**Homework Topics for Environmental Microbiology Course 2023**

* 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
* Fungal Alternative Dressings for Wound Healing
* Microbial Communications: Bacteria to Bacteria
* Marine Bacteria As Probiotic and Their Applications
* Nanotechnologic Approaches in Sewage Water Treatment
* Production of Microbial Bioinsecticides
* Electricity Producing Bacteria and Fungi