B.A. - V Semester
Geography
(w.e.f 2018-19 and Onwards)
SYLLABUS
Paper I: - Environmental Geography

Teaching hours per week: 5 Hours

Maximum Marks	: 100 Marks
Semester End Examination	: 70 Marks
Internal Assessment	: 30 Marks

At the end of this course students will be able to:
1. Understand the concept of environment and components of environment.
2. Know the nature of environment and recognize the ecosystem.
3. Appreciate the concept of Biomes and identify the major Terrestrial and aquatic Biomes of the world.
4. Understand changing of man and environmental relationship.
5. Evaluate the major environmental issues caused by man's activities and their threat to the living beings.

Units	Sub unit	Hrs
1.	**Introduction** a. Definition, Scope, Nature and content of Environmental Geography. b. Man and Environmental Interactions	10 Hrs
2.	**Elements of Environment** a. Biotic and A biotic Elements of Ecosystem b. Structure & Functions of Ecosystem c. Energy flow in the Ecosystem	10 Hrs
3.	**Biodiversity** a. Biodiversity: Importance, Levels and Hotspots b. Endangered and Endemic Species of India c. Major Biomes of the World (Equatorial Tundra, Temperate and Tropical)	10 Hrs
4.	**Environmental Degradation** a. Impact of Man's activities on environment b. Land, Water and Air Pollution c. Deforestation and its Consequences	10 Hrs
5.	**Environmental Conservation** a. Conservation of Soil, Water and **Forest** b. Environmental Education c. Environmental Laws and Policies in India with reference to Soil, Water and Forest.	10 Hrs

Suggested Readings:

1. Asha B. N: Environment Studies
2. Dr. L. T. Nayak (Kannada): Environmental Geography
3. Dr. J. P. Sharma: Environmental Studies
4. M. B. Goudar (Kannada): Parisar Bhogal Shastri
5. Savindra Singh: Environmental Geography
6. Saxena H. M.: Environmental Geogrophy
7. Smith R. L.: Man and THe Environment

B.A. - V Semester
Geography
(w.e.f 2018-19 and Onwards)
SYLLABUS
Paper II : - Geography of Settlements
(w.e.f 2018-19 and Onwards)

Teaching hours per week: 5 Hours

Maximum Marks	: 100 Marks
Semester End Examination	: 70 Marks
Internal Assessment	: 30 Marks

At the end of this course students will be able to:

1. Understand urban and rural settlements.

2. Gain the knowledge of Urban Land use models and their applicability to our Urban Centers.

3. Understand the Migration pattern of the Country and reasons behind the Migration.

4. Understand the importance of appropriate government programs and policies to be implemented timely to control the Migration at national level.

5. Understand the characteristics of Slums and need for their clearance.

Units	Sub unit	Hrs
1.	**Introduction** a. Nature and Scope of Rural and Urban Geography b. Factors influencing settlement patterns and its types	10 Hrs
2.	**Hierarchy of Settlements** a. Hierarchy of Settlements b. Urban Land use Models: Sector, Multiple nuclei and Concentric.	10 Hrs
3.	**Migration** a. Migration and its types. b. Impact of rural migration on Agriculture c. Government Policies and Programs to control the rural migration.	10 Hrs
4.	**Urbanization** a. Process of Urbanization and its Stages b. Trend of Urbanization Karnataka and India	10 Hrs
5.	**Urban Issues** a. Characteristic of Slums, Problems and its Clearance b. Case study of Slums in Belagavi City. c. Solid waste disposal and management.	10 Hrs

Suggested Readings:

1. Dickinson R. E: City and Region
2. H. D. Clout: Rural Geography – An Introductory Survey
3. H. Carter: The Study of Urban Geography
4. Johnson S. H: Urban geography – An Introduction analysis
5. R. B. Mandal: Introduction to Rural settlements
6. R. B. Mandal: Urban Geography
7. R. L. Singh: Rural Settlements in Monsoon Asia
8. Prof, S S Nanjannavar(Kannada): Settlement Geography.

K.L.E. Society's
LINGARAJ COLLEGE, BELAGAVI
(AUTONOMOUS)
B.A. - V Semester
Geography
SYLLABUS
Practical
Paper - I: Map Projections
(w.e.f 2018-19 and Onwards)

Teaching hours per week: 5 Hours

Maximum Marks	: 100 Marks
Semester End Examination	: 70 Marks
Internal Assessment	: 30 Marks

At the end of this course students will be able to:

1. Understand how projection helps to transfer the spherical shape of Earth on plane surface.
2. Gain the basic ideas and characteristics of Cylindrical projection.
3. Understand the importance of Zenithal Projection and its importance in the projection of Polar areas.
4. Understand the different types of Conical Projections and their level of accuracy on different parts of the Earth.

Unit	Map projections properties and uses of the following projections	Hrs
1. 1	1. **Cylindrical Projection** a. Simple Cylindrical Projection. b. Cylindrical Equal Area Projection c. Mercator's Projection.	12 Hrs
1. 2	2. **Zenithal Projections** a. Polar Zenithal Gnomonic Projection. b. Polar Zenithal Stereographic Projection. c. Polar Zenithal Orthographic Projection.	14 Hrs
1. 3	3. **Conical Projection** a. Conical Projection with one std. parallel. b. Conical Projection with two std. parallel. c. Bonne's Projection projection.	14 Hrs
1. 4.	**Journal and Viva voce** Internal Assessment (Test)	

Books for Reference
1. B. S. Negui.: Practical Geography
2. Gopal Singh: Practical geography
3. R. L. Singh.: Elements of practical geography
4. Singh and Kaniyia: Practical Geography

B.A. - V Semester
Geography
SYLLABUS
(w.e.f 2018-19 and Onwards)
Practical Paper: II Aerial Photography and Remote Sensing

Teaching hours per week: 5 Hours

Maximum Marks	**: 100 Marks**
Semester End Examination	**: 70 Marks**
Internal Assessment	**: 30 Marks**

At the end of this course students will be able to:
1. Understand different land farms, forest, transportation and land-use farms.
2. Understand climatical conditions, vegetation, drainage.
3. Develop the skills to handle Pocket and Mirror stereoscopes.
4. Able to interpret the different types of aerial Photographs.

Units	Sub unit	Hrs
I	a. **Introduction: History of Aerial Photography**. b. Types of Areal Photo Graphs c. Element of Photo / Images Interpretation	08 Hrs
II	a. Calculation scale of Photographs (Scale and Height focal length) Each Two Exercise b. Determination of Aerial Photo Scale.	06 Hrs
III	a. Use of Pocket stereoscope, mirror stereoscope each two Exercise.	14 Hrs
IV	a. Interpretation of vertical Areal photographs and satellite Imageries Two exercise	12 Hrs
	Journal and Viva- Voce	

Books for Reference

1. Agarwal C S and Garg P K (2000) : "Remote Sensing" A H Wheeler and Co Ltd New Delhi.

2. Kang Tsung Chang, : Introduction to Geographic Information System.

3. Lillisand T M and Keifer R W (1990) : "Remote sensing and Image interpretation" Jhone Willey and Sons. New York

4. Michacl N Demers : Fundamental of Geography Information Systems.

5. Panda B C Remote Sensing Principals and Application Viva Books private Ltd New Delhi (2005).

LINGARAJ COLLEGE, BELGAUM
(AUTONOMOUS)
B.A. - V Semester
Geography
QUESTION PAPER BLUE PRINT

Unit	Part A 2 marks	Part B 4 Marks	Part C 16 marks	Part D 10 marks
1	2	1	4 questions from 5 units. Not more than One question from each unit.	Case study/Map/ Problem Solving Question/Essay/
2	2	1		
3	2	1		
4	2	1		One question will be set based on the syllabus
5	2	1		
Total questions	10 questions	5 questions	5 questions	2 questions
	Answer any 8 questions out of 10	Answer any 3 questions out of 5	Answer any 2 questions out of 4	Answer any 1 question
	8 X 2 =16	3 x 4 = 12	2 x 16 = 32	1 x 10 = 10

Part A :	Set Two questions from each unit. Answering any 8 questions from 10 questions (8 qns x 2 mks = 16 marks)
Part B :	Set One question from each unit. Answering any 3 questions from 5 questions (3 qns x 4 mks = 12 marks)
Part C :	Set 4 questions from 5 units. Not more than One question from each unit Answering any 2 questions from 4 questions (2 qns x 16 mks = 32 marks)
Part D :	Case study / Map /Problem Solving Question /Essay One question will be set based on the Syllabus The question compulsory. (1qns x 10 mks = 10 marks)