

COURSE OUTLINE FOR FIRST YEAR BIOLOGY

1. Recognizing living things
2. Organization of life
3. The cell and cell theory
4. The cell and its environment
5. Classification of living things
6. Properties and functions of cell (nutrition and cellular respiration)
7. Properties and functions of cell (excretion)
8. Properties and functions of cell (growth)
9. Properties and functions of cell (irritability)
10. Properties and functions of cell (movement and reproduction)
11. Reproduction in unicellular organisms and invertebrates
12. Tissues and supporting system in plants and animals
13. Nutrition and mode of nutrition
14. Enzymes and mammalian teeth
15. Basic ecological concepts
16. Population studies
17. Functioning ecosystem
18. Trophic levels
19. Plant nutrition
20. Energy transformation in nature
21. Relevance of biology to agriculture
22. Effects of agricultural activities on ecosystem
23. Pests and diseases of agricultural importance
24. Food production and storage
25. Population growth and food supply
26. Microorganisms around us
27. Aquatic habitat
28. Terrestrial habitat
29. Digestive system