



**Government of Tamil Nadu**  
**Department of Industries and Commerce**  
**District Industries Centre, Collectorate Complex, Sivagangai-623 560**

**Phase –II – Three days Training Program on**  
**PROMOTION OF ENERGY AUDIT AND CONSERVATION OF ENERGY for**  
**MSME**

**Organised and conducted by**

**Mr.S.Ganesan, General Manager,**

**District Industries Centre, Sivagangai-623 560**

**In co ordination with**



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



**09.10.2017 to 11.10.2017**

**Venue @**

**Dept of EEE, K.L.N. College of Engineering**

**Coordinated by**

**Dr. S.Venkatanarayanan., ME.,PhD**

**Professor/EEE**

**Energy Consultant/IEEE Member**

**9677320576, venjeyeee@gmail.com**

**[www.klnce.edu](http://www.klnce.edu)**

<b>09.10.2017(Monday)</b>		
09.30AM	Registration by participants	
10:00 AM	Inauguration	
10.30AM-10.45AM	Tea Break	
10:45AM-11:15AM	Introduction of the Energy Audit	Thiru.S.Ganesan General Manager DIC, Sivagangai
11:15AM-11:30AM	Government support and funding on Energy Audit	Deputy Director /Assistant Engineer DIC , Sivagangai
11.30AM-1:00PM	General Aspects of Energy and management	Dr.S.Venkatanarayanan Professor/ EEE/K.L.N. College of Engineering Mr.A.Sahayaraj ME., (PhD) Energy Auditor and Executive Engineer TANGEDCO, Madurai
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	Power quality issues In MSME sector	Dr.A.S.S.Murugan., M.E.,Ph.D Professor/ EEE/K.L.N. College of Engineering

	<b>10.10.2017(Tuesday)</b>	
10:00 AM -11AM	Mechanical issues and its energy saving opportunities	Dr.M.R.Thanasekar Professor/ Department of Mechanical Engineering K.L.N. College of Engineering
11.00AM-11.15AM	Tea Break	
11:15AM -12:00 Noon	Electrical issues in Electrical Machines	Dr.S.M.Kannan Professor & HODEEE K.L.N.C.E
12:10 PM -12.55 PM	Common Problems in the UPS, Power Supply, AMC Lightning arrester VFD	Mr.S.Sivakumar ME.,(Ph.D) Research Scholar K.L.N. College of Engineering
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>11.10.2017 (Wednesday)</b>	
10.00 AM – 11:00AM	Energy Audit tools	Er.P.Thangaraj Assistant Executive Engineer (TANGEDCO) 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 A.Manikandan Technical Assistant
12:05PM to 1:00PM	Power factor improvement in industries with case	Er.P.Delepan/ Managing partner

	studies and Introduction to Demand Controller	Impulse Electro systems Madurai Er C.Vinoth Kumar/KLNCE
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
3:00PM – 03:45PM	Valedictory and Certificate Distributions	Felicitation Er.K.N.K.Karthik President – K.L.N.C.E Dr.A.V.Ramprasad Principal/ K.L.N.C.E Mr.S.Ganesan General Manager, DIC Dr.S.M.Kannan HOD/EEE/K.L.N.C.E Sivagangai
	Vote of Thanks	Assistant Director(S&SI), District Industries Centre, Sivagangai District Dr.S.Venkatanarayanan Professor/EEE Energy Consultant