LORETO COLLEGE
SEMESTER ONE GEOGRAPHY MINOR TIME PLAN
2024

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

Teaching Objective:

- To understand the nature of the atmosphere
- Comprehend the soil forming factors
- Understand plant adaptations
- To impart comprehensive knowledge of the various hazards
- Develop the skill to comprehend the classification and causes of the hazards
- To enable students to understand the complex hazards management issues
- To prepare students for higher education
- To provide guidance beyond prescribed syllabus

Semester One Geography Minor Topic-wise Time Plan
COURSE: GEOG-H-CC-01-TH – PHYSICAL GEOGRAPHY

Topics	*Hours allotted*	*Topics (as per curriculum)*	*Teaching method*	*Learning outcome (output)*	*Assessment*
1.	4	**Unit IV: Climatology** 5. Nature, Composition and layering of the atmosphere	• Lecture method • Discussion/ Interactive method • Visual aids	• Comprehend the concept of vulnerability • Understand the causative factors, consequences and management of earthquakes	• Google forms
2	5	6. Circulation in the atmosphere: Planetary winds, jet streams, index cycle	• Lecture method • Discussion/ Interactive method • Visual aids	• Comprehend the mechanism of landslide • Understand the dynamics of managing landslides	• Tutorial • Quiz
3.	4.	**Unit V: Soil Geography** 7. Factors of soil formation	• Lecture method • Discussion/ Interactive method • Visual aids	• Understand the dynamics of land subsidence • Plan management measures for controlling subsidence	• Home assignments • Viva
4.	4	8. Evolution of an ideal soil profile	• Lecture method • Discussion/	• Equipped to Identify causes of tropical cyclone	• Case study

			Interactive method • Visual aids	• Knowledge of the consequences and management	
5.	5	**Unit VI: Biogeography** 9. Plant adaptation and distribution in relation to water availability	• Lecture method • Discussion/ Interactive method • Visual aids	• Knowledge of various types of plants and their adaptability	• Quiz
6.	5	**Unit VII: Geography of Hazards** 10. Nature and classification of hazards and disasters in Indian context	• Visual aids • Discussion/ Interactive method	• Comprehend the difference between hazard and disaster • Understand the dynamics of various disasters	• Paper presentation

Name of the teacher: Mrs Sabiha Sethwala
Initials: SS

LORETO COLLEGE
SEMESTER 1 (Minor) TIME PLAN (2024)

Teaching Objectives:

- to help students to apply scales on different types of maps
- to enable students relate the exogenous processes to the internal structure
- to facilitate theoretical knowledge of landforms by fluvial processes to field examples.

Topics	*Hours allottd*	*Topics (as per curriculum)*	*Teaching method*	*Learning outcome (output)*	*Assessment*
CC-1/MD- TH **Unit I: Cartography** **Unit -II Geo tectonics** **Unit - III Geomorphology**	**4**	**1.Maps: components and classification.** **2. Map projections: classification,** **3. properties and uses** **1.Seismic waves, types, properties** **2. internal structure of earth** **1.Classification of weathering** **2. Fluvial process** **3. Fluvial landforms**	**Lecture method** **Discussion method** **Enquiry method** **Use of PPT and videos**	• **students acquire knowledge about the structures and the** • **processes operating on the earth's surface and the resultant landforms**	**class tests** **MCQ /Objective worksheets** **puzzles, quiz** **home assignments** **exams**
CC-01/MD- PR **Physical Geography Lab**	**10**	**1.Construction of scales- Plain, Vernier** **2. Identification of drainage and channel pattern**	**Demonstration method** **Problem solving method**	• **learn to construct scales,**	**class tests** **home assignments** **exams**
SEC		**1.Design of primary survey** **2. Sampling types** **3. Preparation of questionnaires**	**Lecture method** **Discussion method** **Enquiry method**	• **learn different quantitative and qualitative methodologies for a research problem**	**class tests** **home assignments** **exams**