

XRD, TGA/DSC, SEM/EDX, AFM, FTIR, Wear (Tribology-3 body Abrasive-reciprocating sliding) Raman spectrometer and Micro-hardness tester.

Engineer Dirisu Joseph is a faculty and a PhD student in Mechanical Engineering, covenant University. He is currently working on ceiling composites which involves multidiscipline areas in Material Science and Engineering, Civil Engineering, Chemistry and Mechanical Engineering. He obtained his Masters and BSc at Obafemi Awolowo University in Mechanical Engineering Department. He is a registered Engineering with COREN. His area of interest is Renewable Energy and Thermofluid, fluid powered machinery, heat transfer and refrigeration & air-conditioning. His teaching areas are Thermodynamics, Fluid Mechanics, Heat Transfer, Fluid Powered Machinery, Renewable Energy, Ergonomics, Fluid Power Systems, Refrigeration & Air conditioning.