

**Appasaheb R.B.Garud College shendurni, tal-
Jamner , dist – jalgaon 424204**

F.Y.B.A. Sem I

**Introduction Of Physical
Geography:**

**Prof. Ajinath N. Jivrag
Dept.Of Geography**

Unit no 1 : The Earth

A) Introduction To The Earth

B) **Parallels of Latitudes**-Equator, Tropic Of Cancer & Capricorn, Arctic, Antarctic Circles And Poles

C) **Parallels of Longitudes**- Prime Meridians & Measurement

D) **Measurement of Time**

- i) Local Time ii) Standard Time
- iii) GMT iv) International Date Line



Unit : 2 Movement and Lithosphere of the Earth

A) Movement of The Earth

- i) Inclination of The Earth Axis
- ii) Earth Rotation And Its Effects
- iii) Earth Revolution And Its Effects

What Is Earth Rotation?

- The earth is always moving in the solar system
- This movement is called rotation.
- Earth rotates about this axis once each day (approximately 24 hours).



cont....

Unit : 2 Movement and Lithosphere of the Earth

B) Lithosphere

I . Interior of the Earth

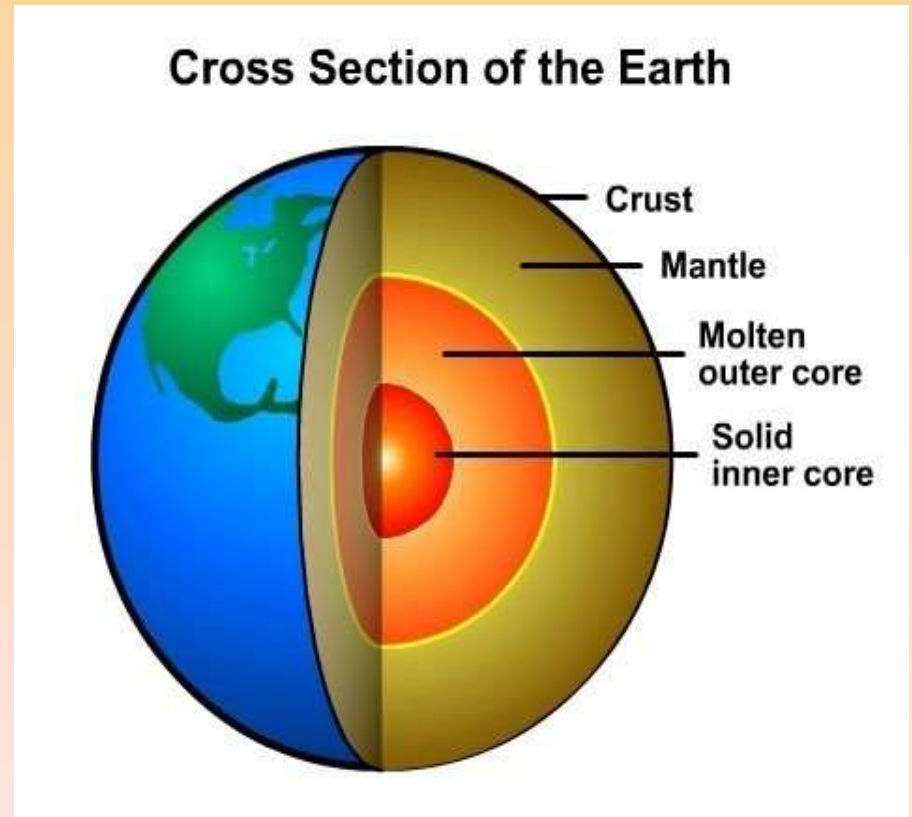
Crust, Mantle, Core,
their minor details

II. Rocks - Definition and Classification and Characteristics of Rocks

i) Igneous Rocks

ii) Sedimentary Rocks

iii) Metamorphic Rocks



Unit no :3 Structure of the Earth (Lithosphere)

A. Origin of Continents and Ocean

i.) Waegener's continental Drift Theory.- Description, Evidences & Criticism.

B. Earthquake and Volcanoes

i.) Earthquake- Causes and effects of Earthquake with examples.

ii.) Volcanoes- Definition and Types , Effects of Volcanoes

Unit no : 4 Weathering

A. Weathering :

Definitions and Types of Weathering

i) Mechanical Weathering

ii) Chemical Weathering

iii) Biological Weathering



cont.....

prof. Ajinath N. Jivrag

Unit no : 4 Weathering

B. Work of Geomorphic Agents

1. River-

- i) Erosional landforms of river:
V shaped valley,
Gorge, Rapids, Waterfall, Spot holes.

- ii) Depositional landforms of river:
Meanders, Ox -bow lakes,
Flood plains, Levees & Deltas.

cont.....

Unit no : 4 Weathering

2. Wind-

i) Erosional landforms of wind:

Blow-out or Deflation Hollows, Mushroom rock, Yardangs, Zeugen, Inselburgs.

ii) Depositional landforms of wind: Sand Dunes, Bharkhans and Loess



Thank you