

Tollah Stephen, an MSc. Student at the Institute of Nuclear Science & Technology, successfully defended his research thesis titled: **“Development of a Prompt Gamma Neutron Activation Analysis (PGNAA) system at the Institute of Nuclear Science and Technology (INST).”**

Tollah conducted a computational investigation into developing a PGNAA irradiation system for elemental analysis using the Am-Be neutron source stationed at INST. He focused on the parametric study of the variables that influence the design of the PGNAA system through Monte Carlo simulation using the MCNP5 particle transport code.

Read full abstract here.....