

ENCON for Industries (Day 1)

S.No	Topic	Contents	Time	Faculty
1	Introduction	Introduction of Participants, Expectation, Course Introduction	9:30AM to 9:45 AM	AK
2.	Basics Of Energy ,Energy Auditing Methodology	Types, Units Of Measurement, Need for Conservation, Methodology for Energy Conservation, Energy Audit , Concept Of Life Cycle Costing; Energy Measurement systems	9:45 AM to 10:45AM	AK/PP
3	Break		10:45AM To 11AM	
4	Energy Efficiency In Compressed Air Systems	Salient Components (Compressors ,Dryers Receivers) selection, Efficiency Testing, Leak Estimation, Testing Methods- Case Study	11 AM to 11:55AM	
5.	Role of Lubricants in Energy Conservation	Concepts and Selection of Lubricants. Dos and Don't's& Need of fuel conservation	11:55 AM to 12:55PM	AK
6	Lunch		1 PM to 2 PM	
6	(a)Energy Efficiency in Pumping Systems and (b) Fans and Blower Systems	Pump:Basic Concepts , Laws governing System Efficiency, Energy Conservation Opportunities ,Case studies	2 PM to 3 PM	PP
7	Break		3PM to 3:15 PM	
8	Energy Efficiency in Lighting Systems	Types of Lighting: Terms associated with Lighting; Standards for Lighting Level; Case Studies; Ceiling Fans. Standards associated with Lighting including ECBC	3:15 PM to 4:00PM	PP
9	Furnaces/Ovens/Boilers	Types of Ovens/Furnaces, Losses associated in a Furnace, Estimating the Energy Saving Potential, Energy Conservation Measures and Case Studies	4:00 PM to 5 PM	PP/AK

