

Course No.	Course Title	Credites	Pre-requisite	Learning Type
0706363	Energy Conversion	3	0706231	Face-to-face
<p>Energy classification, sources and utilization, Energy growth and economics, Fossil Fuel Systems and combustion in steam power plants. Steam generators. Boiler rating and performance. Environmental aspects of thermal power plants. Overview on renewable energy sources. Introduction to direct energy conversion systems, Thermoelectric, photovoltaic and thermionic converters. Energy Storage. Vapor and air standard power and refrigeration cycles.</p>				