

K.T.S.P. MANDAL'S
SAHEBRAOJI BUTTEPATIL MAHAVIDYALAYA
 RAJGURUNAGAR
Teaching Plan -2018-19
SECTION 1
F.Y.B.A

Subject- Geomorphology

Teacher Name- Prof. S.A.Waghmare

Month	Unit	Topics	No.of Lectures
June 2018	I	Introduction to Geomorphology a. Introduction to Physical Geography and its branches b. Geomorphology- Definition, Nature and Scope	12
July 2018	II	Fundamental Concepts of The Earth a. The Earth Size, Shape, Radius, Circumference, Parallels of Latitudes and Meridians of Longitudes. b. Time: Local time and Standard time, Time Zone and International Date Line	12
August 2018	III	The Earth a. The earth – its Interior, Composition & Structure b. Origin of Continents and Ocean basin i. Wegener's Continental Drift Theory ii. Theory of Plate Tectonicsiii. Theory of Sea Floor Spreading	12
September 2018	IV	Rocks a. Rock- Definition and origin. b. Type of Rocks- Igneous, Sedimentary and Metamorphic rocks	12
October 2018	V	Crustal Movements a. Internal Movements- Definition, Causes b. Classification of Movements i. Slow movements- Folding and Faulting ii. Rapid movements – Volcanism and Earthquakes	12

SECTION 2

Month	Unit	Topics	No.of Lectures
November 2018	VI	Weathering a. Definition of Weathering b. Type of Weathering- Mechanical, Chemical, biological and Anthropogenic weathering c. Hydrological cycle	12
December 2018	VII	Agents of Erosions and Depositions Landforms created by following agents a. Rivers. b. Sea-waves.	12
January 2019	vIII	Mass Wasting Concept – Type – Soil Creep, Landslides, Debris flows, Avalanches, Mud Flow	12
February 2019	IX	Slopes Meaning & Definition of slopes, Types and slope segments Concave, Convex , Terraced, Rectilinear	12
March 2019	X	Applications of Geomorphology a.Human Activity: i. Settlement ii. Transport iii. Landuse iv. Mining v. Resource Evaluation b.Environmental Hazards & Assessment: i. Landslides ii. Tsunami iii. Soils Degradation iv. Floods c.Watershed Management: d.Field Visit (Not more than two days) for observations and identification of landforms.	12