

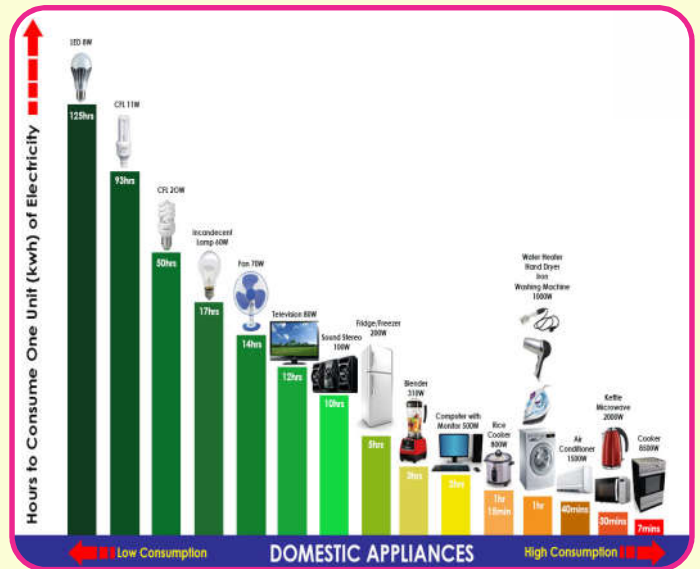
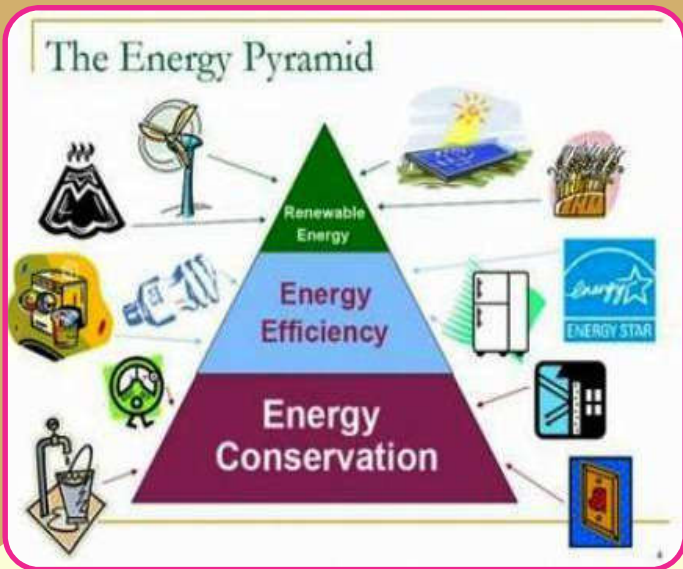
Estd : 1994

INDUSTRIAL ENERGY AUDIT

K.L.N. College of Engineering

Department of Electrical and Electronics Engineering

Pottapalayam - 630 612
Sivagangai District, Tamilnadu



Centre of Excellence Energy Audit Division

Dr. S. Venkatanarayanan M.E., Ph.D., MBA., M.Phil., MISTE., MIEEE

Professor and Energy Consultant, Member IEEE

Department of Electrical Electronics Engineering

Email ID : venjeyeee@gmail.com

Mobile No. +91 96773 20576

ABOUT THE COLLEGE

Vision

To become a Premier Institute of National Repute by Providing Quality Education, Successful Graduation, Potential Employability and Advanced Research & Development through Academic Excellence.

Mission

To Develop and Make Students Competent Professional in the Dynamic Environment in the field of Engineering, Technology and Management by emphasizing Research, Social Concern and Ethical Values through Quality Education System.

A Brief History of the College

K.L.N. College of Engineering is the first self-financing Co-educational Engineering College in Madurai, started in 1994 by Munificence of Philanthropist and well-wishers in Sourashtra Community which is a linguistic minority in Tamilnadu. This college is sponsored by the committee of eminent industrialists and academicians led by enthusiastic, educationalist and industrialist (Late) Thiru K.L.N. Krishnan. This college has the approval of All India Council for Technical Education, New Delhi and is affiliated to Anna University, Chennai. We offer seven UG Courses, B.E, Mech, EEE, ECE, CSE, AUE, EIE & B.Tech IT and Seven PG Courses, M.E. CAD / CAM, PSE, CS, CSE, CSE (N/W), MBA & MCA & PhD Full Time & Part Time Programmes

The Department of Electrical and Electronics Engineering

Started offering B.E. in Electrical and Electronics Engineering in the year 1994. Started offering M.E. in Power Systems Engineering in the year 2005. Accredited in March 2004 (First time) and Re-accredited (Second time) by National Board Accreditation, New Delhi. Re-accredited (Third time) National Board Accreditation, New Delhi. Recognized Research Centre Approved by Anna University, Chennai with effect from December 2012, and offering guidance for M.S & Ph.D. (Full time/Part time). Both UG and PG programs are permanently affiliated to Anna University, Chennai with effect from December 2012.

HISTORY OF THE DEPARTMENT

| B.E. - Electrical and Electronics Engineering | | M.E. - Power Systems Engineering | | Ph.D. | |
|---|-----------------------------|-----------------------------------|----------------------------|--|--------------------------|
| Year of start & History of Intake | 1994, with an intake of 40 | Year of start & History of Intake | 2004, with an intake of 18 | Year of Recognition as Research Centre | 2012 |
| | 1996, with an intake of 60 | | 2012, with an intake of 24 | First Renewal | 2015, upto December 2018 |
| | 2002, with an intake of 90 | | | | |
| | 2011, with an intake of 120 | | | | |
| Both UG & PG programs are permanently affiliated to Anna University, Chennai. | | | | | |
| Accreditation status | | | | | |
| First Accreditation | Second Accreditation | Third Accreditation | | Fourth Accreditation | |
| 3 YEARS W.E.F. 19-3-2004 | 3 YEARS W.E.F. 19-7-2008 | 2 YEARS W.E.F. 05-08-2013 | | Academic Year 2016-17,2017-18 and 2018-19, i.e., upto 30-06-2019 | |

Energy Audit

An energy audit is an inspection, survey and analysis of energy flows, for energy conservation in a building, process or system to reduce the amount of energy input into the system without affecting the output(s). In industries, Hotels, Hospitals, Residential Buildings, Colleges, Schools, Banks, Theatres, HT, LT, LTCT, Mills, SIDCOS & Etc., an energy audit is the first step in identifying opportunities to reduce energy expense. The testing will be conducted as per the standard of IEC, IEEE, IEC, BS, IS for the industries enable to find out the losses and minimizing methods. We verify all AMC records about the activities carried out by the contractor for smooth functioning of the equipments.

Electrical Energy Audit

Electrical Energy Audit forms an integral part of an Industrial Energy use. Electrical Energy Audit consists of Studying, Assessing, Measuring and Analysing electrical utilities. In a typical Plant the electrical utilities consists of Generators, EB incoming, Transformers, Power Distribution System, Metering and Monitoring System, Motors, Blowers, UPS, Batteries, Stabilizers, Fans, APFC, Maximum Demand Controllers, Air Conditioners, Compressors, Pumps, Lighting, Lightning arresters, Earthing, Solar Power Plants, On grid, Off grid & Net metering Etc. This all equipments will be tested based on the specification of the equipments.

Electricity Bills

Further to this analysis of electricity bills, energy consumption trends, bench-marking in line with process requirement is also carried out.

Benefits of Energy Audit

Reduces Electricity Bills, Increase energy efficiency, Reduce energy usage, Improve indoor air quality, Produce consistent interior temperatures, Reduce interior drafts, Improve humidity control & ventilation etc.

Our Work

Our Energy audits will evaluate your facility “as a whole”, to consider a wide range of available facilities (Electrical, Mechanical, Envelope and Water).

The audit will not only inform you of opportunities but provide you with financial analysis. This will enable prioritization based on financial benefit and return on investment.

Provide you with solid, easy to understand technical information regarding the proposed energy conservation measures.

A good quality audit will analyze your historical energy use and find potential issues using statistical methods.

Provide you with emissions analysis to help you understand the benefits of your decisions from an environmental standpoint.

Understand where energy is used and which areas are worth focusing on the most.

The cost-benefit analysis of the audit suggestion would help decision makers prioritize opportunities and evaluate them as investments.

Training will be provided for the users, operators, Engineers

The Suggestion and Details will be given through our Department of EEE, K.L.N. College of Engineering with expert opinions.



K.L.N.COLLEGE OF ENGINEERING
Pottapalayam 630 612 , Sivagangai District



Department of Electrical and Electronics Engineering
Accredited by NBA, New Delhi

100th ENERGY AUDIT Consultancy Programme
On 31.07.2017 10:00 AM at



SCIENTIFIC AGRICULTURE LABORATORY (P) LTD

3/196, Natham Main Road, Manthikulam Vilakku, Karavanur Post, Madurai - 625 014, Tamil Nadu, India

Mr K.Muthukumar
Director - Technical Marketing/SAL
Mrs.Saranya Muthukumar
Director/SAL

Dr.K.N.K.Ganesh B.E.,Ph.D.(Hon).,
Secretary and Correspondent /KLNCE
Er.K.N.K.Karthik
President /KLNCE

Dr.S.Venkatarayanan
Professor/EEE & Energy Consultant
Mr.P.Thangaraj
AEE(Rtd)/TANGEDCO/Madurai

Mr.G.Ramesh Senior, Maintenance coordinator/SAL
Mr Rajaram, Senior, Production Co ordinator/SAL
Mr. Kamaraj,S. Senior HR Coordinator/SAL

Dr.A.V.Ram Prasad, Principal,K.L.N.C.E
Dr.S.M.Kannan, Professor & HOD/EEE



Energy Audit at M/s.P.K.S.Engineering Kappalore Madurai



PEACE Awareness program at Perambalore for General Manager DIC, Perambalore



Energy Audit Awareness program at Theni along with The Collector , Petroleum conservation and research Associations (PCRA)and DIC Theni



Energy Audit at a Home at Kochadai



Promotion of Energy Audit and Conservation of Energy (PEACE) training program for Industries at Rameswaram On behalf of District Industries centre, Ramanathapuram



Energy Audit PEACE Training program and valedictory function along with General Manager, DIC Madurai



IEEE HUB CONGRESS AT THIAGARAJAR COLLEGE OF ENGINEERING MADURAI



Promotion of Energy Audit and Conservation of Energy (PEACE) with Collector Madurai and GM, DIC, Madurai for the promotion of Energy Audit



Electrical Engineers A Grade Association Meeting at Courtralam , Thirunelveli District



Energy Audit at Unit Trust of India, Madurai



**Energy Audit at M/s.MEDNOB HEALTH CARE
Madurai**



**Energy Audit at M/s. ANNAPOORNA TOWERS
Madurai**



**Energy Audit at M/s.VETRI CINIMAS
Madurai**



**Energy Audit at M/s.TEMPLE CITY
Madurai**



**Energy Audit Training Programme
Rameshwaram**



**Energy Audit Training Programme
Perambalur**



**Energy Audit Training Programme
Kovilpatti**



**Energy Audit Training Programme
Namakkal**



**Energy Audit at M/s.Bargavi Textiles
Kappalore, Madurai**

**Energy Audit at M/s.MM Hospital,
Namakkal**



**M/s Ramanujam Mill
Owner Residence
Theni District**



**M/s Thambis
Theatre Cumbum
Theni District**



**M/s Krishna
Theater, Theni
Theni District**



**M/s Bargavi
Textiles, Kappalore,
Madurai**



**M/s Vetri cinemas
Madurai**



**M/s Ansell,
Bommanasandra
Bangalore**



**M/s. Scientific Agricultural
Laboratory, Madurai**



**M/s Tamilnadu
Theological college,
Madurai**



**M/s CDD Center,
Madurai**



**M/s J-Cup
Residency,
Thirunagar Madurai**



M/s Agriya Chemical , Madurai



M/s Temple City Hotel Dreams, Surveyor colony Mattuthavani, Madurai



M/s Temple City Hotel, Mattuthavani, Madurai



M/s Gokul Industries, Theni District



M/s Jeyaraj Industries , Periyakulam, Theni District



M/s Vikram Multi speciality Hospital, Madurai



M/s Apollo First Med Hospital, K.K.Nagar, Madurai



M/s TVS and Sons PVT Ltd, 211, South veli street Madurai



M/s I-TAS, Palanganatham, Madurai



M/s IK Engineering Solutions, Kappalore Madurai District



**M/s Sharon Solar Solutions,
Thiruparangundram, Madurai.**



**M/s Maheswari Industries,
Uranganpatty,
Madurai District**



**M/s Arunachalam Lathe Industries,
Uranganpatty, Madurai District**



**M/s Meenakshi Urangan patty,
Madurai District**



**M/s Mookan Rice Mill,
Uranganpatty, Madurai**



**KS Hospital, Near Anna Bus stand,
Madurai-625020**



**Visited University of Nottingham
Kuala Lumpur Malaysia
Kuala Lumpur Malaysia**



**Visited CDAC, Power Electronics Group
Thiruvananthapuram, Kerala**



**M/s Pondicherry Engineering College,
Pondicherry, Hotel Accord, Pondicherry
as ICCPEAT2017 International conference
SESSION CHAIR Energy Assessment Methodology**



**M/s Madanapalle Institute of Technology & Science ,
Angallu (Village), Madanapalle-517325,
Chittoor District, Andhra Pradesh**



**M/s J.S.Publication, Mattuthavani,
Madurai- 625007**



**IEEE, Madras Section At
CEG's TAG Auditorium SB Introduction and
Energy Audit Speech For all IEEE Members**



**M/s Jawahar wood , Thankkankulam,
Madurai**



**M/s Vasundra Textiles
Shed 9,**



**M/s Standard Enterprises
Kappalore, Madurai**



**Vijay polymer, unit-II, SIPCOT, Nilakottai
Dindigul**



**M/s Jeyareng Textiles,
Theni For PhD work
Of Mr.A.Sahayaraj**



**M/s Amway India Enterprises Pvt. Ltd.,
SIPCOT, Nilakottai Dindigul**



**M/s Aurolab,
Veerapanchan, Madurai.**



**M/s Shanlax press,
Madurai**



**M/S Jeevan Nission,
Thoppor, Madurai**



**M/s Jawaharlal and Co,
Vasanthanagr, Madurai**



**Star Biological, Kappalore
Madurai**



**AAA College of Engineering
Sivakasi**



**M/s Dhaya Calibrations,
Andalpuram, Madurai**



**M/s Bagathsing Furniture,
Thanakkankulam, Madurai**



**M/s AVN Hospital,
Vilacherry, Madurai**



**M/s Raj weaving Shed No 18, Unit – II,
SIDCO Industrial Estate
Kappalore, Madurai**



**M/s Raj weaving Shed No 18, Unit – I,
SIDCO Industrial Estate
Kappalore Madurai**



**TANGEDCO
Industrial Meet on energy saving and safety,
SIDCO, Kappalore Madurai District**



TANGEDCO
Industrial Meet on energy saving and safety,
Dindigul



M/s Port trust Hospital,
Chennai



M/s Magnum Imaging and Diagnostics.
Trichy



M/s Kreative India,
Trichy



Arulmigu Subramaniay swamy temple
Thiruparangundram, Madurai



M/s Keswik Public School,
Madurai.



M/s Hotel Times,
Madurai



M/s Kaveri Mahal,
Madurai.



M/s Jeyaraj Automobiles and Deepthi Agencies
Madurai.



M/s Jeyaland School ,
Jeyaraj Nagar, Madurai.



**State Bank of India,
Personal Banking, Madurai City Branch
Madurai**



**State Bank of India,
SME Branch,
Madurai**



**M/S Barkavi Textiles
Kappalur, Madurai.**



**M/S Ansell,
Bangalore**



**M/s Hayargreeva
school, Mayladumparai, Theni District**



**M/s Rajkumar Restaurant
Triplicane, Chennai**



**M/s Unnamalai Ammal Multispecialty
Hospital & Research Centre,
Kadamalaikundu, Theni**



**M/s Thiagarajan Automobiles,
IOC, South veli Street, Madurai**



**M/s Thiagarajan Automobiles,
IOC, Thallakulam, Madurai**



**M/s Aravind Eye Hospital,
Anna Nagar, Madurai**



**M/s Madurai City Hospital,
Sathamangalam, Madurai**



**M/s ACME Elastomer,
Kappalore**



**M/s Madurai ACME Enterprises,
Madurai**



**M/s Tusker Designer Tiles,
Kappalore**



**M/s Natchiar Silks,
Madurai**



**Mr.Rengarao /K.L.N.C.E Solar PPA,
Madurai**



K.L.N.C.E Solar PPA Meeting



KLN College Function



K.L.N.C.E A/C Power Saver



**M/S Man Make Tailors,
Near Madanagopalasamy temple street,
Madurai**



**M/S VSR(P) LTD, K.Pudur,
Madurai 625 007**



**M/S Chiamala Pressing,
K.Pudur, Madurai – 625 007**



**M/S Priya Complex, Anna Nagar,
Madurai - 625 020**



**M/S Mahendra Crushers,
Checkanurani (PO),
Madurai – 625 514**



**Aravind Eye Hospital,
Madurai**

Interaction for 100 th Program on Instrumentation



**SIDCO Association,
K.Pudur,
Madurai.**



**IVLR Concrete No 9, Madurai Ramnad Main Road,
Near Teppakulam Iravathanallur Madurai City,
Madurai - 625001**



**M/S TOUCH INFRAS,
MADURAI(Builders and Promoters)**



**Air conditioner Energy Testing at
M/S Meenakshi Mission Hospital
Madurai for Positive Power solution, Madurai**



**Pre Energy Audit Talk at
M/S Meenakshi Mission Hospital
Madurai for their Employees**



**J.K. Fenner (India)Ltd.,
Madurai- 625016.**



**M/S Vijay polymer, SIPCOT, Pallapatti (Post),
Nilakottai (TK), Dindigul District.**



**Sri Ayyanar Aqua Farm.,
Pudupatti, Othakadai, Madurai**



M/s Vetri Theatre, Villapuram, Madurai



News Paper - 2017 Clippings



IEEE & Energy Audit Activities

MADURAI



SIVAGANGAI





Awareness Programme on Promotion of Energy Audit & Conservation of Energy (PEACE) Meeting at District Industries Centre, Erode District.



Awareness Programme on Promotion of Energy Audit & Conservation of Energy (PEACE) Meeting at District Industries Centre, Erode District.



Awareness Programme on Promotion of Energy Audit & Conservation of Energy (PEACE) Meeting at District Industries Centre, Trichy



Awareness Programme on Promotion of Energy Audit & Conservation of Energy (PEACE) Meeting at District Industries Centre, Dindigul



Energy Audit at Dindigul



Energy Audit Speech at TVS, Tuticorin



St Joseph Engineering College, Chennai



Ramakrishna Engineering College, Trichy



Ind Expo, Madurai



Meeting with the Deputy Chief Minister



Awareness Programme On Energy Audit at Karaikudi Sivagangai District



PCRA Energy Audit Meeting at Thanjavur.



PCRA Energy Audit Speech at District Industries Centre, Thanjavur .



Promotion of Energy Audit and Conservation of Energy (PEACE) with The Collector Theni and GM, Theni



Promotion of Energy Audit and Conservation of Energy (PEACE) at Theni



(PEACE) Meeting at District Industries Centre, Thoothukudi District.



(PEACE) at District Industries Centre, Thoothukudi.



(PEACE) at District Industries Centre, Thoothukudi District.



Investment Opportunities for MSMEs With Honorable Minister Meeting at Thirunelveli District.



Awareness Programme Energy Audit at Thirunelveli.



Industrial Workshop Meeting at Thirunelveli District.



Energy Audit Training Programme at Thalavaipuram Rice Mill



PCRA Institutional Training Programme at Thalavaipuram



Kappalur Industrial Association Meeting



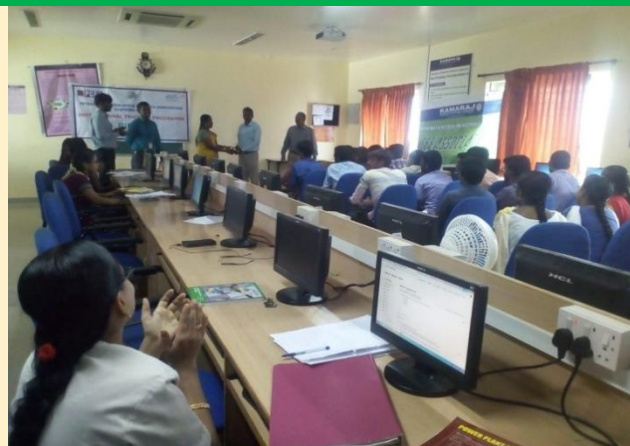
Promotion of Energy Audit and Conservation of Energy (PEACE) , Training Programme at Kappalur.



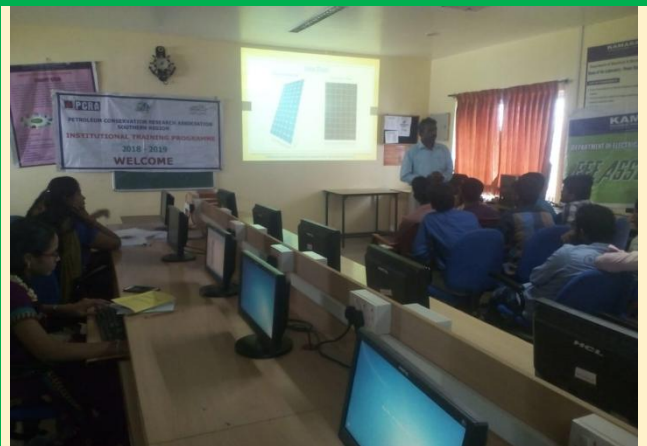
IEEE Madras Section Programme at Chennai.



IEEE Madras Section Programme at Chennai.



PCRA, Energy Audit Institutional Training Programme at Kamaraj Engineering College, Virudhunagar



PCRA, Energy Audit Institutional Training Programme, Kamaraj Engineering College, Madurai



PCRA, Energy Audit Institutional Training Programme at Krishnagiri.



PCRA, Energy Audit Institutional Training Programme at Krihnagiri.



PCRA, Energy Audit Institutional Training Programme at Mangayarkarasi College of Engineering, Madurai.



PCRA, Energy Audit Institutional Training Programme at K.L.N.College of Engineering, Sivagangai



PCRA, Institutional Energy Audit Training Programme at Thalavaipuram



PCRA, Institutional Energy Audit Training Programme at Thalavaipuram



Promotion of Energy Audit and Conservation of Energy (PEACE) Meeting with The Collector Salem and The GM, Salem



Energy Audit Training Programme at Ramnad District.



Energy Audit Training Programme at Ramnad District.



**Energy Audit Training Programme,
Namakkal.**



**Energy Audit Training Programme,
Namakkal.**



**PCRA, Industrial Workshop, Energy Audit
Nagapattinam**



**Energy Audit Training Programme at
Namakkal.**



Electro Plating Energy Audit



**Energy Audit Training Program at
Nagapattinam**



Unnath Barath Scheme Launched by The Respected Colletor, Sivagangai District



Honorable Minister Program at Namakkal



Honorable Minister Program at Thirunelveli

QUALITY FIRST



ENTERPRISE IS SUCCESS

VIDITSSIA

Bulletin

ANNUAL
SUBSCRIPTION
Rs. 400/-

LIFE
SUBSCRIPTION
Rs. 4000/-

VIRUDHUNAGAR DISTRICT TINY & SMALL SCALE INDUSTRIES ASSOCIATION

8/2, Patel Road, VIRUDHUNAGAR - 626 001. Ph: 243378

**Viditssia உறுப்பினர்கள் அனைவருக்கும் அன்புடன்
கிறிஸ்துமஸ், புத்தாண்டு & பொங்கல் தின நல்வாழ்த்துக்கள்**

விடீட்சியாவின் சென்ற மாத (நவம்பர் 2018) நிர்வாகக் குழு கூட்டம்



நாள்து 2018ம் ஆண்டு நவம்பர் மாதம் 22ம் தேதி வியாழக்கிழமை மாலை 5.30 மணி அளவில் SIDCO தொழிற்பேட்டையில் உள்ள விடீட்சியா இதயம் வளாகத்தில் அமைந்துள்ள PMAN இராஜேந்திரன் அரங்கத்தில் நமது சிறு தொழில் சங்கத்தின் நவம்பர் மாத நிர்வாகக் குழு கூட்டம் சிறப்பாக நடைபெற்றது.

அப்போது Dr. S VENKATANARAYANAN M.E., Ph.D., Energy Auditor (Professor - KLN College of Technology, மதுரை) தொழிற்கூடங்களில் ஆற்றல் தணிக்கை (ENERGY AUDIT) மற்றும் ஆற்றல் சேமிப்பு (ENERGY SAVING) மேம்படுத்துதல் ஆகியவற்றிற்குரிய வழிமுறைகள் பைவற்றை மிகச் சிறப்பாக

மின்னொளி காட்சி (POWER POINT DISPLAY) மூலம் மிகச் சிறப்பாக எடுத்துரைத்து விளக்கவுரை ஆற்றினார். இதனால் கூட்டத்தில் பங்கேற்ற நமது குறு, சிறு தொழில் சங்கத்தின் உறுப்பினர்கள், தொழில் முனைவோர் ஆகியோர் மிக்க பயன் அடைந்தனர்.

படத்தில் அமர்ந்திருப்போர் : (இடமிருந்து வலம்)

- (1) திரு. Er. S.சிவகுமார் - PCRA - Energy Consultant.
- (2) திரு. K.C.குருசாமி - Secretary, விடீட்சியா.
- (2) திரு இதயம் V.R.முத்து - President, விடீட்சியா.
- (3) திரு. SPGC.பிருந்தாவன் - Honorary President, விடீட்சியா.
- (4) திரு. P.மகேந்திரன் - EDII Business Coordinator, விருதுநகர்.

இந்த மாதக் கூட்ட அழைப்பிதழ் உள்ளே முன் பக்கம் பார்க்கவும்



Dr S.Venkatanarayanan ME.,PhD.,MBA.,MPhil.,MISTE., SMIEEE.,MIE
Chartered Engineer., EnMs Lead Energy Auditor
Petroleum Conservation Research Association (PCRA)
Professor/EEE
K.L.N.College of Engineering, Pottapalayam-630612
Sivagangai District

The awareness program on Energy Audit and conservation have been arranged on 23.12.2018 at INDEXPO seminar which was the 4th Industrial Exhibition held at Madurai organized by Madurai District Tiny & Small Scale Industries Association (MADITSSIA).

In this program Dr S.Venkatanarayanan and Mr S.Sivakumar gave talk on Energy Audit and Conservation. While speech by Dr S.Venkatanarayanan, mentioned about various sources of Energy, Impact of Environmental issues such as Global warming, He mentioned about the industrial Energy saving measures and importance of Energy Audit, He explained about the Power Factor, Maximum Demand, Harmonics issues. He mentioned about the areas where you can save energy such as Lightings, Motors, Air-conditions, Boilers, Heaters, Fans, Blowers, etc. He pointed out some of the issues where we get the problem industries such as voltage sag, swell, fluxuations, failure of motors etc. He gave the tips on Monitoring energy on Zero cost, Low cost, Medium cost, High cost measures to save the energy in the Industries. He explained about minimum 10% Energy saving is assured on conducting energy audit in the Industries. He mentioned about the long term measures on energy saving. He explained the practically experience on the Industries. He explained about the various subsidies available for the Energy Audit through the District Industries Centre, Government of Taamilnadu on PEACE (Promotion of Energy Audit and Conservation of Energy) scheme for conducting energy Audit.



Mr S.Sivakumar ME.,(PhD)
Exyernal Faculty of Petroleum Conservation
Research Association (PCRA)
Green Solar Techlogy Solutions
Madurai

Mr S.Sivakumar explained about the Solar energy is radiant light and heat from the Sun that is harnessed using a range of ever-evolving technologies such as solar heating, photovoltaics, solar thermal energy, solar architecture, molten salt power plants and artificial photosynthesis. It is an important source of renewable energy and its technologies are broadly characterized as either passive solar or active solar depending on how they capture and distribute solar energy or convert it into solar power. He explained about the On Grid and Off grid solar technology. He explained about the varius subsidies are issued by the government for the Solar energy harvesting. He explained about the inverters, converters, solar battaries technologies etc.

He explained about the energy substitution which is very useful to meet the Maximum demand consumers such as LT,LTCT, HT consumers. He explained to meet out the tariff benefits on the Solar energy harvesting. He explained about the Photovoltaic as well as the Thermal Solar technology systems

On the whole this program was very useful to the industries who participated. Participants were interacted with the above two speakers on the Energy Audit and conservation.



Electro Plating Industries, Sivagangai District



Electro Plating Industries, Sivagangai District



Electro Plating Industries, Sivagangai District



Bargavi Rubber, Madurai District



ACE Lubricants, Madurai District



IEEE 2018 award Received at Chennai



Electroplating, Sivagangai District



Barkavi Rubber Industry, Madurai

PROMOTION OF ENERGY AUDIT AND CONSERVATION OF ENERGY (PEACE)

In many of the MSME sectors, energy is often the single largest operating cost and consequently energy productivity is the key to their competitiveness and survival. Micro, Small and medium enterprises (MSMEs) are under tremendous pressure to increase productivity, maintain quality, and deliver within remarkable timeframes; at the same time, work alongside the rising cost of energy, material and other resources required for production, and remain competitive in the market.

Realizing the need to save energy, the Government have issued orders duly sanctioned for a special scheme vide G.O.Ms No 35 MSME (G) department dated 09.06.2017 for promoting energy efficiency in MSME units namely "PEACE" (Promotion of Energy Audit and Conservation Of Energy) . Under this scheme, suitable incentives will be given to MSME units based on Energy audit.

K.L.N College Of Engineering Centre Of Excellence Energy Audit Division, Department Of Electrical Electronics Engineering Is Promoting Energy Audit From Jan 2016. We Have Completed energy audit for 125 industries.

We Promote Energy Audit As Per The Government Guidelines

Awareness Programme

Awareness among MSMEs is the level of understanding about the importance and implications of energy audit and conserving energy. High awareness among MSMEs occurs when a significant proportion of the MSMEs agree that the energy audit and conserving energy is an issue that is of great importance to the financial performance and competitiveness of their enterprise.

Training Programme

The objective of the training programme is to enable MSMEs to establish the systems and processes necessary to improve energy performance, energy efficiency, and help reduce energy consumption and costs. The training programme enables the MSMEs to take a systematic approach towards achieving substantial improvement in energy management

Conduct Energy Audit

We are Conducting Energy Audit, MSMEs, LT & LTCT, HT Industries.
We have achieved prove and energy conservation for the consumers.
We suggest for reducing electricity bill, power factor penalty, Maximum Demand issues.



Estd. 1994

கே.எல்.என். பொறியியல் கல்லூரி K.L.N. College of Engineering

Pottapalayam-630612.(11 km from Madurai City) Sivagangai District,Tamilnadu,India.
(Sponsored by K.L.N. Sourashtra College of Engineering Council, Madurai)
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.
Approved Research Center for MECH, EEE, ECE, CSE & MBA by Anna University.
Approved as Nodal Center for Quality Improvement Cell by Anna University, Chennai.
Accredited by NBA, New Delhi for B.E. - MECH, EEE, ECE, CSE and B.Tech - IT .
An ISO 9001 : 2015 Certified Institution - Sourashtra Linguistic Minority Institution

Counselling Code
5904

Amarar
Shri K.L.N. KRISHNAN



Founder President
(1918 - 2001)

Courses Offered

Name of the programmes approved by the AICTE

UG Programmes

- B.E. Mechanical Engineering (4thtime Accredited)
- B.E. Electrical and Electronics Engineering (4thtime Accredited)
- B.E. Electronics and Communication Engineering (2ndtime Accredited)
- B.E. Computer Science and Engineering (3rdtime Accredited)
- B.Tech. Information Technology (3rdtime Accredited)
- B.E. Automobile Engineering
- B.E. Electronics and Instrumentation Engineering

PG programmes

- Master of Business Administration
- Master of Computer Applications (2ndtime Accredited)
- M.E. CAD / CAM
- M.E. Communication systems
- M.E. Power Systems Engineering
- M.E. Computer Science and Engineering
- M.E. Computer Science and Engineering(WITH SPECIALISATION IN NETWORKS)

Ph.D Full Time & Part Time programmes

For Industrial & Domestic Energy Audit & Reduce Electricity Bill



Contact

Dr. S. Venkatanarayanan M.E., Ph.D., MBA., M.Phil., MISTE., MIEEE

Professor and Energy Consultant, Member IEEE
Entrepreneurship Development Institute - Chennai Mentor,
Department of Electrical Electronics Engineering
Email ID : venjeyeee@gmail.com
Mobile No. +91 96773 20576

Dr. A.V. Ram Prasad M.E., Ph.D., MISTE., F.I.E.,

Principal
K.L.N. College Of Engineering
Ph : 0452 - 2090184