LORETO COLLEGE
SECOND SEMESTER GEOGRAPHY HONOURS
TIME PLAN 2022

Name of the teacher: Dr. Sushma Sahai
Initials: SWS

Teaching Objective:

- To impart comprehensive knowledge of the spatial variation of religious composition
- To prepare students for higher education
- To provide guidance beyond prescribed syllabus

2nd Semester Geography Honours Topic-wise Time Plan
COURSE: 2.6 GEO-A-CC-2-03-P – HUMAN GEOGRAPHY LAB (PRACTICAL)

Topics	*Hours allotted*	*Topics (as per curriculum)*	*Teaching method*	*Learning outcome (output)*	*Assessment*
1	12	1. Spatial variation in continent or country-level religious composition by divided proportional circles	• Lecture method • Discussion/ Interactive method	• Developed the skill to plot proportional circles • Acquired the knowledge of representing spatial variation of religious composition	• Tutorials - Solve past question papers • Viva Voce

LORETO COLLEGE
SECOND SEMESTER GEOGRAPHY HONOURS
TIME PLAN 2022

Name of the teacher: Dr. Sushma Sahai
Initials: SWS

Teaching Objective:

- To impart comprehensive knowledge of the nature and types of weather maps
- Develop the skill to comprehend the differences of weather parameters of different seasons
- To prepare students for higher education
- To provide guidance beyond prescribed syllabus

2nd Semester Geography Honours Topic-wise Time Plan
COURSE: 2.7 GEO-A-CC-4-10-TH–THEMATIC MAPPING AND SURVEYING (THEORY)

Topics	*Hours allotted*	*Topics (as per curriculum)*	*Teaching method*	*Learning outcome (output)*	*Assessment*
1	5	4. Preparation and interpretation of weather maps	• Lecture method • Discussion/ Interactive method • Visual aids	• Comprehend the concept of weather map • Understand to differentiate between weather maps of different seasons	• Tutorial • Home assignments

LORETO COLLEGE
SEMESTER TWO GEOGRAPHY GENERAL TIME PLAN
2022

Name of the teacher: Dr.Sushma Sahai
Initials: SWS

Teaching Objective:

- To impart comprehensive knowledge of the spatial variation of biodiversity
- To impart the skill to prepare a Biodiversity Register
- To prepare students for higher education
- To provide guidance beyond prescribed syllabus

Semester Two Geography General Topic-wise Time Plan
COURSE: 5.4 GEO-G-CC-2-02-P – ENVIRONMENT GEOGRAPHY LAB (PRACTICAL)

Topics	*Hours allotted*	*Topics (as per curriculum)*	*Teaching method*	*Learning outcome (output)*	*Assessment*
1	10	4. Preparation of peoples' biodiversity register	• Learning by doing method • Discussion/ Interactive method	• Developed the skill to identify the diverse flora and fauna in the study area • Acquired the knowledge of representing spatial variation of the diverse species in a Biodiversity Register	• Tutorials • Viva Voce

LORETO COLLEGE
SEMESTER TWO GEOGRAPHY GENERAL TIME PLAN
2022

Name of the teacher: Dr. Sushma Sahai
Initials: SWS

Teaching Objective:

- To impart comprehensive knowledge of subject matter of biogeography
- Develop the skill to comprehend the differences between ecosystem and biomes
- To prepare students for higher education
- To provide guidance beyond prescribed syllabus

Semester Two Geography General Topic-wise Time Plan
COURSE: 5.3 GEO-G-CC-2-02-TH–ENVIRONMENTAL GEOGRAPHY (THEORY)
Unit III: Biogeography

Topics	*Hours allotted*	*Topics (as per curriculum)*	*Teaching method*	*Learning outcome (output)*	*Assessment*
1	6	10. Ecosystem and Biomes. Distribution and characteristics of tropical rainforest; Savannah and hot desert biomes	• Lecture method • Discussion/ Interactive method • Visual aids	• Comprehend the concept of ecosystem • Understand to differentiate between ecosystem and biome	• Tutorial • Paper presentations • Home assignments
	5	11. Plant types, occurrence and ecological adaptations: Halophytes, xerophytes, hydrophytes and mesophytes		• Acquire the knowledge of the ecological adaptations of various plant types	
	4	12. Biodiversity: Types, threats and management with special reference to India		• Understand the concept of biodiversity and its management	

LORETO COLLEGE
GEOGRAPHY TIME PLAN 2022

Name of the teacher: Kaustuva Banerjee
Initials: KB

Teaching Objective:

- Comprehend the concept of surveying and levelling.
- Evaluate the importance of prismatic compass and dumpy level as surveying and levelling instruments.
- Construct different longitudinal profile diagrams and traverse from instrument data.
- Analyse the importance of various national agencies in the preparation of thematic maps.

Geography Semester II (Honours) Topic-wise Time Plan

Topics	***Hours allotted***	***Topics (as per curriculum)***	***Teaching method***	***Learning outcome (output)***	***Assessment***
1. GEO-A-CC-2-04-TH – Thematic Mapping and Surveying	10	Principal national agencies producing thematic maps in India: NATMO, GSI, NBSSLUP, NHO, and NRSC / Bhuvan Basic concepts of surveying and survey equipment: Prismatic compass Basic concepts of surveying and survey equipment: Dumpy level Basic concepts of surveying and survey equipment: Theodolite Basic concepts of surveying and survey equipment: Abney level Basic concepts of surveying and survey equipment: Laser distance measurer	Demonstration Method Lecture Method Stimulus Response Method Discussion Method Interaction Method	1. Comprehend the importance of different national agencies in the preparation of thematic maps. 2. Analyze the concept of surveying and levelling. 3. Evaluate the role of abney level in surveying.	Continuous Internal Assessment Formative Assessment Internal Assessment
2 GEO-A-CC-2-04-P – Thematic Mapping and Surveying Lab	25	Traverse survey using prismatic compass Profile survey using dumpy Level Height determination of base accessible and inaccessible (same vertical plane method) objects by theodolite	Lecture Method Demonstration Method Laboratory Method	1. Differentiate between prismatic compass and dumpy level. 2. Use angular data from theodolite to find out the height and distance of objects.	Continuous Internal Assessment Formative Assessment Viva-voce

LORETO COLLEGE
TIME PLAN 2022

Name of the teacher: Dr. Debasree Sinha
Initials: D.S

Teaching Objective:

- Help students to identify the techniques and methods of representation of geographical data collected during research.
- Facilitate the understanding of various atmospheric processes and climatic phenomena.

2nd Semester Topic-wise Time Plan

Topics	*Hours allotted*	*Topics (as per curriculum)*	*Teaching method*	*Learning outcome (output)*	*Assessment*
1. HONS – Paper GEO-A-CC-2-04-TH – (Theory) Thematic Mapping and Surveying	11	**1.** Concepts of rounding, scientific notation. Logarithm and anti-logarithm. Natural and log scales **2.** Concept of diagrammatic representation of data **5.** Preparation and interpretation land use land cover maps	1. Lecture 2. Power point presentation	Students will be able to: 1. Apply basic mathematical concepts to geographical data. 2. Understand logarithmic and arithmetic scales and their application. 3. Decide which is the best diagram to represent a particular geographical data.	1. Written class assignment
2. GEN – Paper GEO-G-CC-2-02-TH – (Theory) Environmental Geography	25	**1.** Insolation and Heat Budget. Horizontal and vertical distribution of atmospheric temperature and pressure **2.** Overview of planetary wind systems. Indian Monsoons:	1. Lecture 2. Power point presentation	Students will be able to: 1. Explain temperature and atmospheric circulation. 2. Account for the occurrence of monsoon.	1. Written class assignment

		Mechanisms and controls **3.** Atmospheric disturbances: Tropical and temperate cyclones. Thunderstorms **4.** Overview of global climatic change: Greenhouse effect. Ozone depletion **5.** Scheme of world climatic classification by Köppen		3. Explain the occurrence of tropical and temperate storm systems 4. Perceive the impact global climate change 5. Identify world climatic types.	

LORETO COLLEGE
TIME PLAN 2022

Name of the teacher: Sharmila Ray Kumam
Initials: SRK

Teaching Objective:

- To understand the different dimensions of human life on this planet

2nd Semester Topic-wise Time Plan

Topics	***Hours allotted***	***Topics (as per curriculum)***	***Teaching method***	***Learning outcome (output)***	***Assessment***
Unit II Society Demography& Ekistics	4	6. Human adaptation to environment: Eskimo Masai Maori	Lecture PPT	Broaden the horizon of understanding of human diversity and culture	Discussions and comparative analysis
	5	7. Population Growth and Distribution, Composition Demographic Transition	Lecture, Class seminar	A knowledge of the spatial demographic characteristics needed to understand other phenomena	Tutorial
	5	8. Population- resource regions (Ackerman)	Lecture with explanations	Sound comprehension of the reasons for varying types	Presentations
	5	9.Development-environment Conflict	Lecture and review of articles	Widespread world-wide idea of the conflict	Presentations of journal articles review
Unit I Nature and Principles	5	3. Concept and classification of Race	Lecture and PPT	Knowledge about diverse races & their global distribution	Q&A
	4	4. Space, society, & Cultural Regions- language & religion	Lectures and discussions	Comprehension of spatial cultural differences	Tutorial

LORETO COLLEGE
TIME PLAN 2022

Name of the teacher: Sharmila Ray Kumam
Initials: SRK

Teaching Objective:
- To develop a knowledge and analytical skill about population statistics

SEMESTER 2 Topic-wise Time Plan

Topics	***Hours allotted***	***Topics (as per curriculum)***	***Teaching method***	***Learning outcome (output)***	***Assessment***
GEO-A-CC-2-03-P Human Geography Lab	2	Measuring arithmetic growth rate of population comparing two decadal datasets	Example and exercises	Analysis of the growth pattern	Tutorial
2	4	Types of age-sex pyramids- progressive, regressive, intermediate, stationary	Carry out graphical representation and analysis of data	Develop data analysis	Tutorial
3	4	Nearest Neighbour Analysis	Carry out the exercise from the Topo sheet	Quantitative data extraction from map	Conduct Practical exercise in class

LORETO COLLEGE
TIME PLAN 2022

Name of the teacher: Sabiha Sethwala
Initials S.S

Teaching Objectives:

- To describe the purpose of geological maps
- To enable the students to identify geological structures on the map
- To enable them to draw geological cross sections where mineral exploration or vertical cross sections of geological structures are required

SEMESTER 2 Honours Topic-Wise Time Plan

Topics	*Hours allotted*	*Topics (as per curriculum)*	*Teaching method (Online)*	*Learning outcome (output)*	*Assessment*
1. CC 3 TH **Human Geography**	28	UNIT I 1.Nature, scope and recent trends in Human Geography 2. Approaches to Human Geography	Lecture method Project method Problem solving method Use of PPTs	1. Able to distinguish between different types of approaches 2. Able to identify the features that describe a data distribution	Class tests MCQ / objective / Quiz worksheets home assignments exams
2. CC 4 TH **Thematic Mapping**	10	3. Preparation and interpretation of Geological Maps	Lecture method Problem solving method Use of PPTs	1.Able to understand the basics: series, unconformities, dip, strike and intrusions 2.Able to understand the application of geological maps in different fields	Class tests MCQ /Objective/ Quiz worksheets Home assignments Exams
3. CC 4 PR **Thematic Mapping**	10	4. Interpretation of Geological Maps with uniclinal structures, folds, unconformity and intrusions	Lecture method Demonstration method Class discussion method Problem solving method Use of PPTs and videos	1.Students develop skills to identify, unconformities, rock series and intrusions 2.Able to recognise common types of geological structures	Class tests Project- case study Home assignments Exams

				3.To be able to identify and draw the geological structures and interpret.	

LORETO COLLEGE
TIME PLAN 2022

Name of the teacher: Soma Ganguly
Initials: SGY

Teaching Objective:

- Will know about soil geography
- Will know about factors of soil formation, soil profile development under different climatic condition.
- Will know about physical and chemical properties of soil.
- Will know about USDA classification of soil
- Will know about soil erosion and management.

2nd Semester (General) Topic-wise Time Plan
GEO-G- CC-2-02-TH- ENVIRONMENTAL GEOGAPHY

Topics	***Hours allotted***	***Topics (as per curriculum)***	***Teaching method***	***Learning outcome (output)***	***Assessment***
1	4	Factors of soil formation	Explanation	Comprehend factors of soil formation	MCQ
2	4	Soil profile development under different climatic conditions like podsol, laterite and chernozem	Explanation	Understand the concept of soil profile	Presentation
3	4	Physical and chemical properties of soil	Explanation	Understand properties of soil	Presentation
4.	4	USDA soil classification and soil erosion and management	Explanation	Comprehend the USDA classification	MCQ