



MANGALORE UNIVERSITY
DEPARTMENT OF BIOSCIENCES
M.Sc. ENVIRONMENTAL SCIENCE

ESP407 ENVIRONMENTAL METEOROLOGY AND GEOGRAPHY LAB

Course Outcomes:

- CO1 Exercise and compute weather data.
- CO2 Estimate agricultural yield.
- CO3 Estimate potential evapotranspiration.
- CO4 Understand different crop diseases.

1. Weather data analysis (image analysis).
2. Generation of data bases - G.S. handling, scanning and digitization.
3. Exercises related to earth projections.
4. Exercises related to potential evapotranspiration.
5. Practicals related to human settlement analysis.
6. Agricultural yield estimation using satellite data.
7. Practicals on diseases of crop plants by insect.