

Environmental Measurement Plan

Abstract

A lecture on “The physics behind environmental measurement” will be delivered. Measurement will be carried out using two (2) $\text{LaBr}_2(\text{Ce})$ detectors. The radiation present in the measurement area (background) will first be measured followed by the sample (salt/banana) measurement. The gamma-ray peaks in the measured sample spectrum will be viewed and explained. A video on how to use ROOT software to subtract the background measurement spectra from that of the sample will be provided.