

## Curriculum plan ( Even Semester 2021-22)

Teacher Name: Dr. K. Vandana Rani

Paper name: ZH Core-II: Principles of Ecology

Class type: Theory

Paper shared with: Dr. Tarkeshwar, Dr. Varsha Singh and Dr. Mamta Tripathy

Unit to be taken	Allocated lectures	Month wise schedule to be followed	Tests/Assignments/ Revision/Presentations etc
<b>Unit1: Introduction to Ecology</b> History and Scope of ecology, Autecology and synecology, Laws of limiting factors, Study of physical factors: Temperature and Light.	5	9th December 2021-6th January 2022	Tests
<b>Unit 3: Community</b> i) Community characteristics: species richness, dominance, diversity, abundance, Guilds, Ecotone and edge effect; ii) Ecological succession with examples and types; iii) Theories pertaining to climax community.	12	13th Jan2022- 24th March 2022	Presentation

Name of Teacher: Dr. K. Vandana Rani

Signature