

MCB 431

PETROLEUM MICROBIOLOGY (3 Units) (L 30: P 15)

Biogenesis of fossil fuels with emphasis on the role of microorganisms. Petroleum prospecting and secondary recovery. Microbial corrosion of pipes and equipment. Methanogenesis and methanotrophy. Effects of oil spill on microbial activities in aquatic and terrestrial ecosystems. Biodeterioration and biotransformation of hydrocarbons.