

|| Jai Sri Gurudev||

Sri Adichunchanagiri First Grade College
Channarayapatna

Department of Geography
Lesson Plan Odd Semester 2023-24

B.A Semester 1

Title of the Course: Principles of Geomorphology

Code: GEOGDSC T1.1

Chapters	Allocation of topics	Month	No of Hours
I	Introduction to geography: physical and human geography Introduction to Geomorphology: meaning, nature, development, and scope Principles of Geomorphology Geological Time Scale Distribution of continents and oceans	SEP\OCT	14
IV	Evolution of Landforms Landforms: meaning, types and factors controlling landforms development Slope development: concept and types Concept of Cycle of Erosion–W.M. Davis and W. Penck Agents of Denudation: river; drainage patterns, groundwater, Sea waves, Wind and Glaciers and resultant landforms. Application of geomorphology: in India and Karnataka (Regional planning, Urban planning and transportation, Mining, Hazard management, Agriculture and Environmental management).	OCT\NOV	14

GEOGDSC P1.1 Geomorphology Practical

Content of Practical Course 1: List of Experiments to be conducted

Exercise-1: Identification of Rocks and Minerals. Mineral samples: Iron ore, Bauxite ore and Manganese. Rock Samples: Granite, Basalt, Lime Stones, Sandstone, quartzite, and marble.	SEP	10
Exercise-2: Extraction and interpretation of Geomorphic information from Topographical maps	OCT	10
Exercise-3: Preparation of contour map from toposheet, Construction of Relief Profiles-serial, Super imposed, Projected & Composite.	OCT\NOV	10

Exercise-4: Slope Analysis - Slope Maps (Wentworth method) Slope calculation and conversion (isotan and isosin) and aspect maps & Hypsometric curve and integral	NOV	10
Exercise-5: Drainage Morphometry: delineation of watershed, stream ordering and Morphometric analysis: mean stream length, drainage density and drainage frequency.	DEC	8

**B.A. / B.Sc. (Geography) Degree (Basic / Honours) Scheme & Syllabus - NEP-2022-23
Second Year**

Title of the Course: Fundamentals of Human Geography CODE: DSC T 3.1

Chapters	Allocation of topics	Month	No of Hours
I	1.1 Nature and scope, Development and Branches of Human Geography, 1.2 Themes in Geography: Location, Place, Human-Environment Interaction, Movement and Region. 1.3 Man- Environment Relation: Environmental Determinism and Possiblism, NeoDeterminism (stop and go determinism) 1.4 Approaches to Human geography: Exploration and Descriptive Approach, Regional Approach, Areal Differentiation Approach, Spatial organization Approach. Modern Approaches: Welfare or Humanistic Approach, Radical Approach, Behavioral Approach, Post Modernism in geography	SEP	14
II	2.1 Concept of culture, Material and Non-material Culture, Cultural traits and Cultural regions. 2.2 Meaning and Definition of races, Classification of races, Main characteristics (traits) and Broad racial groups of the world and their distribution. 2.3 Languages: Classification and Distribution of languages. 2.4 Religion: Types, Classification, and Distribution of religions: Hinduism, Christianity, Islam and Buddhism. Assignment: Each student is expected to prepare a brief report on the cultural composition of their own locality/ place/ village/ ward/town or neighborhoods through field investigation and also can use published data.	OCT	14

B.A./ honors Programme Semester III

Title of the Course: Fundamental Techniques in Human Geography, CODE: DSC P 3.1

Exercise 1	Maps: Definition, Elements of map: scale, direction, map projection, conventional signs and symbols, legend, Types of map: 1. Based on scale: A. large scale: cadastral maps, Topographic maps, B. Small scale: wall maps, atlas maps, maps 2. Based on purpose and content: Physical Maps,	OCT\NOV	8
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	Political Maps,Thematic Maps. Uses of Maps.		
Exercise 2	Map Scales: Definition of Scale, Methods of representing Scales: Statement Method, Graphical Method, Ratio Method (R F).	NOV	8
Exercise 3	Conversion of Scale: Verbal to RF, RF to Verbal, Verbal to Graphical. Exercises on Measuring Distances on Map and converting map distance to ground distance	NOV	8
Exercise 4&5	Map Projections: Meaning and Purpose, Latitudes and Longitudes, Classification of Map Projections and their general properties: Conical Projections, Cylindrical Projections, Zenithal Projections. UTM Projections. Choice of Map Projection.	NOV\DCE	8
Exercise 6	Drawing of conical projection with One Std. Parallel and Two Std. Parallels	DEC	8