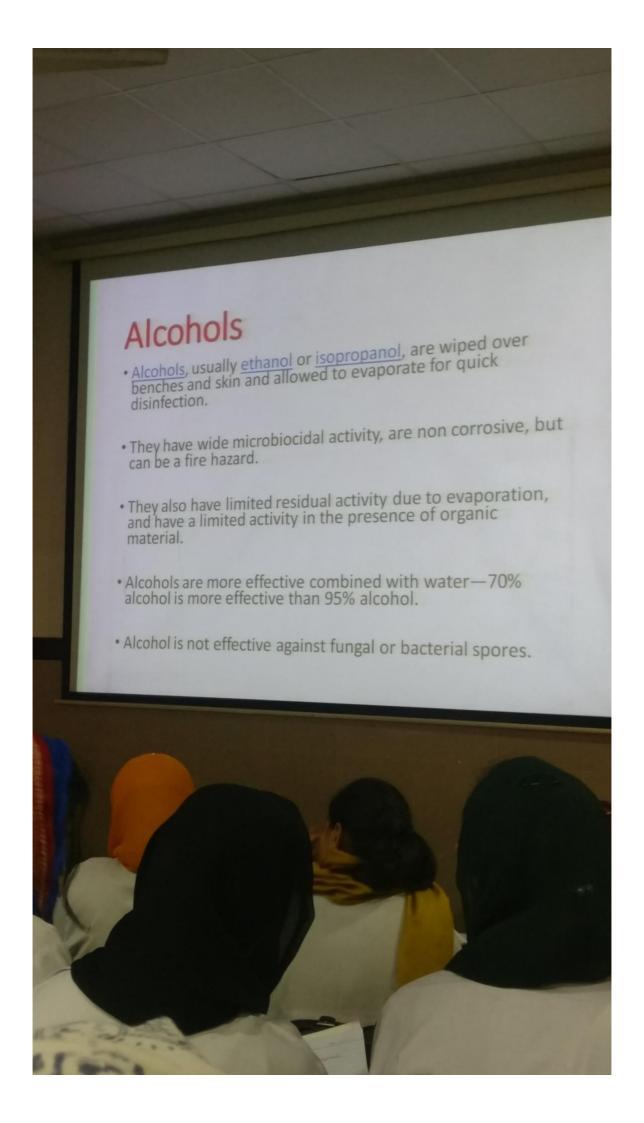
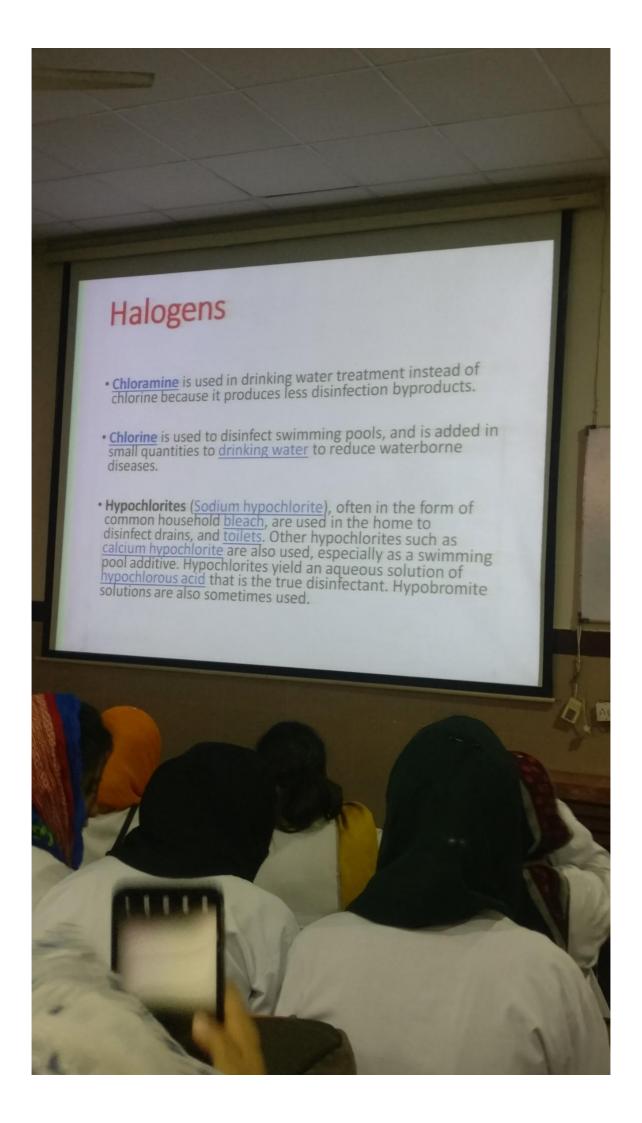


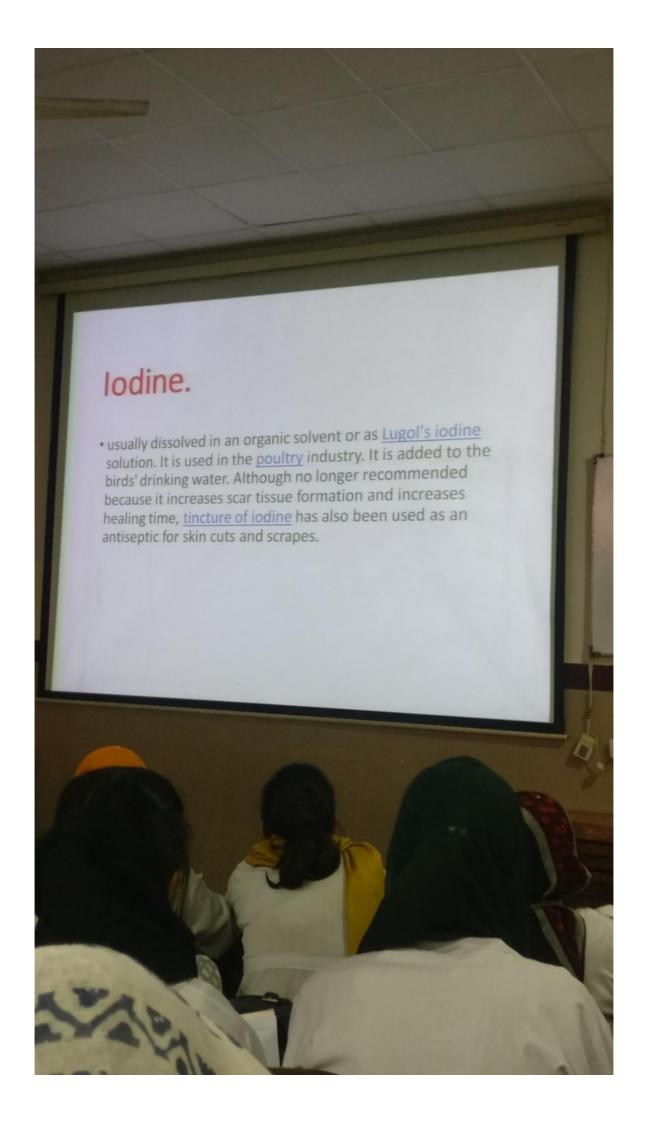
Some common Antiseptics · Alcohols Quaternary ammonium compounds • Hydrogen peroxide · lodine • Phenol (carbolic acid) compounds • Sodium chloride • Sodium hypochlorite

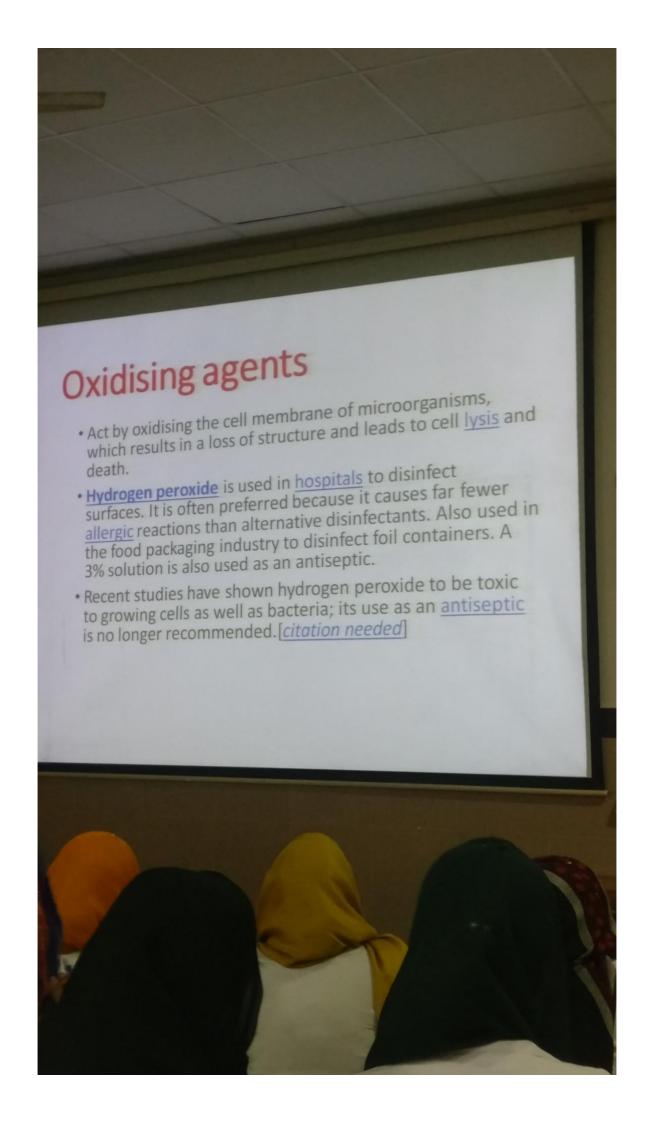
Disinfection • a reduction in the number of viable organisms • Can be achieved by: - Low-temperature steam - Boiling water - Chemical disinfectants

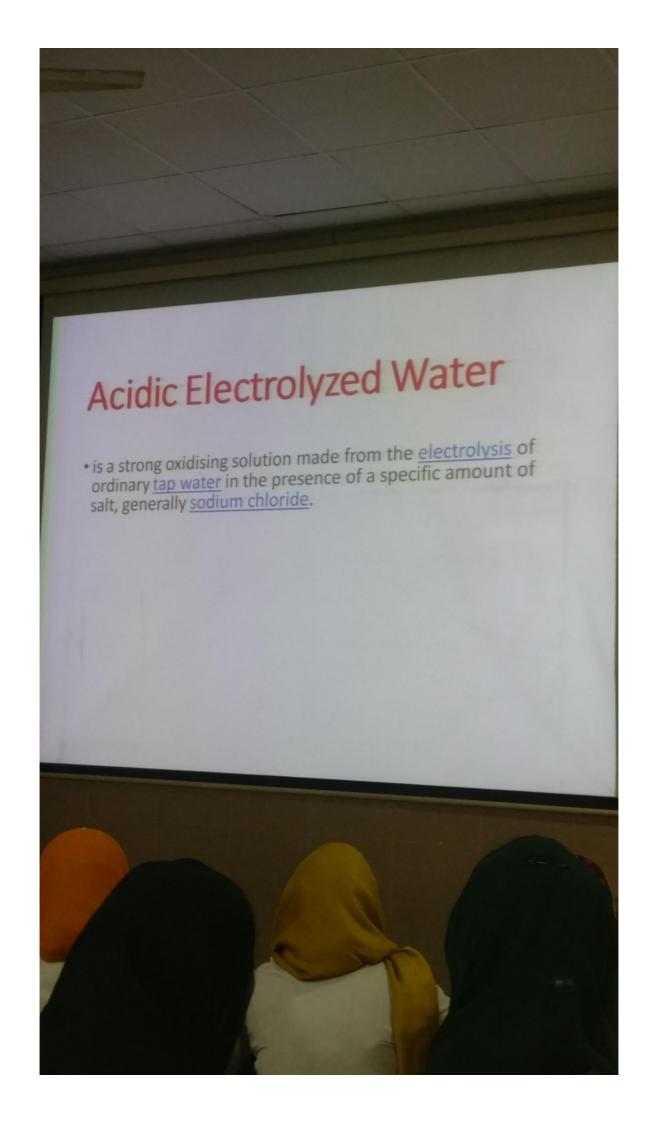


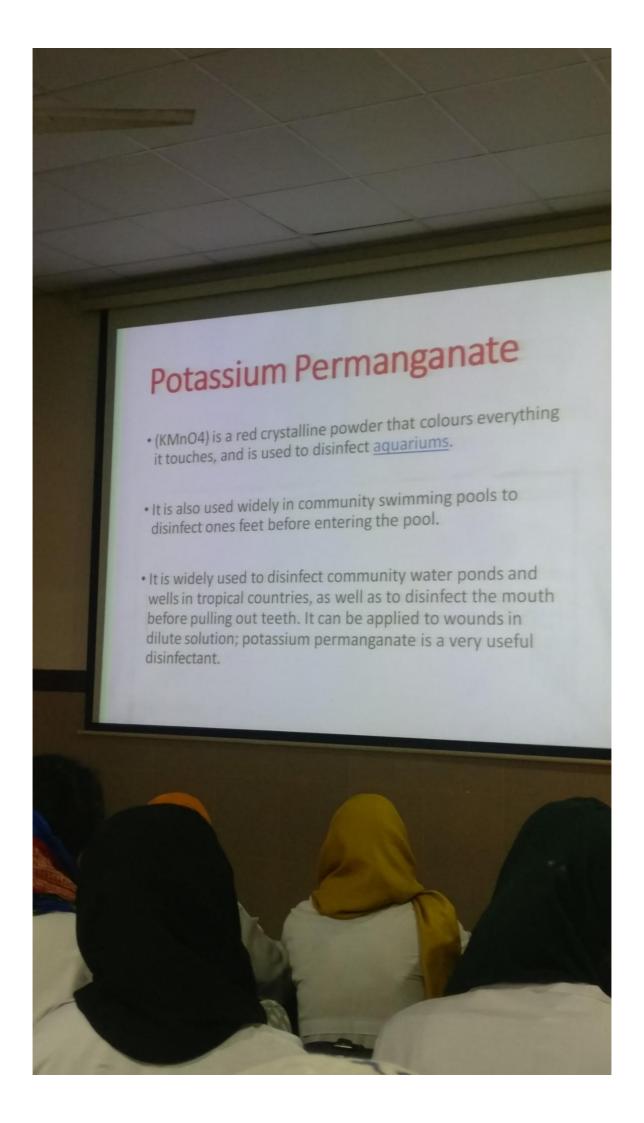


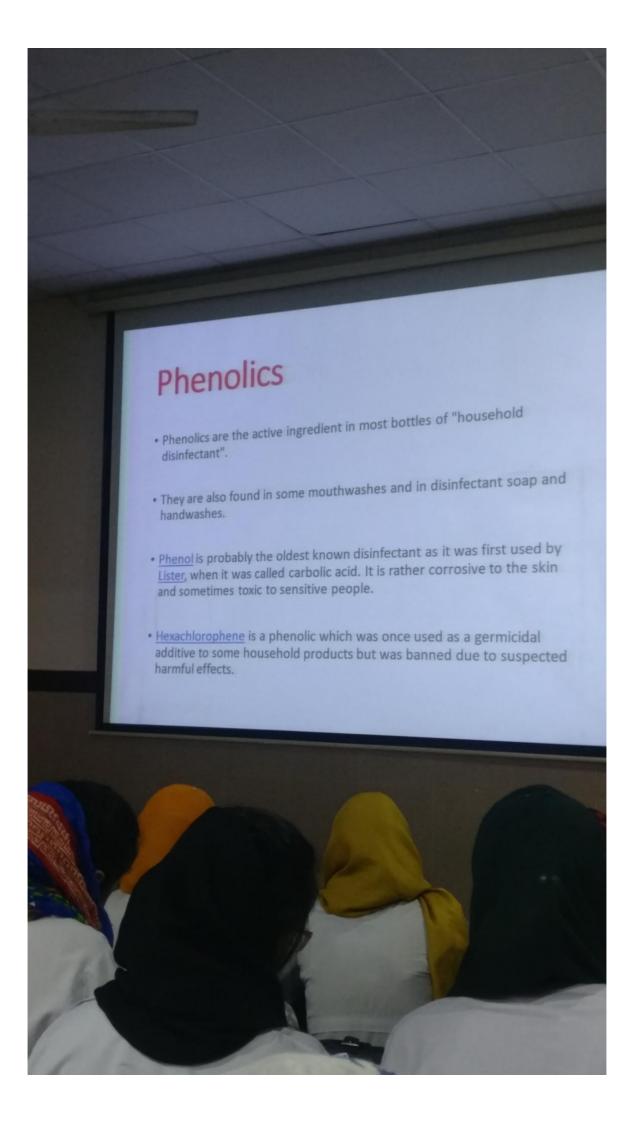


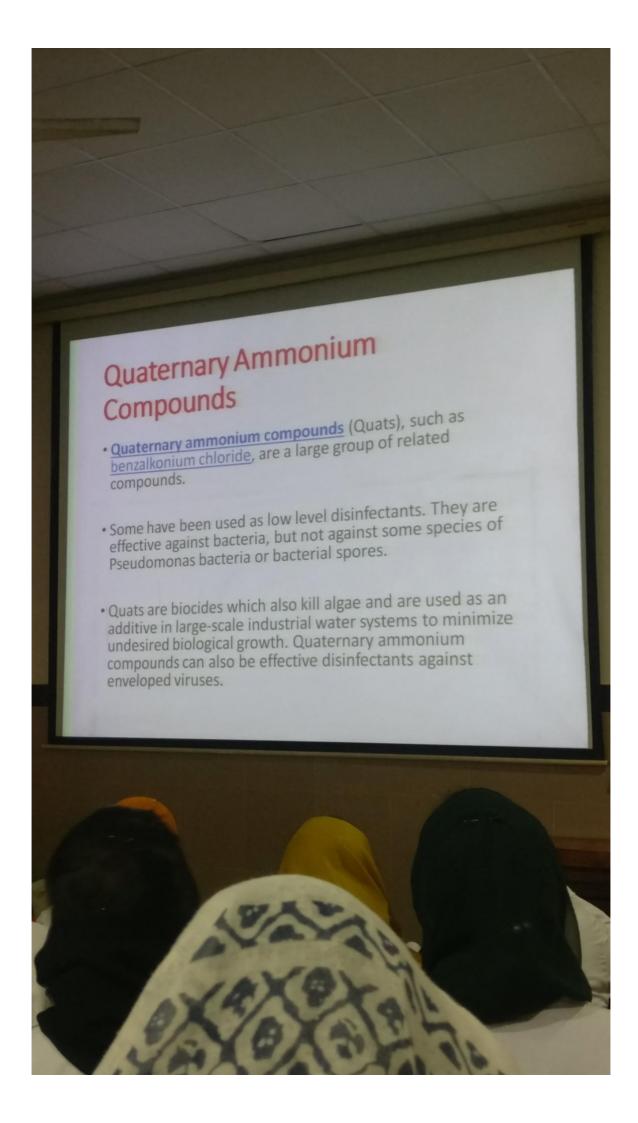


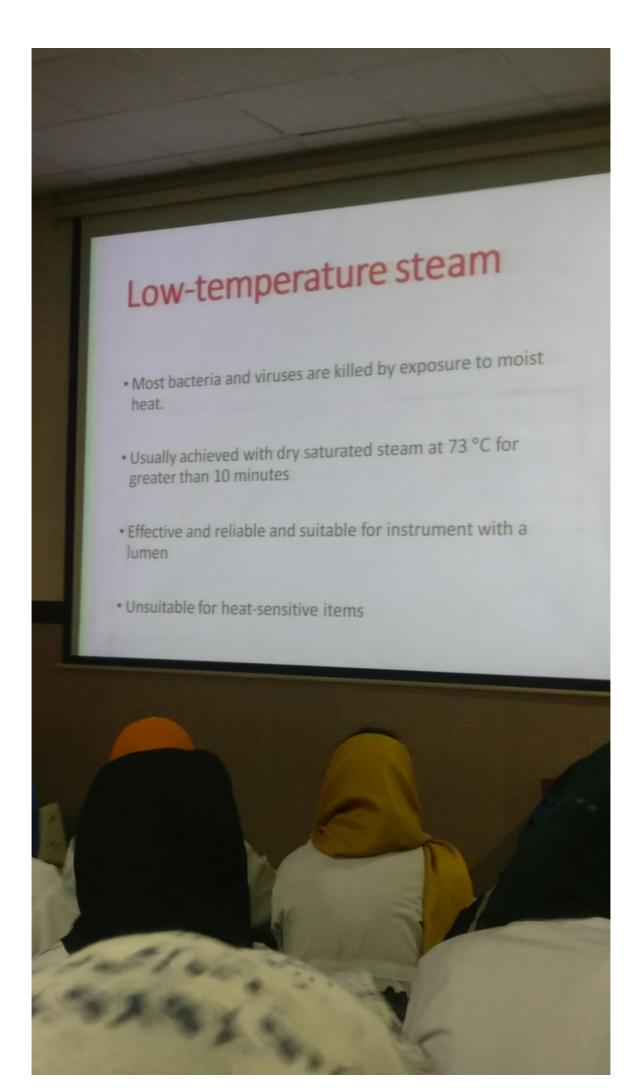






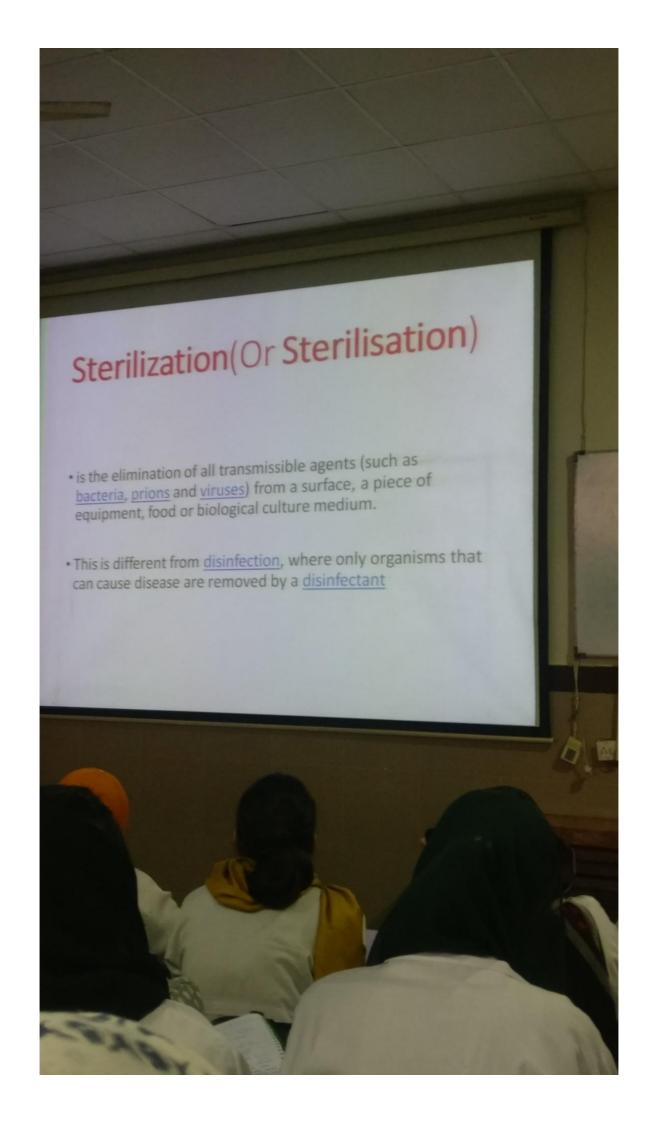


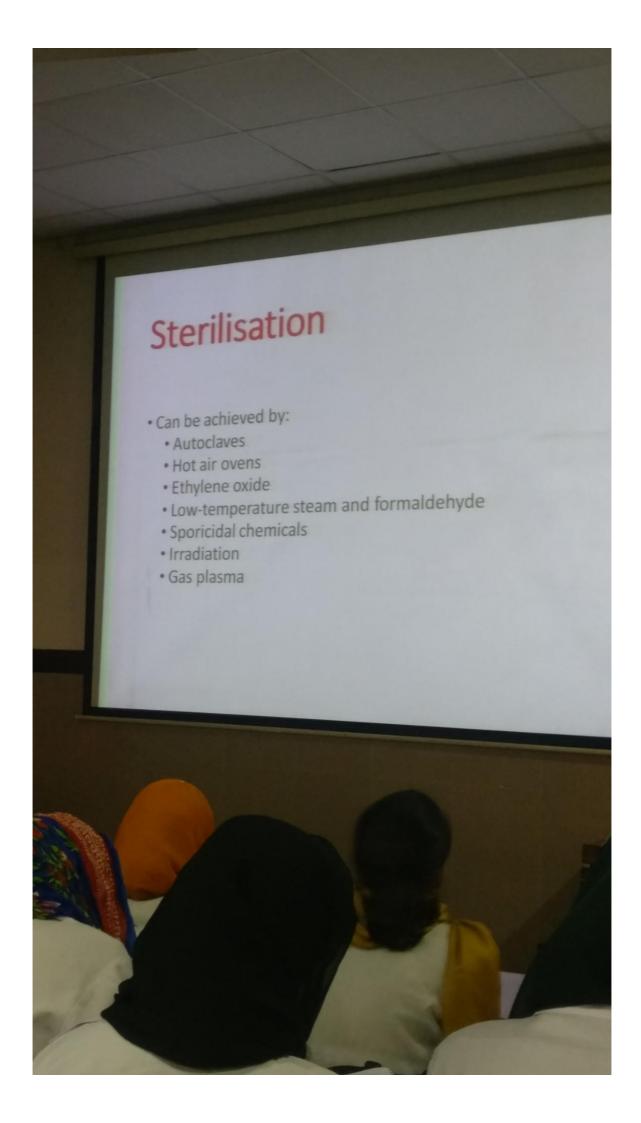


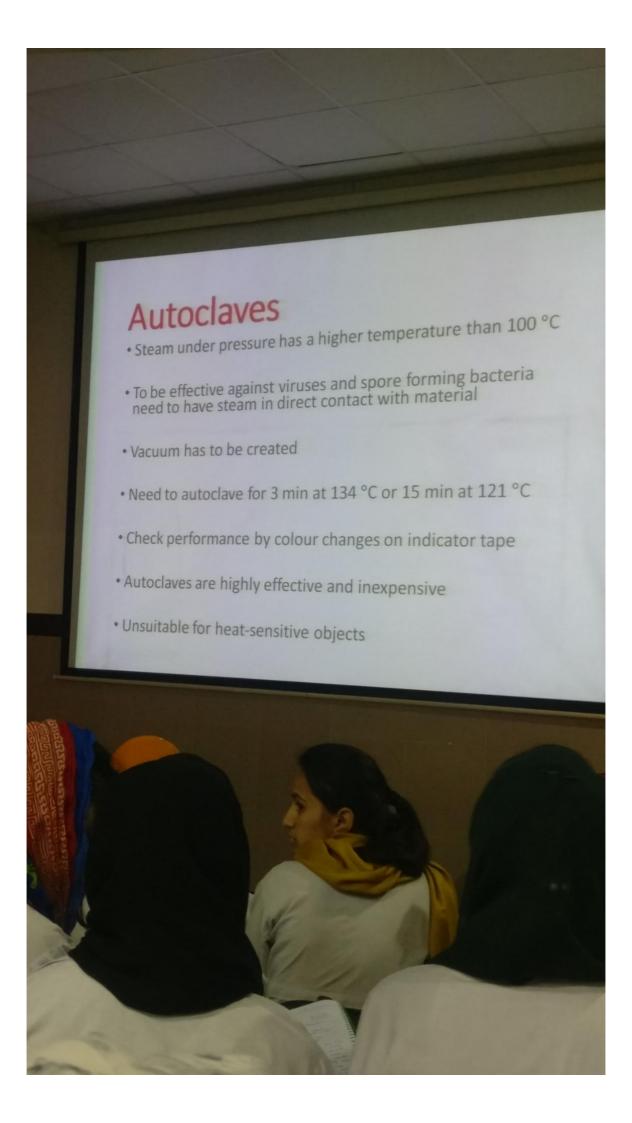


Chemical Disinfectants • Destroys microorganisms by chemical or physicochemical means • Different organisms vary in their sensitivity • Gram-positive - highly sensitive • Gram-negative - relatively resistant • Clostridial & mycobacterial species - very resistant • Slow viruses - highly resistant · Chemicals used include: • Clear soluble phenolics Hypochlorites · Alcohols Quaternary ammonium compounds

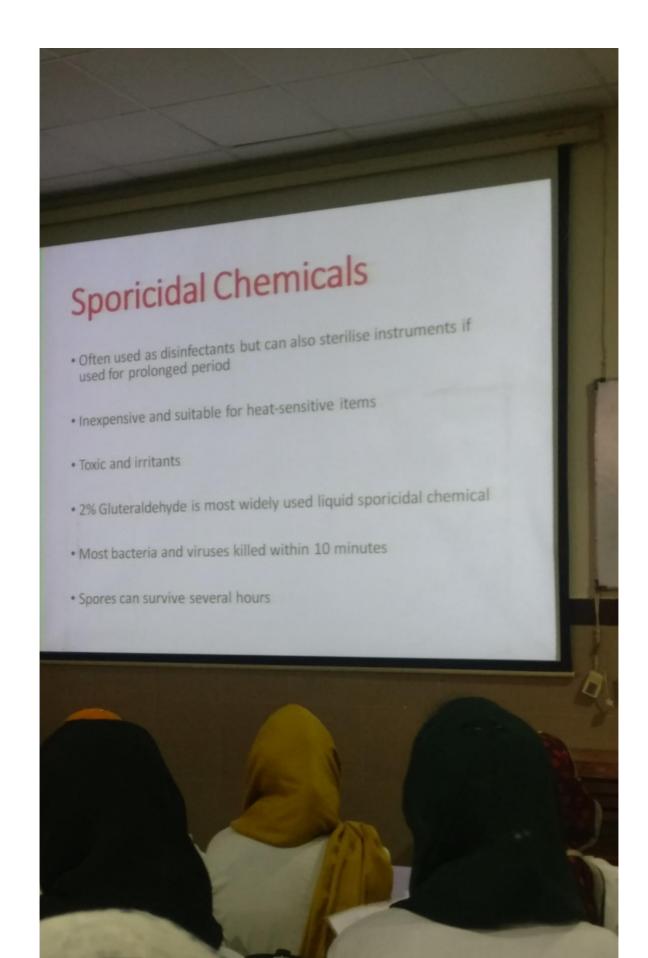












Irradiation • Gamma rays and accelerated electrons are excellent at sterilisation • Used as an industrial rather than hospital based method

