**Name of the teacher: Mrs Sabiha Sethwala**
**Initials: SS**

## LORETO COLLEGE
## SEMESTER 1 ( MDC) 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**<br><br>**Unit I: Cartography**<br><br>**Unit -II Geo tectonics**<br><br>**Unit - III Geomorphology** | **4** | **1.Maps: components and classification.**<br>**2. Map projections: classification,**<br>**3. properties and uses**<br><br>**1.Seismic waves, types, properties**<br>**2. internal structure of earth**<br><br>**1.Classification of weathering**<br>**2. Fluvial process**<br>**3. Fluvial landforms** | **Lecture method**<br><br>**Discussion method**<br><br>**Enquiry method**<br><br>**Use of PPT and videos** | • **students acquire knowledge about the structures and the**<br>• **processes operating on the earth's surface and the resultant landforms** | **class tests**<br><br>**MCQ /Objective worksheets**<br><br>**puzzles, quiz**<br><br>**home assignments**<br><br>**exams** |
| **CC-01/MD- PR**<br><br>**Physical Geography Lab** | **10** | **1.Construction of scales- Plain, Vernier**<br>**2. Identification of drainage and channel pattern** | **Demonstration method**<br><br>**Problem solving method** | • **learn to construct scales,** | **class tests**<br><br>**home assignments**<br><br>**exams** |

# LORETO COLLEGE
# TIME PLAN 2024-2025

**Name of the teacher: DEBASREE SINHA**
**Initials: D.S**

**Teaching Objective:**

- Provide an understanding of fundamental methods of data collection during fieldwork.
- Impart knowledge regarding the compilation, record, organization, and display of that data.
- Develop basic skills of methods used in physical geography.

## 1st Semester Multidisciplinary Course Topic-wise Time Plan

| *Topics* | *Hours allotted* | *Topics (as per curriculum)* | *Teaching method* | *Learning outcome (output)* | *Assessment* |
|---|---|---|---|---|---|
| **GEOG-H-SEC01-Th- (Theory) Methods in Geography** | | 4. Data compilation into master table.<br><br>5. Computer-assisted field data entry; tabulation of data into frequency. distribution tables<br><br>6. Statistical analysis of data: measures of central tendency and dispersion<br><br>7. Use of minor survey instruments: Brunton compass, distometer, smartphone levelling applications<br><br>8. Textural analysis of grains using sieves<br><br>9. Mapping and extraction of flooded areas from satellite images and digital elevation models<br><br>10. Mapping areal and linear extents of riverbank and | 1. Lecture<br><br>2. Power point presentation | Students will be able to:<br><br>1. Organize, summarize, display data collected during field.<br><br>2. Perform basic statistical analysis on data.<br><br>3. Discern the utility of minor survey instruments.<br><br>4. Comprehend the significance of grain size in soil samples.<br><br>5. Appreciate the use of topographical maps in delineating flood affected areas, identifying river bank erosion & coastline changes. | 1. Written class test |

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| | | coastline shift from Survey of India 1:50k maps and/or satellite images | | | |