

Speaker: Dr Mohammad Omar Abdullah

Title: Introduction to Some Applied Energy Research and Their Positive Outlooks

Selected applied energy research carried out by us is introduced in this presentation. This includes adsorption air-conditioning for automobile, hybrid energy for a Telecenter, fuel cell science/application, total energy efficient for maximize chips production and palm/coconut based methyl ester for petroleum oil-based mud (OBM) formulation. The main purpose of this presentation is to provide an overview on the significance of the research works conducted and the associated outlooks. The related methodology employed is discussed and interesting findings are highlighted together with the discussions on the current attempts for further improvements, thus their positive outlooks.