

Lecture Pattern of B.SC. Geography Honours

under CBCS

SEMESTER V

DC 11A: Soil Geography (Theory)- UNIT I, II

Teacher: Sri Mithun Ray

Suggested Readings:

- [Soil geography and geostatistics. Concepts and Applications by P. Krasilnikov, F. Carré, L. Montanarella; Download Link](#)
- [FUNDAMENTALS OF SOIL SCIENCE by HENRY D. FOTH \(1990\); JOHN WILEY & SONS Download Link](#)
- [USDA Soil Classification Download Link](#)
- [Soil pH Download Link](#)
- [Soil Physical Properties Download Link](#)
- [Soil Chemical Properties Download Link](#)
- [Soil Physical and Chemical Properties Download Link](#)

Lecture Number	Topic
1	Definition of Soil
2	Genetic Classification of Soil Part I
3	Genetic Classification of Soil Part II
4	USDA Classification of Soil Part I
5	USDA Classification of Soil Part II
6	Factors of soil formation Part I
7	Factors of soil formation Part II
8	Physical Properties of Soil
9	Soil Structure
10	Soil Texture
11	Chemical soil properties
12	Soil pH
13	NPK
14	Soil Profile
15	Origin and profile characteristics of Lateritic Part I
16	Origin and profile characteristics of Lateritic Part II
17	Origin and profile characteristics of Podzol Part I
18	Origin and profile characteristics of Chernozem soil Part I
19	Origin and profile characteristics of Chernozem soil Part II