**Presentation Topics for Environmental Microbiology Courses**

* Genetically modified bacteria for bioremediation
* Biosensor for visualizing harmful algal blooms
* Applications of Nanotechnology in Microbial Bioremediation
* Nanotechnologic Approaches for Control of Water-borne Pathogens
* Artificial Nitrogen Fixation in Laboratory Conditions
* Enhancement of Microbial Fuel Cell Activity By Using Nanoparticles
* Large Scale Cultivation of Algaes and Bacterias for Biofuel Production
* Engineered Plastic and Petroleum-eating Microorganisms
* Eco-friendly Bacteria and Biodegradation
* Biomediated geomechanical processes