



**Government of Tamil Nadu**  
**Department of Industries and Commerce**

**District Industries Centre,  
Thoothukudi – 628 101**

**In co ordination with**



**CENTRE OF EXCELLENCE ENERGY AUDIT DIVISION**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**K.L.N.COLLEGE OF ENGINEERING**  
**POTTAPALAYAM - 630 612**

**04.10.2017 to 06.10.2017**

**@**

**Thuditsia Meeting Hall, 4/158, Ram Nagar, Thoothukudi.**

**Phase –II – Three days Training Program on**

**PROMOTION OF ENERGY AUDIT AND CONSERVATION OF ENERGY for MSME**

**District Industries Centre, Thoothukudi – 628 101**

Coordinated by  
Dr. S.Venkatarayanan., ME.,PhD  
Professor/EEE  
Energy Consultant/IEEE Member

	<b>04.10.2017(Wednesday)</b>	
09.30AM	Registration by participants	
10:00 AM	Inauguration	
10.30AM-10.45AM	Tea Break	
	Introduction of the Energy Audit	General Manager DIC, Thoothukudi – 628 101
10.45AM-1:00PM	General Aspects of Energy and management	Dr.S.Venkatarayanan Professor/ EEE/K.L.N. College of Engineering
	Government support and funding on Energy Audit	Deputy Director /Assistant Engineer DIC , Thoothukudi – 628 101
01.00 PM-2.00PM	Lunch Break	
2.00 PM – 3.00PM	Energy Audit and its Benefits – safety	Er.P.Thangaraj Assistant Executive Engineer (RtD) Madurai
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 M.E.,(PhD) Research Scholar K.L.N. College of Engineering

<b>05.10.2017(Thursday)</b>		
10:00 AM -11AM	Energy Audit and its benefits in MSME and LT Industries	Mr.A.Sahayaraj M.E., (Ph.D) Energy Auditor and Executive Engineer TANGEDCO, Madurai
	Basics of Electrical Engineering Energy saving tips for small scale industries	Ms C.Gayathri.,M.E.,(Ph.D) HOD/Professor/EEE Mount Zion Engineering College, Pudukottai
11.030AM-11.15AM	Tea Break	
11:15AM-1:00AM	Energy certification Implementations- Benefits to MSME	Mr Sankararaman, Managing Director Mr.J.Karthik ITAS- Madurai
01.00 PM-2.00PM	Lunch Break	
2:00PM – 4:00PM	Industries Visit and Hands on Experience on Energy Audit	Visit to the nearest industry and taking the reading by the participants and explaining to them
<b>05.10.2017 (Friday)</b>		
10.00 AM – 11:00AM	Energy Audit tools	Er.P.Thangaraj Assistant Executive Engineer (RtD) (TANGEDCO) Madurai
11:00AM to 11:15AM	Tea Break	
11:15AM to 12:05PM	Energy Saving Possibilities on Major Equipments, Effects on Earthing	Dr.S.Venkatanarayanan Professor/ EEE/K.L.N. College of Engineering

	Unbalance current and parameters with the Energy Auditor Equipments	& Mr A.Manikandan Technical Assistant
12:05PM to 1:00PM	Power factor improvement in industries with case studies and Introduction to Demand Controller	Er.P.Deleepan/ Managing partner Impulse Electro systems Madurai/ Er C.Vinoth Kumar B.E
01.00 PM-2.00PM	Lunch Break	
2:00 PM -3.00 PM	Energy Management and audit in industries	Mr.C.Jebaraj/ Director-Technical Mr.N.Tamilselvan Director T,J SOLUTIONS MADURAI
2:00PM – 4:00PM	Valedictory and Certificate Distributions	General Manager, DIC, Thoothukudi – 628 101 Assistant Director, DIC, Thoothukudi – 628 101