

Examples of bioremediation technologies

- ❖ **Phytoremediation** - use of plants to bring about remediation of environmental pollutants.
- ❖ **Mycoremediation** - use of fungi to bring about remediation of environmental pollutants.
- ❖ **Bioventing** is the process that increases the oxygen or air flow to accelerate the degradation of environmental pollutants.
- ❖ **Bioleaching** is the use of microorganisms in solution to recover metal pollutants from contaminated sites.
- ❖ **Bioaugmentation** is the addition of selected microbes to speed up degradation process.
- ❖ **Composting** is the process by which the solid waste is composted by the use of microbes into manure which acts as a nutrient for plant growth.
- ❖ **Rhizofiltration** is the uptake of metals or degradation of organic compounds by rhizosphere microorganisms.

❖ **Rhizostimulation** is the stimulation of plant growth by the rhizosphere by providing better growth condition or reduction in toxic materials.