

## OBJECTIVE

Our world is having different types of living beings. Of these some are having very simple structure and some other are having complex structure. Prokaryotes are examples to the simple living beings, whereas, fungi are grouped in eukaryotes. Prokaryotes and eukaryotes are having distinctive features in their cell components.

After reading this module you will understand about the following aspects of microorganisms which are associated with foods:

- Morphology of bacteria
- Morphology of fungi (molds)
- Morphology of yeasts
- Significance of spores in foods
- Simple staining
- Differential staining (Gram staining)