary, seasonal, local wind Variable winds Cyclones and anti-cyclones.			15 Hours
Unit – 4 Reliefs of the Ocean Basin Surface configuration Temperature, Density and salinity			15 Hours
Unit – 5 Currents of Ocean basin Pacific, Atlantic and Indian Ocean, Tides and Ocean Deposits			15 Hours
Further Readings			
<ol style="list-style-type: none"> 1. G.T.Triwartha: Elements of Physical Geography 2. Wooldridge and Morgan: Physical Basis of Geography 3. Singh, Savindra Physical Geography. 4. S.S.Nanjannaver and M.N.Meeranaik.: Text Book of Physical Geography 5. S.S.Nanjannavar :Prakratika Bhogola 6. M.B.Goudar: Prakratika Bhogola 			

SECOND SEMESTER

Program Name	BA Geography	Semester	II
Course Title	INTERPRETATION OF WEATHER MAPS AND INSTRUMENTS - Practical		
Course Code:	Geo 4	No. of Credits	02
Contact hours	60	Duration of SEA/Exam	4 Hours
Formative Assessment Marks	10	Summative Assessment Marks	40
<ol style="list-style-type: none"> 1. To understand the Weather Maps, Signs and Symbols 2. To interpret the Interpretation of Indian Weather Maps based on the elements 3. To introduce various dimensions of climatology like structure and composition. 4. To understand the global atmospheric pressure, temperature, and wind system. 5. To study the concept of atmospheric moisture and its types 			
Contents			Hrs
Unit I Structure and Functions of Indian Metrological Department (IMD)			4 Hrs Weekly
Unit II Weather Instruments <ol style="list-style-type: none"> 1. Thermometer 2. Barometer 3. Wind Vane 4. Cup Anemometer 5. Rain Gauge 			4 Hrs Weekly
Unit III Weather Symbols			4 Hrs Weekly
Unit IV Interpretation of Indian Daily Weather Reports			
Unit V Journal and Viva- Voce			
Further Readings			
<ol style="list-style-type: none"> 1. R.L. Singh : Elements of Practical Geography 2. R.P.Misra and A. Ramesh : Fundamental of Cartography 3. Gopal Singh: Practical Geography 4. Ranganath : Practical Geography 5. S.S.Najannavar and M.F.Karennavar Practical Geography 			

Course Articulation Matrix: Mapping of Course Outcomes (COs) with Program Outcomes (POs1-15)

Course Outcomes (COs)/ Program Outcomes (POs)	Program Outcomes (POs)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Pedagogy: Lecturing & tutorials, using ICT wherever necessary.

Formative Assessment for Theory	
Assessment Occasion/type	Marks
Session test (Two tests should be conducted)	10
Seminar/Group discussion	10
Assignment/Field work/Minor project	-
Total	20

Formative Assessment for Practical	
Assessment Occasion/type	Marks
Session Test	-
Practical record	10
Assignment	-
Total	10