

MANGALORE UNIVERSITY
DEPARTMENT OF BIOSCIENCES

M.Sc. ENVIRONMENTAL SCIENCE

ESP 509 ENVIRONMENTAL MANAGEMENT TOOLS LAB

Course Outcomes:

CO1 Exercise aerial platforms and photography.

CO2 Learn software for weather forecast.

CO3 Analyse and interpret spatial and geographic data and graphics.

1. Practical exercises on environmental monitoring and remote sensing platforms.
2. Practical exercises on aerial platforms and aerial photography.
3. Practical exercises on geological resource maps
4. Practical exercises on vegetation resource maps and water resource maps.
5. Exercises related to spectral reflectance - vegetation, soil, and water.
6. Introduction to computing in geography.
7. Practical applications like programming concepts.
8. Analysis and interpretation of spatial and geographic data and graphics.
9. Study on softwares for weather forecast.
10. Problems on Statistics for environmental data.

