

B.E. (Instrumentation & Engineering) (Elective-IV)
INSTRUMENTATION IN AGRICULTURE & FOOD INDUSTRIES
(2015 Course) (Semester - II) (406271-C)

1. Explain the Pasteurization Process and related instrumentation involved in dairy plant.
2. Explain design consideration of cold storage, atmospheric controller and preservatives.
3. Write a short note on soil water content measurement.
4. Write a short note on recent trends in food processing.
5. Detail about Centre pivot and Micro irrigation system.
6. Short note on permeability.
7. List and explain the need of various control equipments in a Controlled atmosphere unit.
8. Short Note on Fine wire thermocouple.
9. Which factors should be considered while selection of pump?
10. Write a note on food quality measurement.
11. Draw the process of juice extraction from sugar cane.
12. Explain in detail application of SCADA in Food packing industry.