



**Government of Tamil Nadu
Department of Industries and Commerce
District Industries centre, Salem.**

**Promotion of Energy Audit and Conservation of Energy
(PEACE)
Three Days Training Program**

Dec 13 to 15- 2018

For

MSME Industries

Energy Audit Training Program

Venue: DIC, Salem

By

**Dr S.Venkatarayanan ME.,PhD.,MBA.,MPhil.,SMIEE.,MISTE.,MIE
PCRA Empanelled Faculty, En Ms Lead Energy Auditor, Chartered Engineer,
Professor/EEE**

Department of Electrical and Electronics Engineering

K.L.N.College of Engineering

Pottapalaym 630 612, Sivagangai District

	13.12.2018(Thursday)	
09.30AM	Registration by participants	
10:00 AM	Inauguration	
10.30AM-10.45AM	Tea Break	
	Introduction of the Energy Audit	General Manager DIC, Salem
10.45AM-1:00PM	General Aspects of Energy and management	Dr.S.Venkatanarayanan Professor & EnMs Lead Energy Auditor, PCRA Empanelled Faculty, / EEE/K.L.N. College of Engineering
	Government support and funding on Energy Audit	Project Manager DIC, Salem
01.00 PM-2.00PM	Lunch Break	
2.00 PM – 3.00PM	Energy Audit and its Benefits – safety	A.Sahayaraj M.E., P.hD., Energy Auditor K.L.N.C.E Pottapalayam, Sivagangai
3:15PM to 3.15PM	Tea Break	
3:15PM to 4:PM	Common Problems in the UPS, Power Supply, AMC Lightning arrester VFD	Mr.Sivakumar ME.,(PhD) Research Scholar K.L.N. College of Engineering

	14.12.2018(Friday)	
10:00 AM -11AM	Energy Audit and its benefits in MSME and LT Industries	Er.Prasanth M.E., S.V.Vijay Engineering, Madurai
	Energy saving tips for small scale industries	Mr.Sivakumar ME.,(PhD) Energy Expert / PCRA Empanelled Faculty, K.L.N. College of Engineering Pottapalayam, Sivagangai
11.030AM-11.15AM	Tea Break	
11:15AM-1:00AM	Energy certification Implementations- Benefits to MSME	Er.A.Priyanga M.E S.V.Vijay Engineering Madurai
01.00 PM-2.00PM	Lunch Break	
2:00PM – 4:00PM	Industries Visit and Hands on Experience for Energy Audit	Visit to the nearest industry and taking the reading using some of the basic Instruments by the participants and explaining to the participants

	15.12.2018 (Saturday)	
10.00 AM – 11:00AM	Energy Audit tools	Er. Rishi Rahuman B.E S.V.Vijay Engineering Madurai
11:00AM to 11:15AM	Tea Break	
11:15AM to 12:05PM	Energy Saving Possibilities on Major Equipments, Effects on Earthing Unbalance current and parameters with the Energy Auditor Equipments	Dr.S.Venkatanarayanan Professor/ EEE/K.L.N. College of Engineering & Mr S.Ashok Kumar Technical Assistant
12:05PM to 1:00PM	Power factor improvement in industries with case studies and Introduction to Demand Controller	Er C.Gayathri M.E., (PhD) Electrical Engineer Energy Expert / K.L.N. College of Engineering
01.00 PM-2.00PM	Lunch Break	
2:00 PM -3.00 PM	Energy Management and audit in industries	Er.M.Nagajothi M.E.,(PhD) Electrical Engineer Energy Expert / K.L.N. College of Engineering
2:00PM – 4:00PM	Valedictory and Certificate Distributions	General Manager, DIC, Salem