

Lectures by Professor Akgiray at Cyprus International University



Professor Ömer Akgiray completed two series of lectures/seminars at the Department of Environmental Engineering of Cyprus International University (CIU) in Lefkoşa.

Each series consisted of seven lectures. The first set of lectures, completed in Fall 2011, focused on Fluid-Particle Mechanics with special emphasis on motions of particles in fluids, porous media hydraulics, liquid-solid fluidization and deep-bed filtration.

The second series of lectures, conducted in Spring 2012, focused on Reaction Kinetics and Reactor Design with topics including basic chemical kinetics, ideal reactors, enzyme kinetics, kinetics of biological wastewater treatment, disinfection kinetics and concepts related to non-ideal flow in reactors.