

Course Title : Food Packaging

- **Aim:**

The overall scope of this course is to introduce the students into the general area of food packaging

- **Syllabus:**

- ✓ Study on the kinds of food destruction mechanisms
- ✓ The effect of intrinsic and extrinsic parameters on food destruction
- ✓ Introduction to food packaging
- ✓ Food packaging materials I: (paper, glass)
- ✓ Food packaging materials II: (metals)- Lacquers
- ✓ Food packaging materials III (polymers)
- ✓ Polymer processing used in food packaging (film making, containers and bottle fabrications)
- ✓ Study on gas permeability of plastic films
- ✓ Measuring methods of gas permeability of polymer films
- ✓ Packaging of horticulture products
- ✓ Packaging of dairy products
- ✓ Packaging of flesh food I (red meat)
- ✓ Packaging of flesh food II (poultry, fish and egg)
- ✓ Packaging of cereal and snack food
- ✓ Packaging of beverages
- ✓ Aseptic packaging of foods

- **Reading Resources**